

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040415.D
 Acq On : 22 Feb 2024 23:04
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 23 06:33:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	81806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137172	102.960	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 205.920%#			
35) Dibromofluoromethane	5.385	113	100557	104.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 208.540%#			
50) Toluene-d8	8.647	98	368155	105.687	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 211.380%#			
62) 4-Bromofluorobenzene	11.079	95	146265	104.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 209.560%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	107499	109.018	ug/l	99
3) Chloromethane	1.295	50	112671	101.077	ug/l	99
4) Vinyl Chloride	1.374	62	116347	104.646	ug/l	97
5) Bromomethane	1.593	94	60902	93.110	ug/l	99
6) Chloroethane	1.673	64	67145	100.204	ug/l	95
7) Trichlorofluoromethane	1.880	101	184091	103.779	ug/l	99
8) Diethyl Ether	2.136	74	65750	103.762	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	95176	101.541	ug/l	99
10) Methyl Iodide	2.447	142	119408	109.486	ug/l	96
11) Tert butyl alcohol	2.977	59	136467	529.907	ug/l #	90
12) 1,1-Dichloroethene	2.313	96	96303	106.526	ug/l	98
13) Acrolein	2.233	56	160217	519.987	ug/l	100
14) Allyl chloride	2.660	41	176192	105.529	ug/l	95
15) Acrylonitrile	3.063	53	314638	521.115	ug/l	99
16) Acetone	2.380	43	274186	493.921	ug/l	98
17) Carbon Disulfide	2.508	76	268156	107.892	ug/l	99
18) Methyl Acetate	2.703	43	153872	107.010	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	341085	105.816	ug/l	100
20) Methylene Chloride	2.788	84	111228	95.694	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	104252	102.200	ug/l	99
22) Diisopropyl ether	3.764	45	351390	106.473	ug/l	89
23) Vinyl Acetate	3.721	43	1642852	545.448	ug/l	99
24) 1,1-Dichloroethane	3.605	63	202130	105.912	ug/l	98
25) 2-Butanone	4.556	43	456923	527.958	ug/l	98
26) 2,2-Dichloropropane	4.471	77	134681	108.119	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	120387	105.903	ug/l	97
28) Bromochloromethane	4.904	49	83554	93.865	ug/l	99
29) Tetrahydrofuran	5.001	42	302868	525.705	ug/l	99
30) Chloroform	5.093	83	214069	104.073	ug/l	100
31) Cyclohexane	5.471	56	169584	106.170	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	185645	109.020	ug/l	99
36) 1,1-Dichloropropene	5.690	75	155142	103.949	ug/l	100
37) Ethyl Acetate	4.715	43	178210	104.511	ug/l	99
38) Carbon Tetrachloride	5.678	117	153977	111.508	ug/l	98
39) Methylcyclohexane	7.379	83	173989	109.998	ug/l	97
40) Benzene	6.038	78	430522	106.034	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	98557	108.848	ug/l	95
42) 1,2-Dichloroethane	6.086	62	181271	107.426	ug/l	99
43) Isopropyl Acetate	6.342	43	289223	110.540	ug/l	98
44) Trichloroethene	7.123	130	113428	106.815	ug/l	99
45) 1,2-Dichloropropane	7.428	63	115202	106.318	ug/l	100
46) Dibromomethane	7.580	93	86810	106.784	ug/l	99
47) Bromodichloromethane	7.824	83	167119	110.457	ug/l	96
48) Methyl methacrylate	7.690	41	149098	115.067	ug/l	94
49) 1,4-Dioxane	7.659	88	59738	2287.267	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	965735	543.451	ug/l	99
52) Toluene	8.720	92	271611	109.159	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	178910	117.290	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	183671	113.033	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	115822	108.712	ug/l	96
56) Ethyl methacrylate	9.116	69	187734	115.323	ug/l	96
57) 1,3-Dichloropropane	9.305	76	194193	104.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	446571	547.092	ug/l	96
59) 2-Hexanone	9.433	43	764220	557.611	ug/l	99
60) Dibromochloromethane	9.519	129	122504	114.668	ug/l	100
61) 1,2-Dibromoethane	9.610	107	123511	107.858	ug/l	100
64) Tetrachloroethene	9.275	164	99849	100.700	ug/l	98
65) Chlorobenzene	10.080	112	292281	107.129	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	108379	113.592	ug/l	99
67) Ethyl Benzene	10.195	91	554721	108.385	ug/l	98
68) m/p-Xylenes	10.299	106	409208	219.268	ug/l	96
69) o-Xylene	10.640	106	199262	108.018	ug/l	94
70) Styrene	10.653	104	345548	113.635	ug/l	99
71) Bromoform	10.799	173	92348	119.723	ug/l #	100
73) Isopropylbenzene	10.964	105	537406	105.551	ug/l	100
74) N-amyl acetate	10.842	43	275831	116.765	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	190909	104.890	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	162381m	101.484	ug/l	
77) Bromobenzene	11.195	156	128153	103.010	ug/l	99
78) n-propylbenzene	11.305	91	664650	105.683	ug/l	98
79) 2-Chlorotoluene	11.366	91	388871	103.603	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	465257	107.562	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	52861	114.953	ug/l	99
82) 4-Chlorotoluene	11.457	91	462068	105.041	ug/l	100
83) tert-Butylbenzene	11.713	119	438404	107.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	467912	107.212	ug/l	99
85) sec-Butylbenzene	11.890	105	581847	107.201	ug/l	99
86) p-Isopropyltoluene	12.006	119	474570	109.433	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	247538	104.033	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	248525	100.747	ug/l	98
89) n-Butylbenzene	12.329	91	464044	108.757	ug/l	96
90) Hexachloroethane	12.536	117	82985	119.486	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	234709	102.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48398	116.606	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	153371	103.535	ug/l	98
94) Hexachlorobutadiene	13.725	225	57931	107.978	ug/l	98
95) Naphthalene	13.774	128	524153	110.264	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	149473	104.803	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDICC100

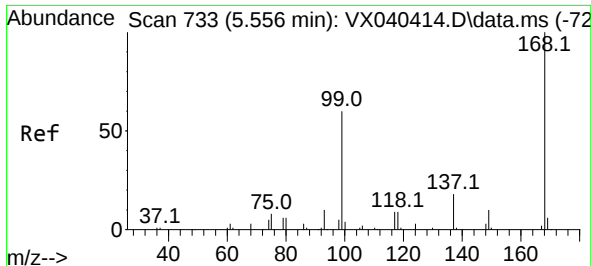
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 02/23/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:27:42 2024
Response via : Initial Calibration

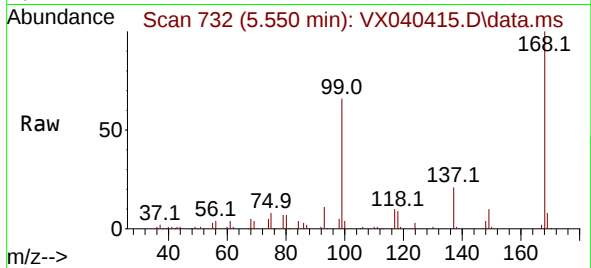
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040415.D
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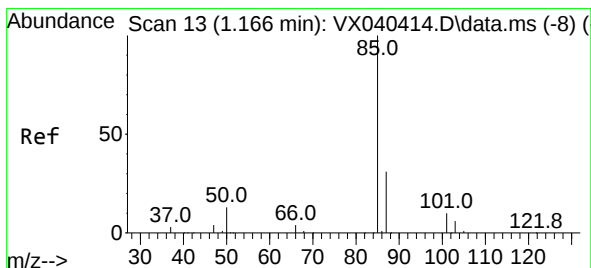
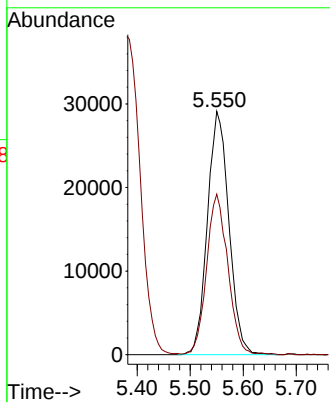
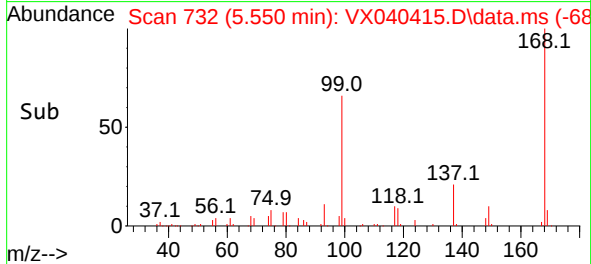
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 81800
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0

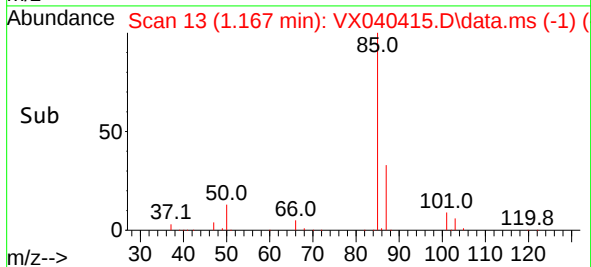
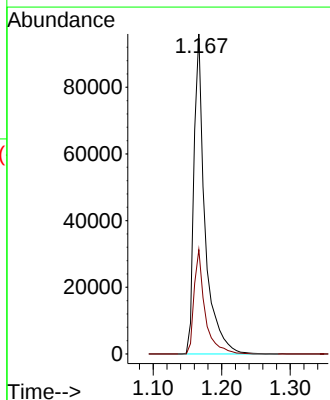
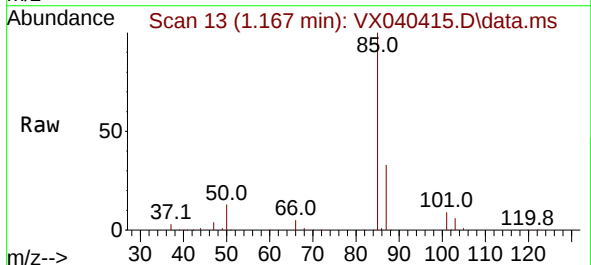
Manual Integrations
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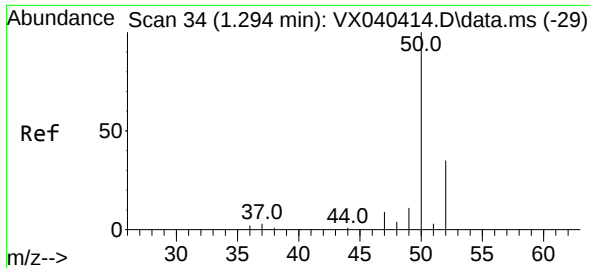
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#2
Dichlorodifluoromethane
Concen: 109.018 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

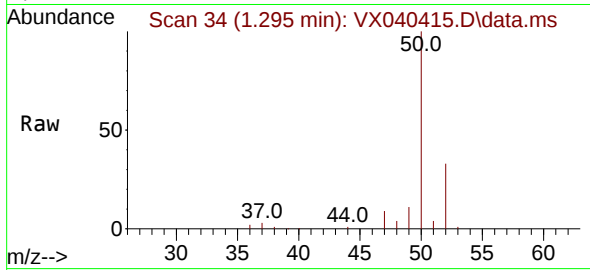
Tgt Ion: 85 Resp: 107499
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3
Chloromethane
Concen: 101.077 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

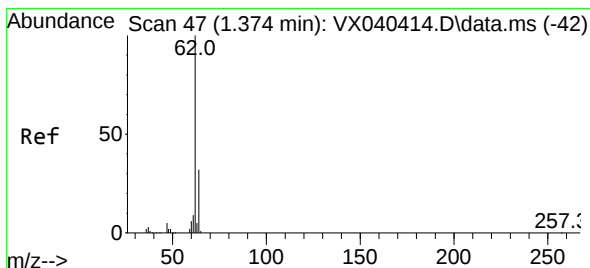
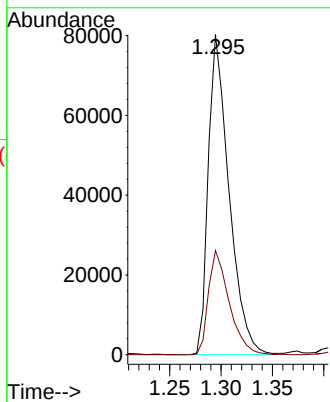
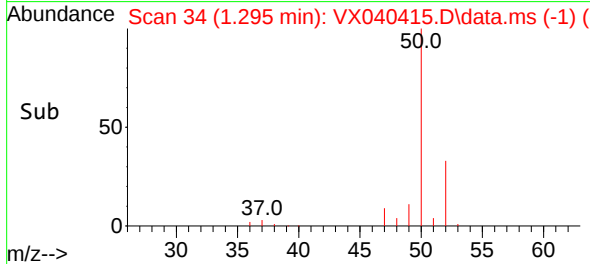
Instrument :
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ClientSampleId :
VSTDICC100



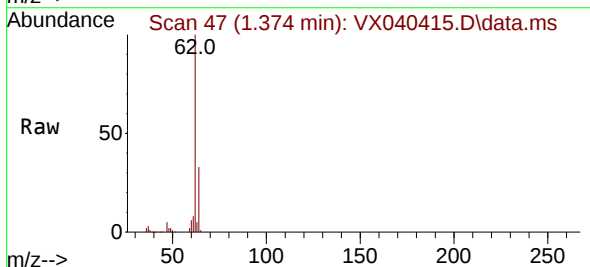
Tgt Ion: 50 Resp: 11267
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

Manual Integrations
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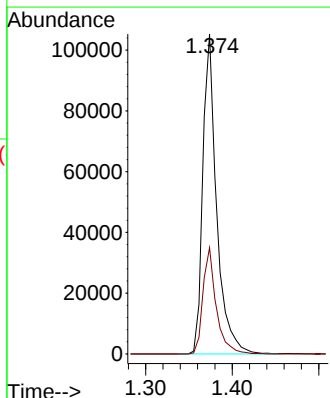
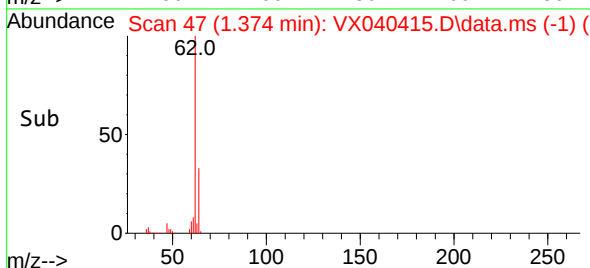
Reviewed By :John Carlone 02/23/2024
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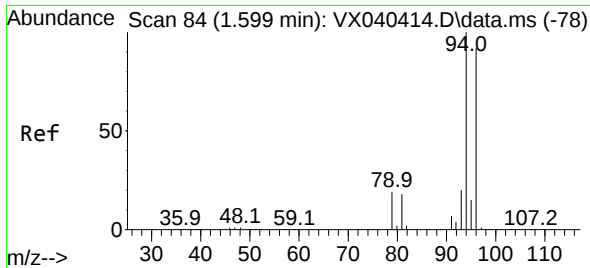


#4
Vinyl Chloride
Concen: 104.646 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04



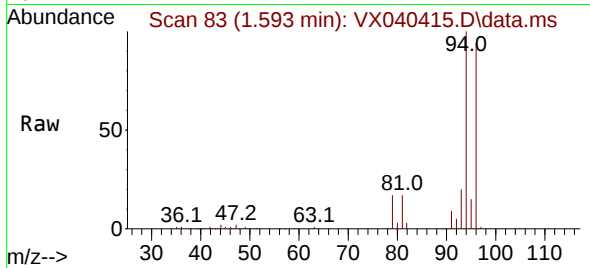
Tgt Ion: 62 Resp: 116347
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 93.110 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

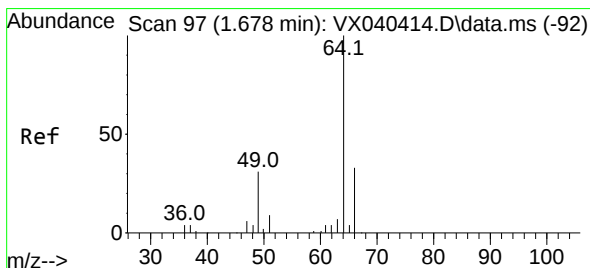
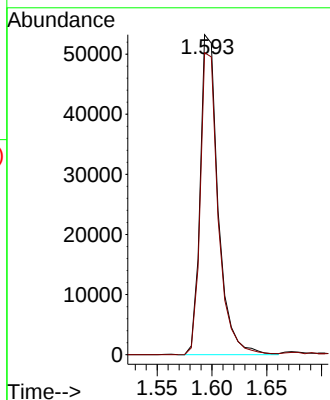
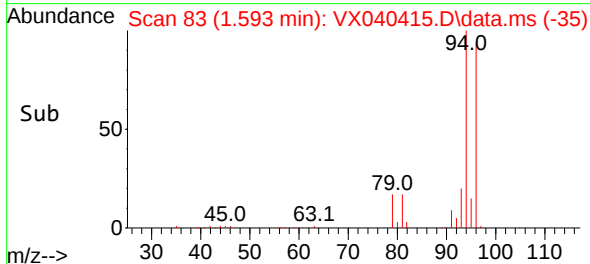
Instrument :
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Tgt Ion: 94 Resp: 60902
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8

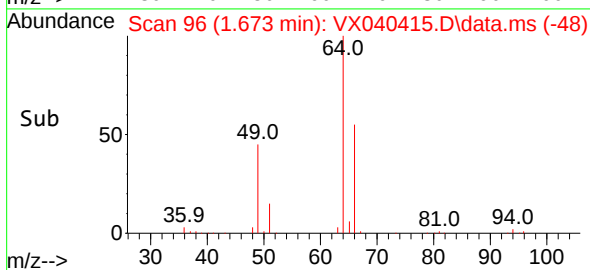
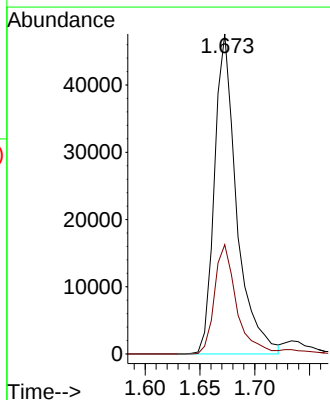
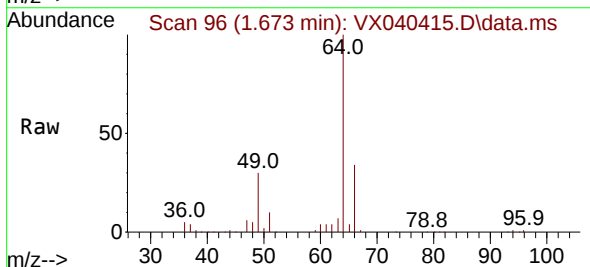
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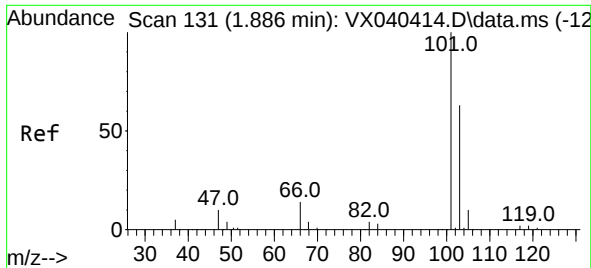
Reviewed By :John Carlone 02/23/2024
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#6
Chloroethane
Concen: 100.204 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX040415.D
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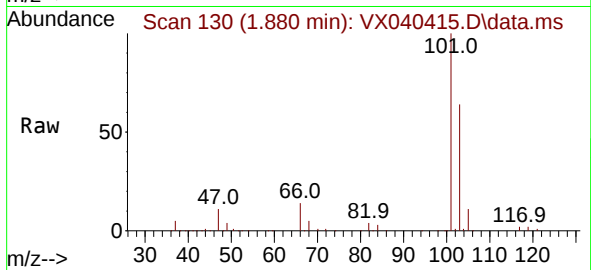
Tgt Ion: 64 Resp: 67145
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 103.779 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040415.D
 Acq: 22 Feb 2024 23:04

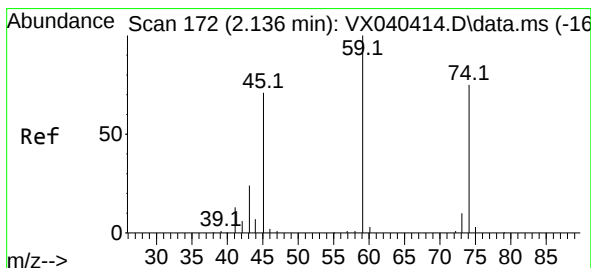
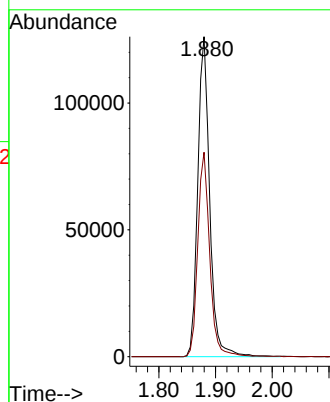
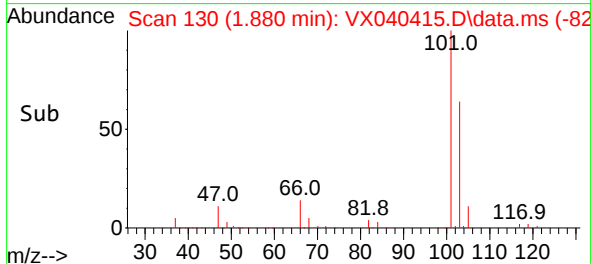
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion:101 Resp: 18409
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.2

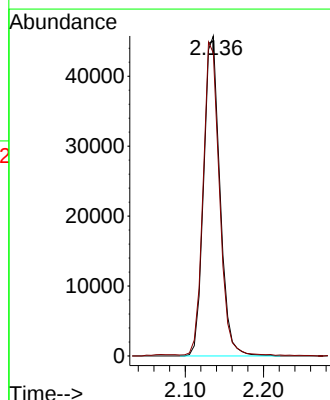
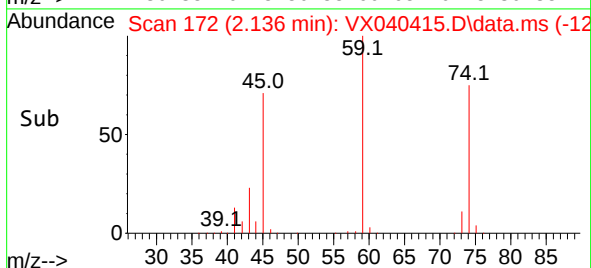
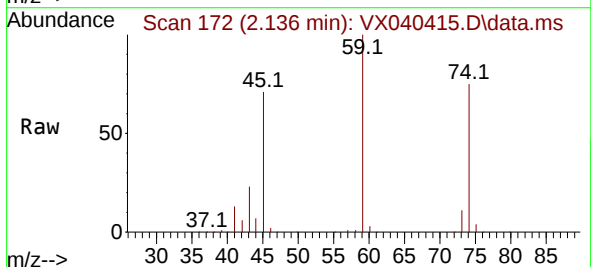
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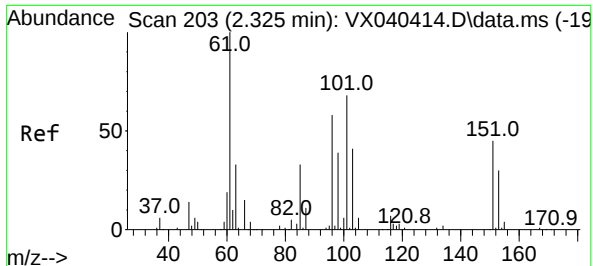
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#8
 Diethyl Ether
 Concen: 103.762 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 65750
 Ion Ratio Lower Upper
 74 100
 45 99.6 53.3 159.8





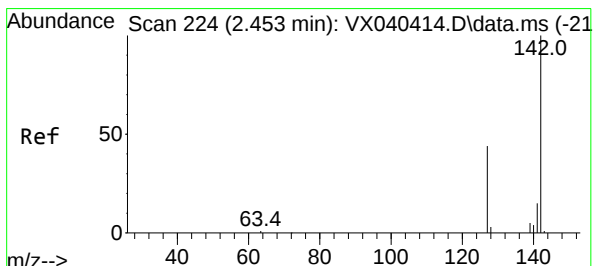
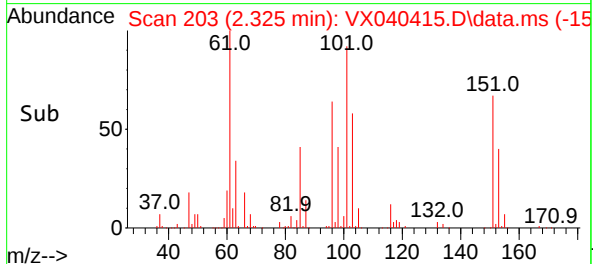
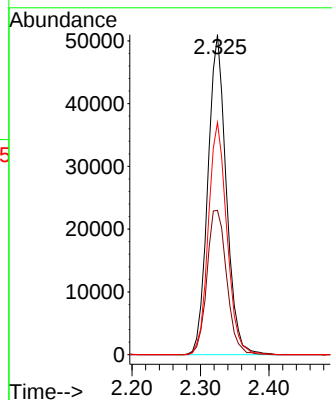
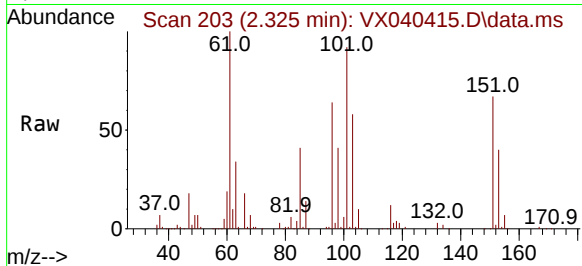
#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.541 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 95170
Ion Ratio Lower Upper
101 100
85 48.5 37.0 55.6
151 73.2 58.6 87.8

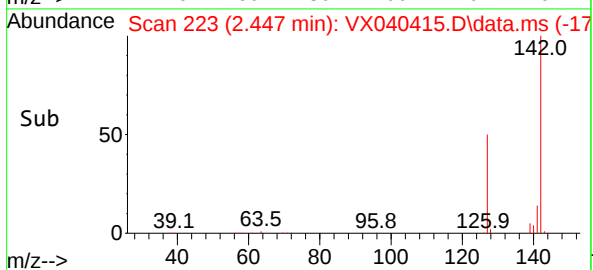
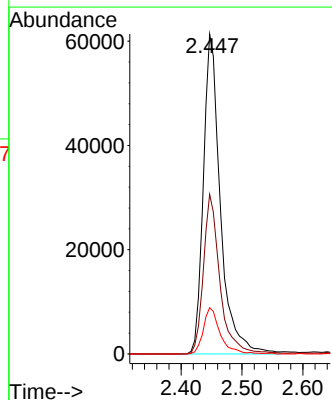
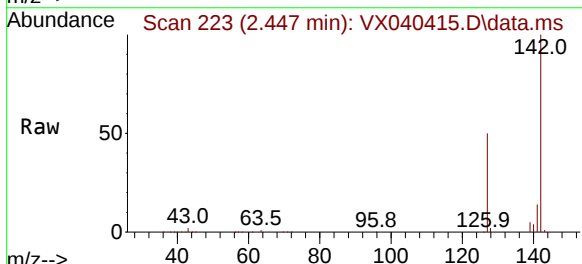
Manual Integrations
APPROVED

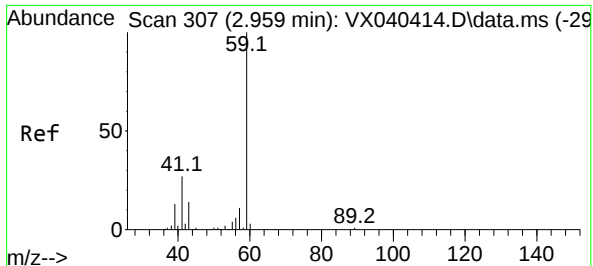
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 109.486 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion:142 Resp: 119408
Ion Ratio Lower Upper
142 100
127 48.4 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 529.907 ug/l

RT: 2.977 min Scan# 310

Delta R.T. 0.018 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 13646

Ion Ratio Lower Upper

59 100

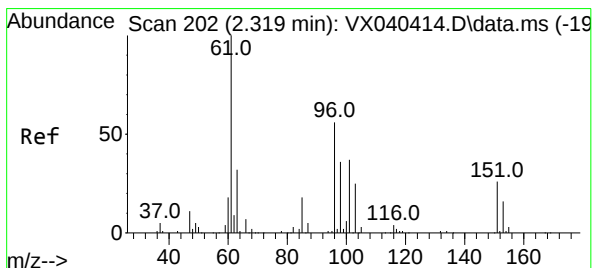
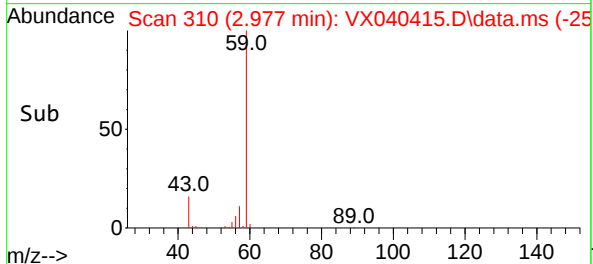
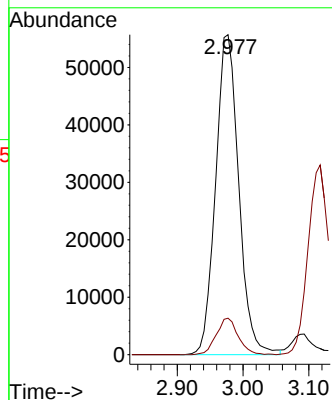
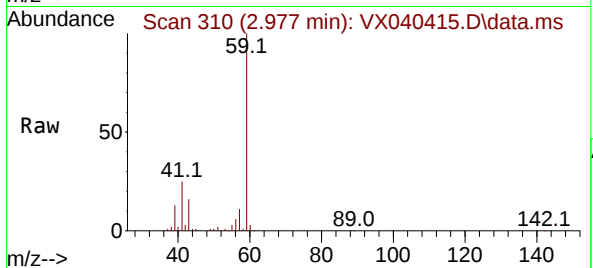
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#12

1,1-Dichloroethene

Concen: 106.526 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

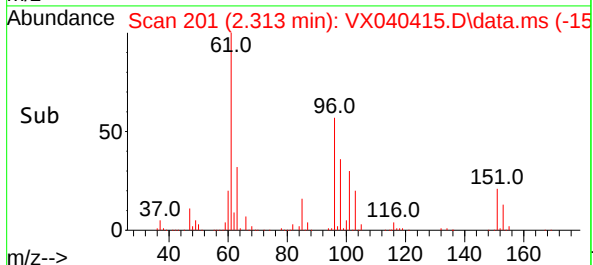
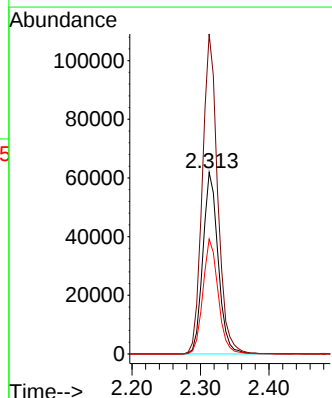
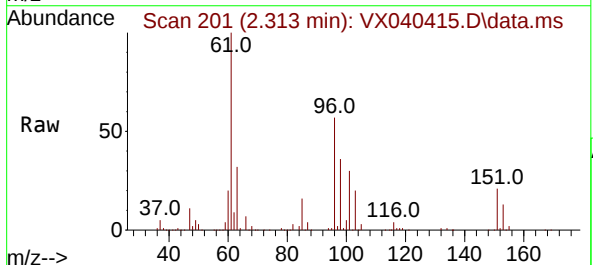
Tgt Ion: 96 Resp: 96303

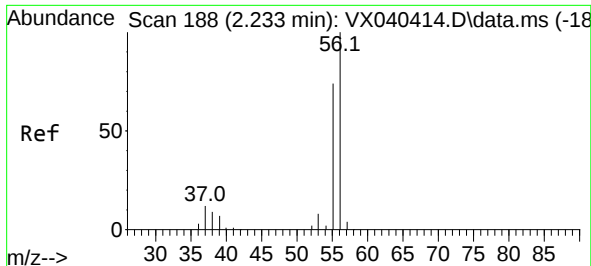
Ion Ratio Lower Upper

96 100

61 176.2 144.6 216.8

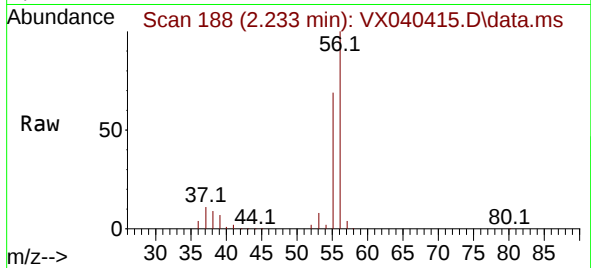
98 63.4 50.4 75.6





#13
Acrolein
Concen: 519.987 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

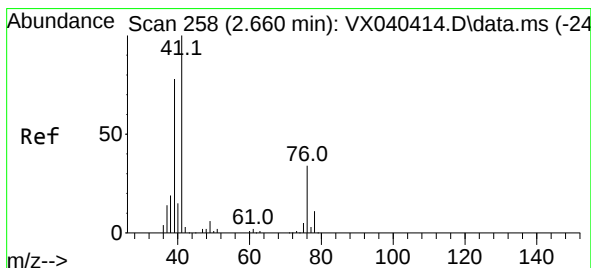
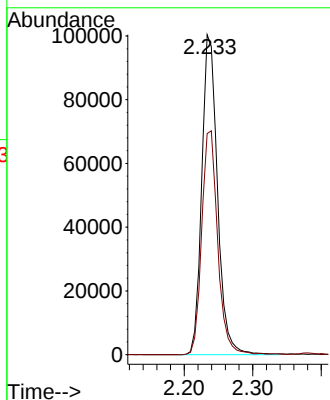
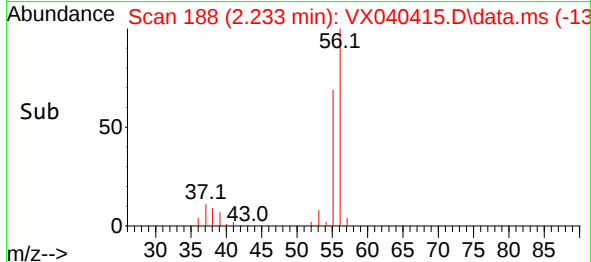
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 160217
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

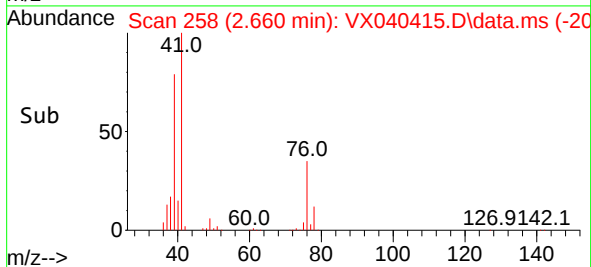
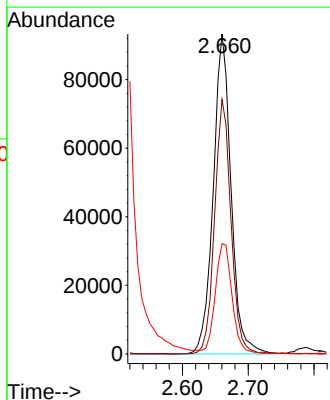
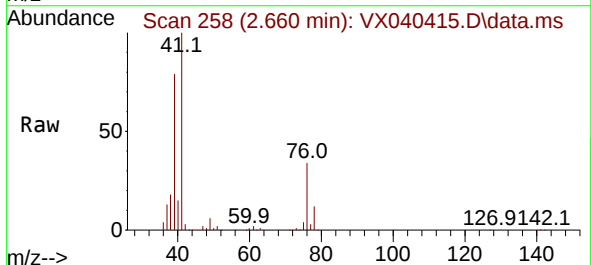
Manual Integrations
APPROVED

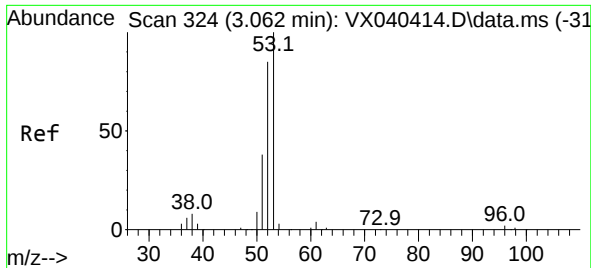
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#14
Allyl chloride
Concen: 105.529 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion: 41 Resp: 176192
Ion Ratio Lower Upper
41 100
39 73.3 55.8 83.6
76 33.1 24.3 36.5





#15

Acrylonitrile

Concen: 521.115 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 53 Resp: 314638

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

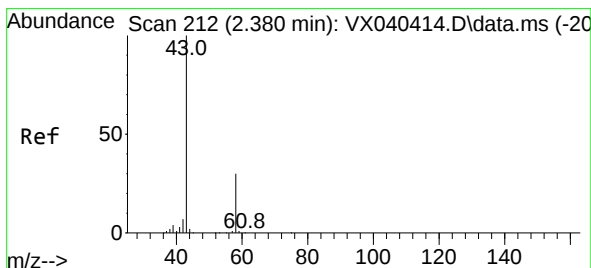
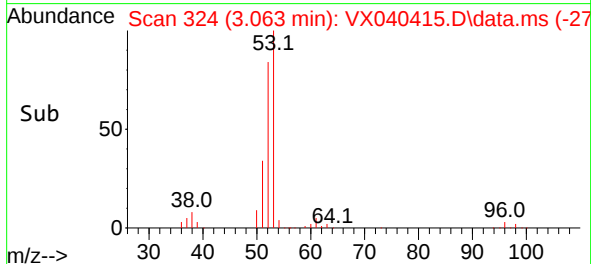
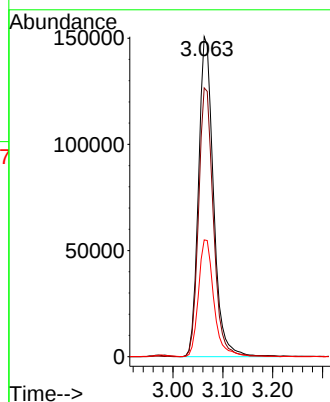
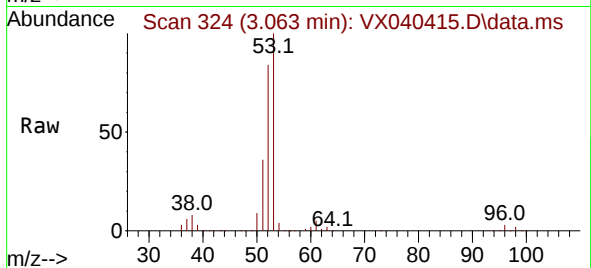
51 37.7 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#16

Acetone

Concen: 493.921 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040415.D

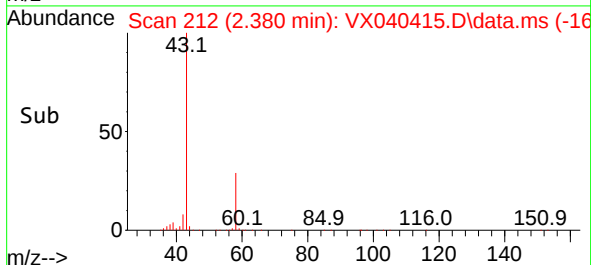
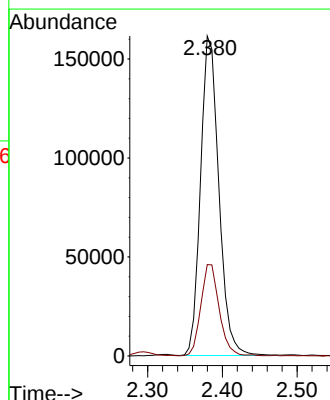
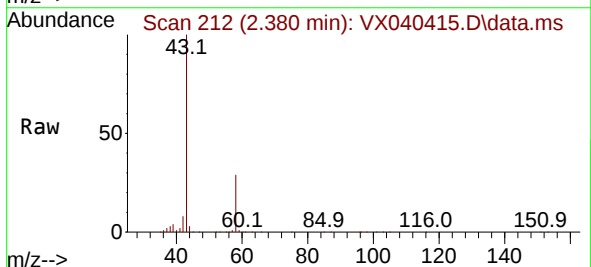
Acq: 22 Feb 2024 23:04

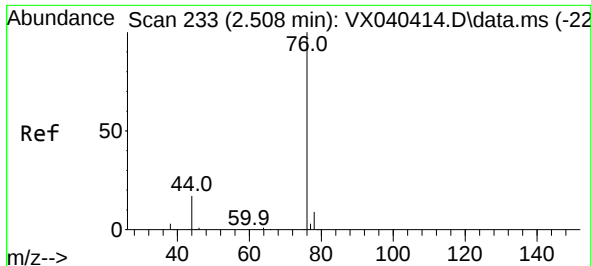
Tgt Ion: 43 Resp: 274186

Ion Ratio Lower Upper

43 100

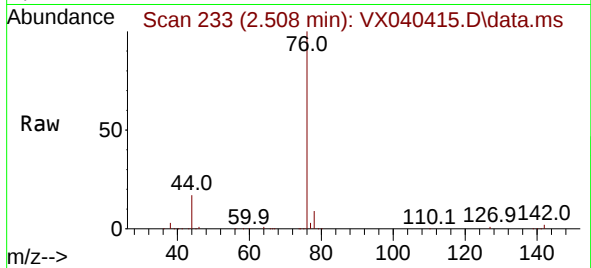
58 28.6 21.9 32.9





#17
Carbon Disulfide
Concen: 107.892 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

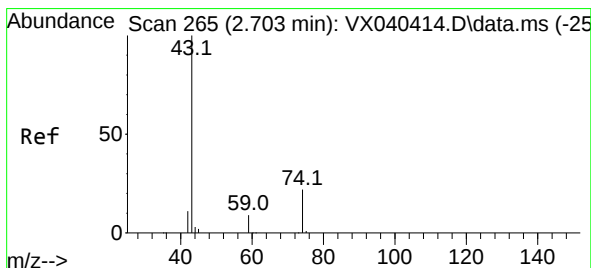
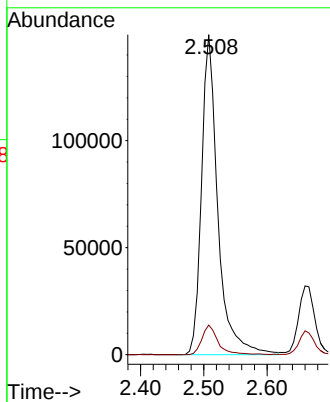
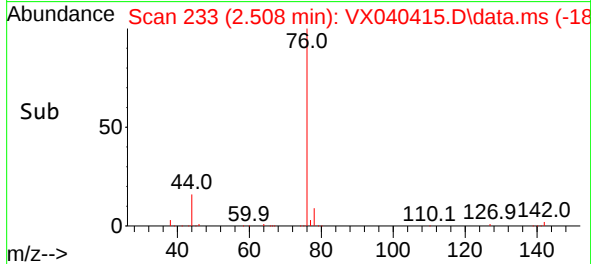
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 268150
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

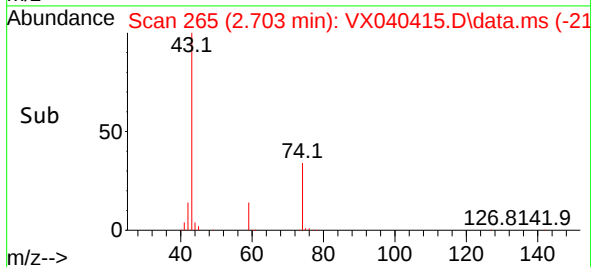
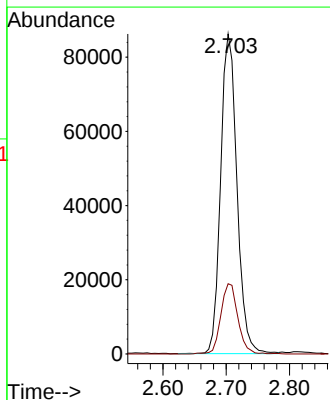
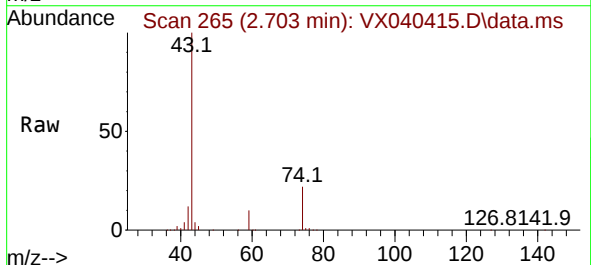
Manual Integrations
APPROVED

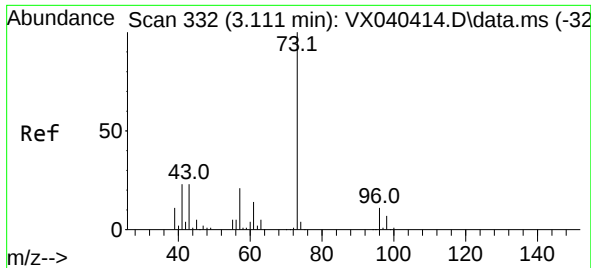
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#18
Methyl Acetate
Concen: 107.010 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion: 43 Resp: 153872
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





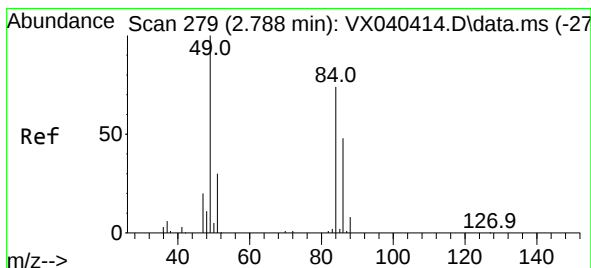
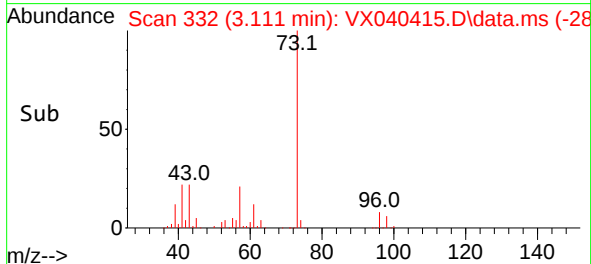
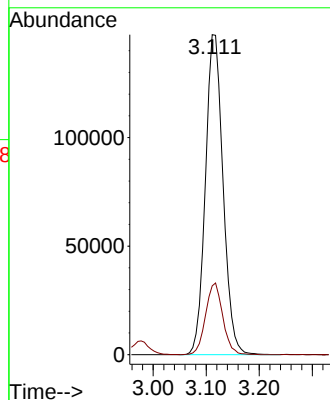
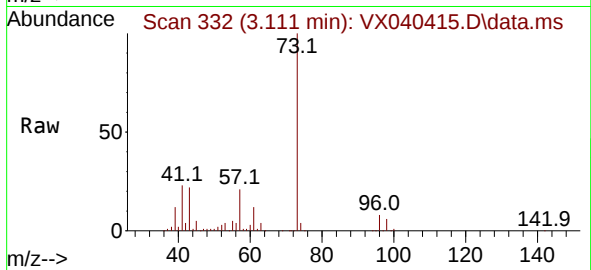
#19
Methyl tert-butyl Ether
Concen: 105.816 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 341085
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

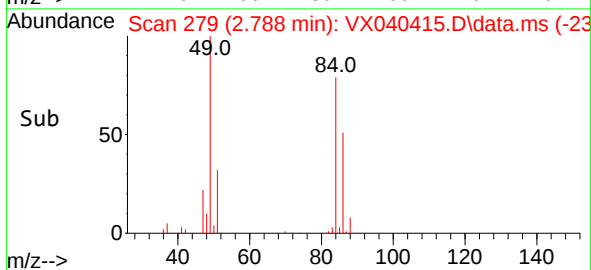
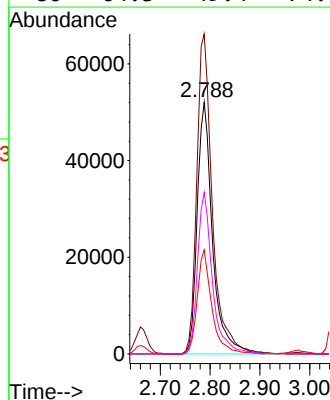
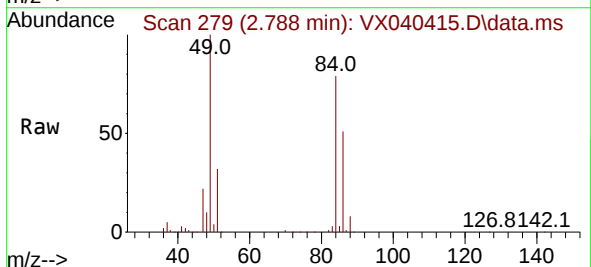
Manual Integrations
APPROVED

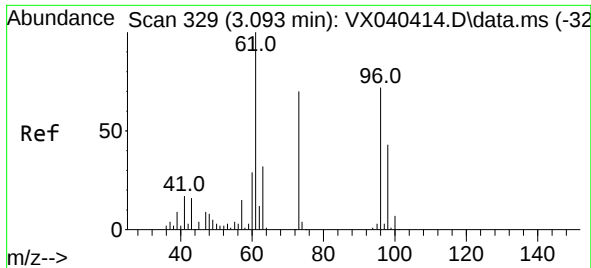
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 95.694 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

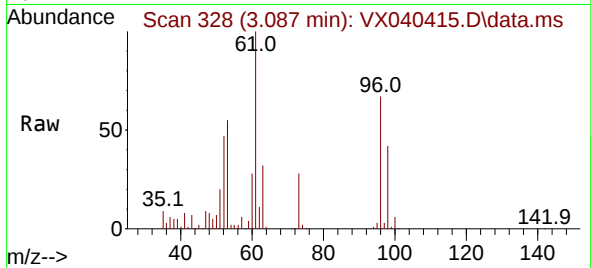
Tgt Ion: 84 Resp: 111228
Ion Ratio Lower Upper
84 100
49 127.2 103.6 155.4
51 41.3 33.8 50.6
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 102.200 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

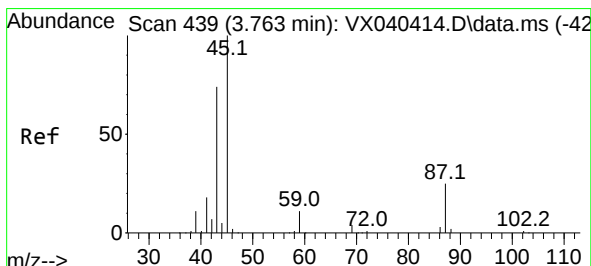
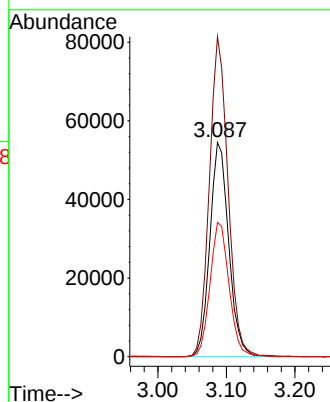
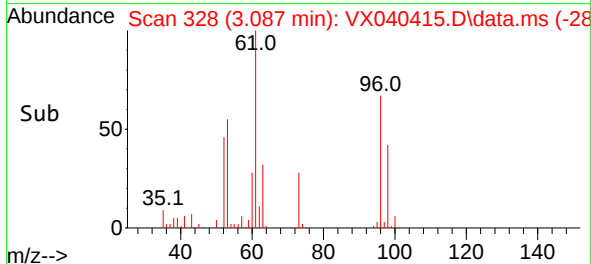
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 104252
Ion Ratio Lower Upper
96 100
61 149.4 119.2 178.8
98 62.6 48.7 73.1

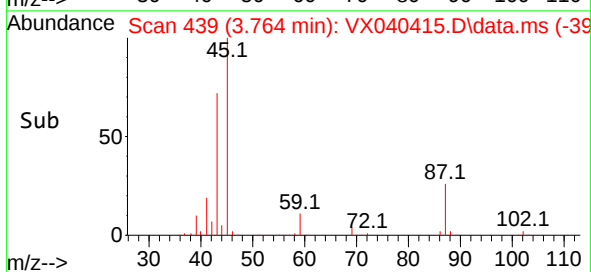
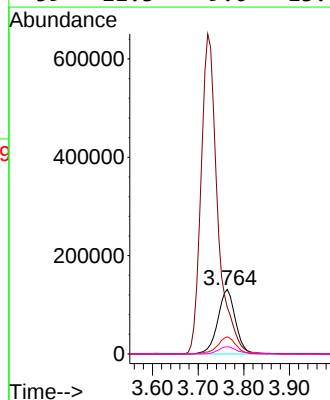
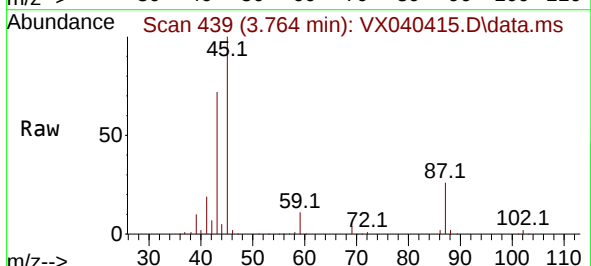
Manual Integrations
APPROVED

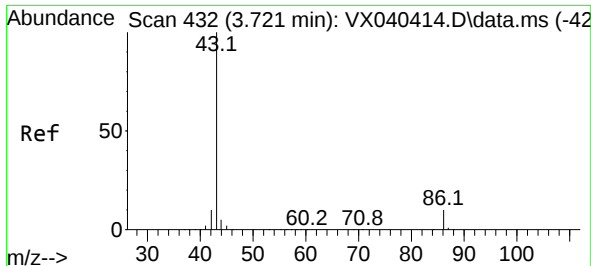
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 106.473 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion: 45 Resp: 351390
Ion Ratio Lower Upper
45 100
43 72.5 69.7 104.5
87 26.4 20.8 31.2
59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 545.448 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 164285

Ion Ratio Lower Upper

43 100

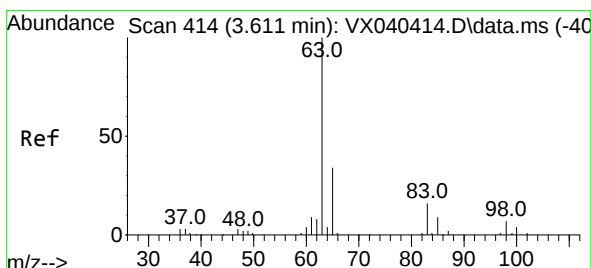
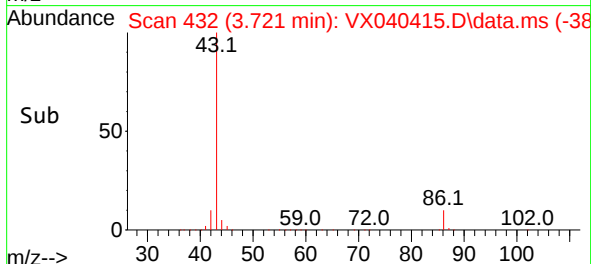
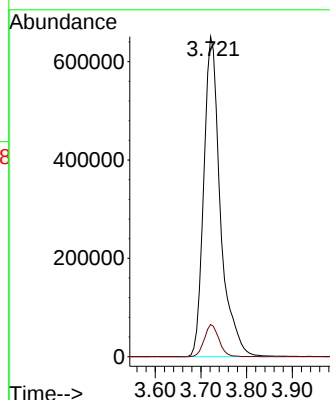
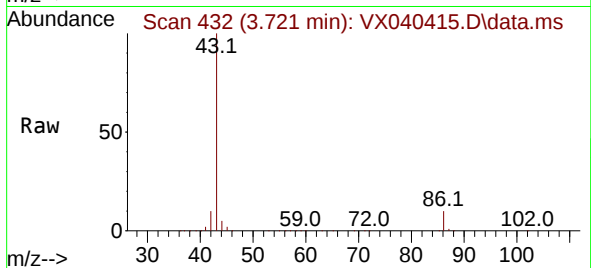
86 10.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#24

1,1-Dichloroethane

Concen: 105.912 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.006 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

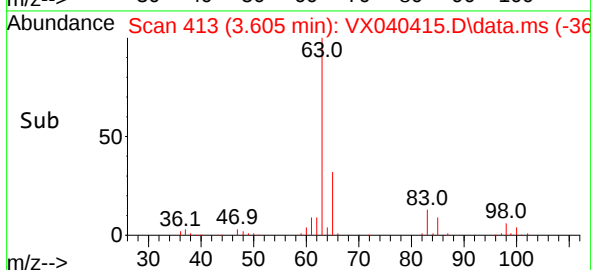
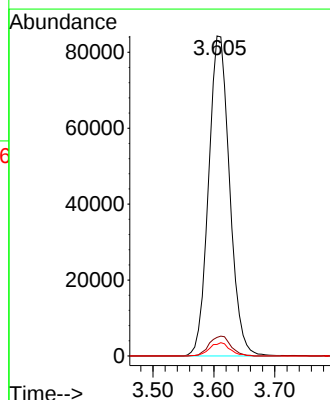
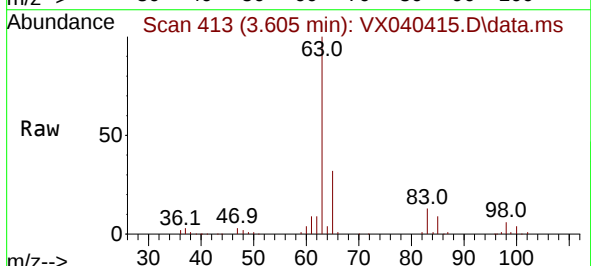
Tgt Ion: 63 Resp: 202130

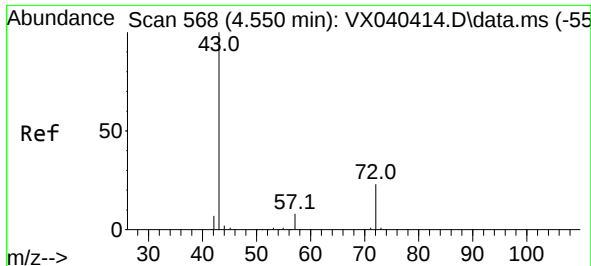
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 3.6 2.1 6.5





#25

2-Butanone

Concen: 527.958 ug/l

RT: 4.556 min Scan# 50

Delta R.T. 0.006 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 45692

Ion Ratio Lower Upper

43 100

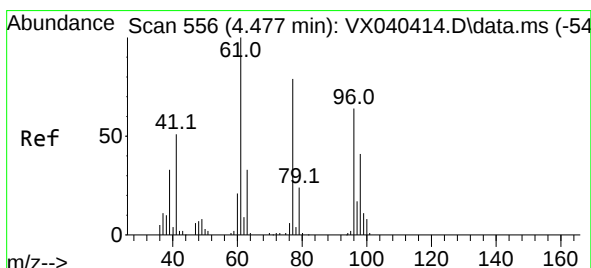
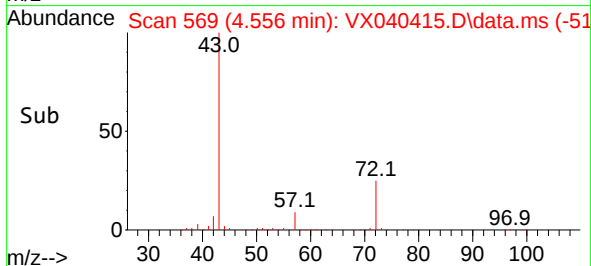
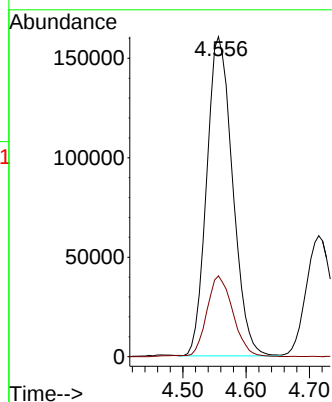
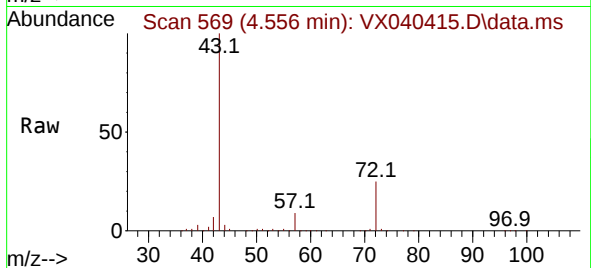
72 25.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#26

2,2-Dichloropropane

Concen: 108.119 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX040415.D

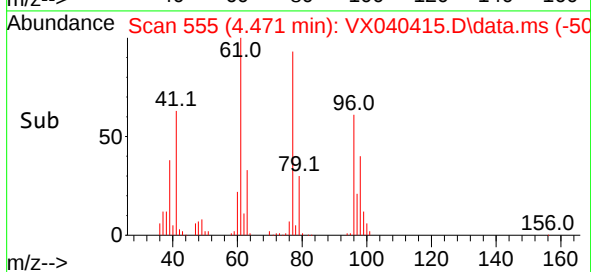
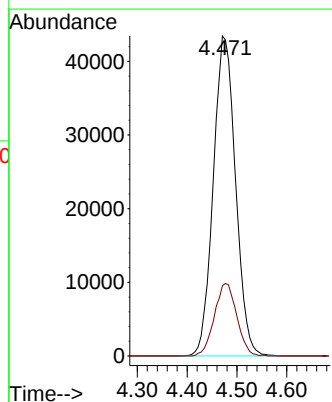
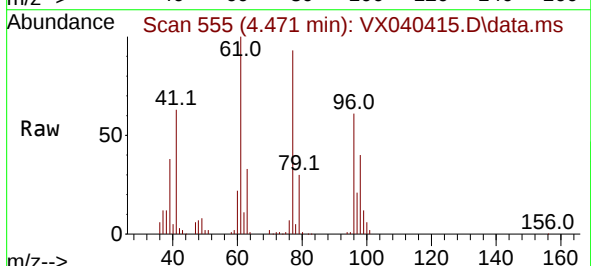
Acq: 22 Feb 2024 23:04

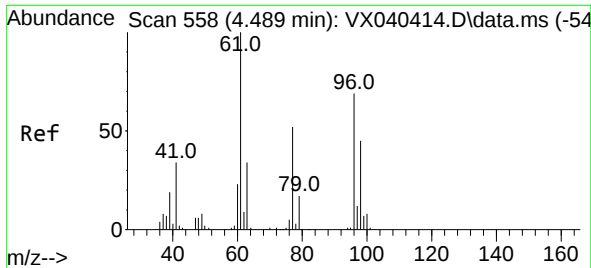
Tgt Ion: 77 Resp: 134681

Ion Ratio Lower Upper

77 100

97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 105.903 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 12038

Ion Ratio Lower Upper

96 100

61 152.2 0.0 312.2

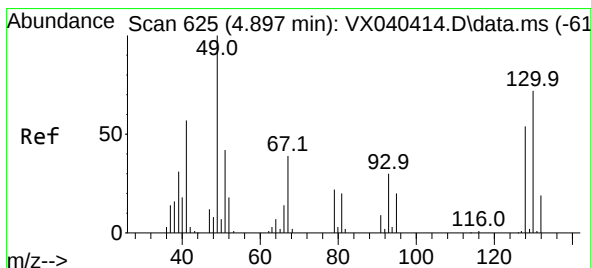
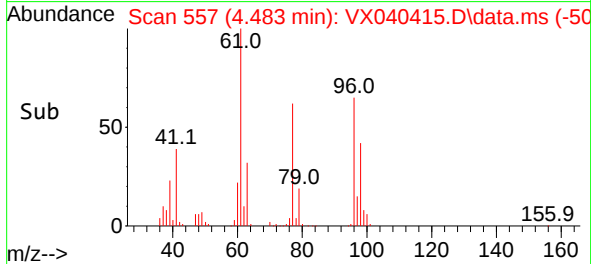
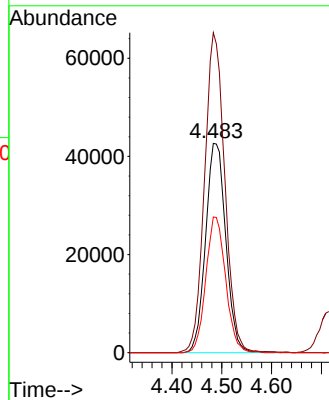
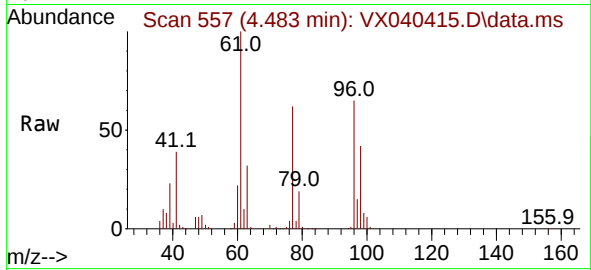
98 63.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#28

Bromochloromethane

Concen: 93.865 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

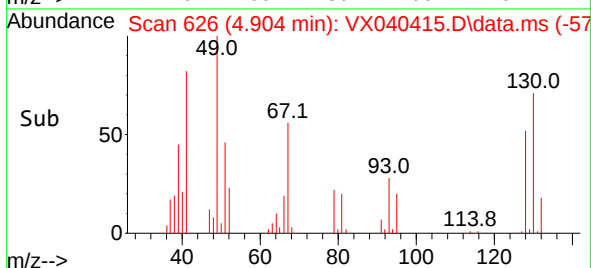
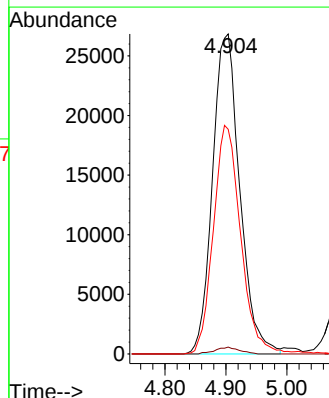
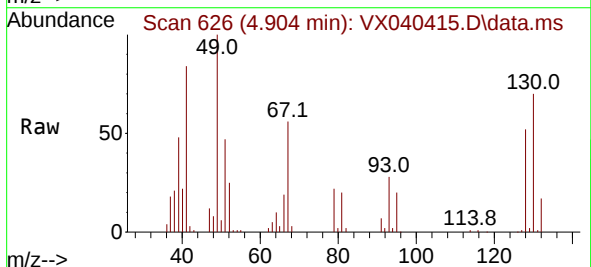
Tgt Ion: 49 Resp: 83554

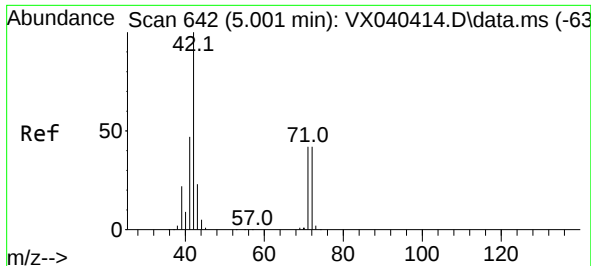
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 525.705 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 30286

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.4

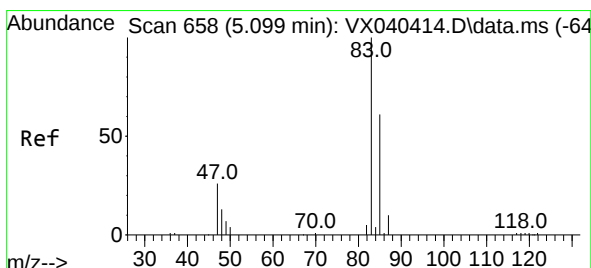
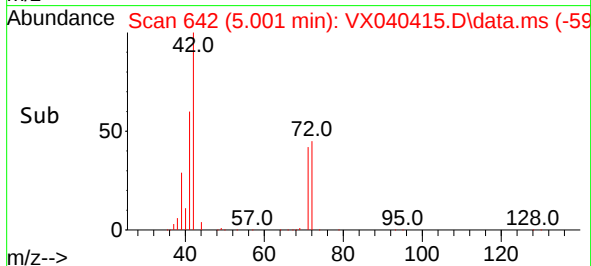
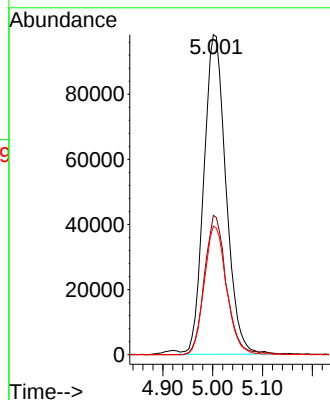
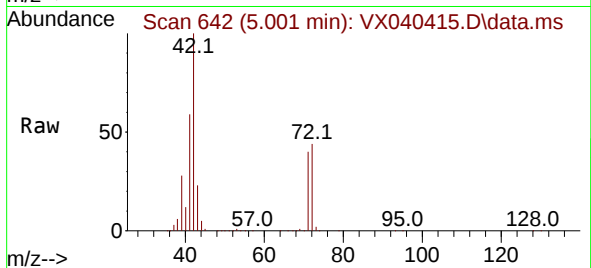
71 40.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 104.073 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040415.D

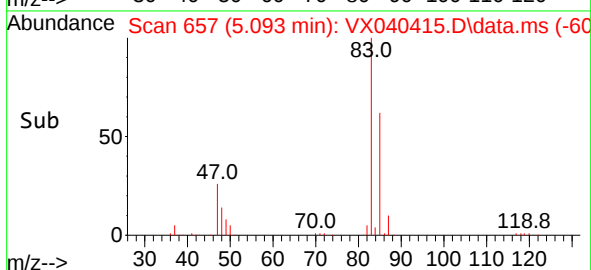
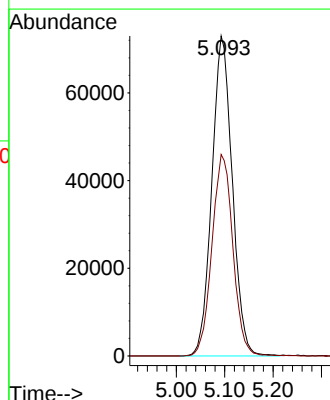
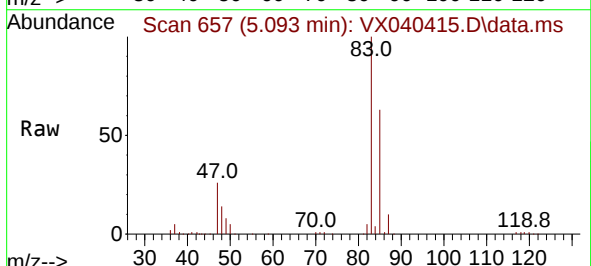
Acq: 22 Feb 2024 23:04

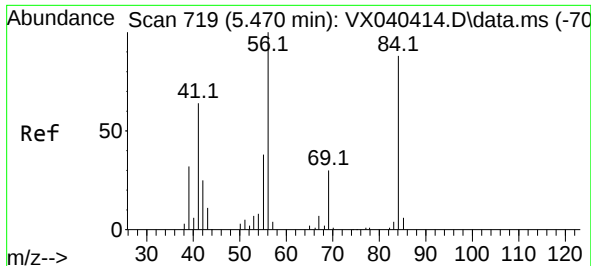
Tgt Ion: 83 Resp: 214069

Ion Ratio Lower Upper

83 100

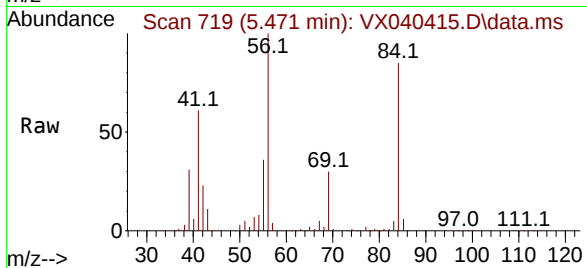
85 62.9 50.3 75.5





#31
Cyclohexane
Concen: 106.170 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

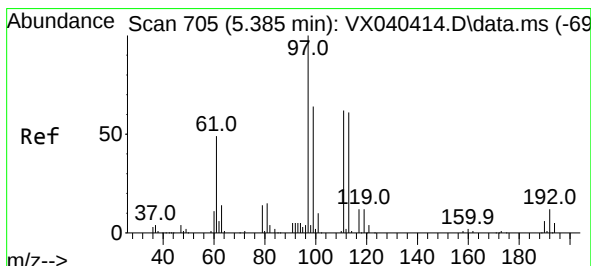
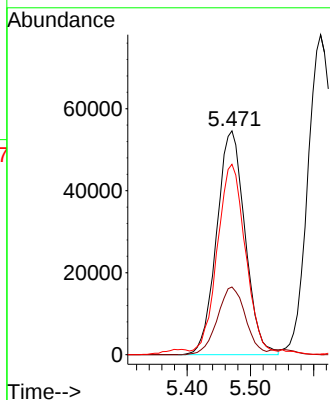
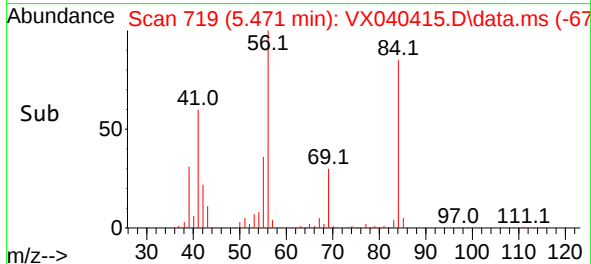
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



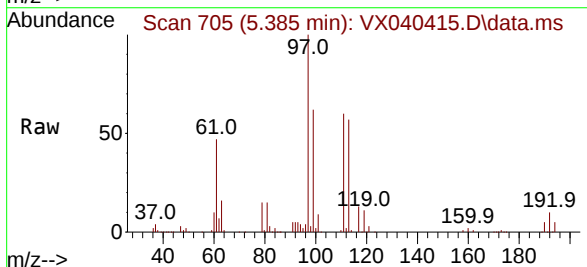
Tgt Ion: 56 Resp: 169584
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 83.6 65.9 98.9

Manual Integrations
APPROVED

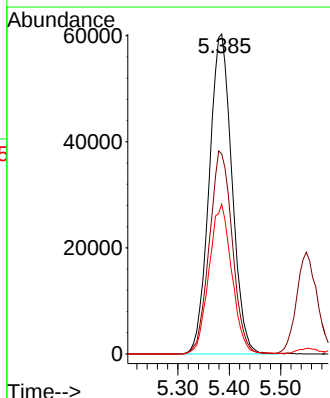
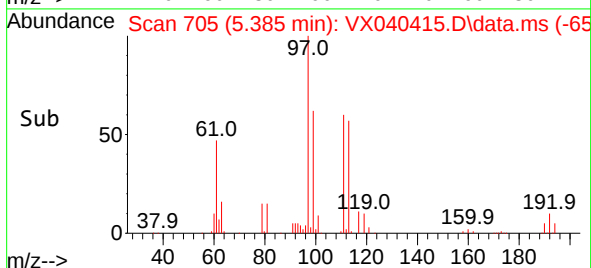
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

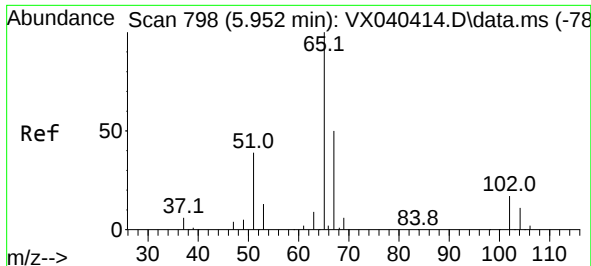


#32
1,1,1-Trichloroethane
Concen: 109.020 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04



Tgt Ion: 97 Resp: 185645
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 47.0 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 102.960 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

Client SampleId :

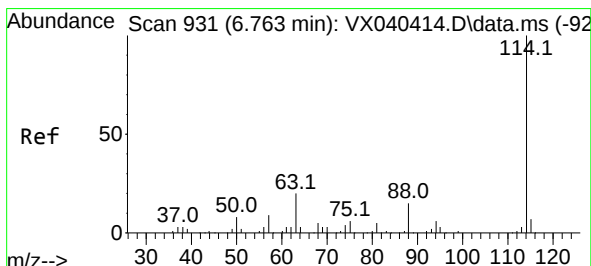
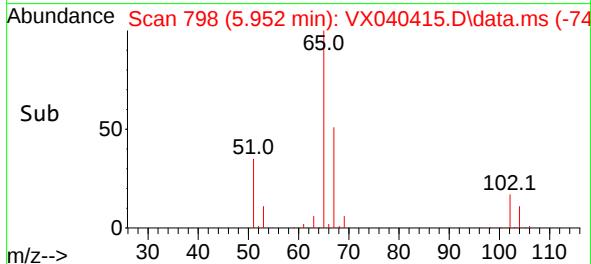
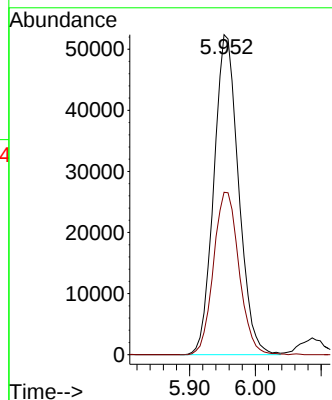
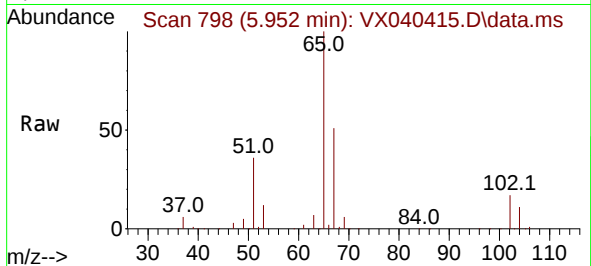
VSTDIC100

Tgt Ion: 65 Resp: 137172
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

Manual Integrations

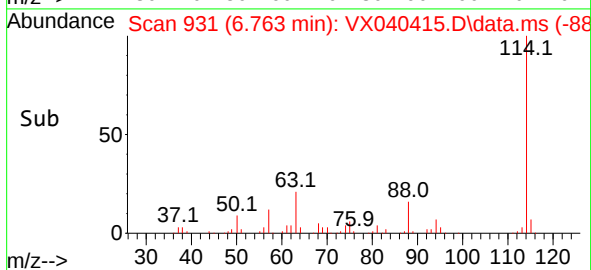
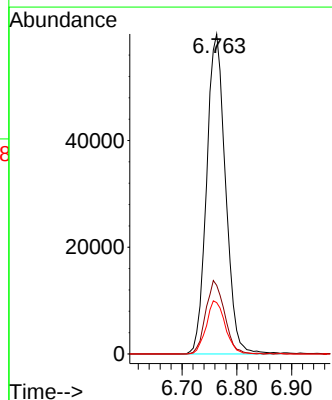
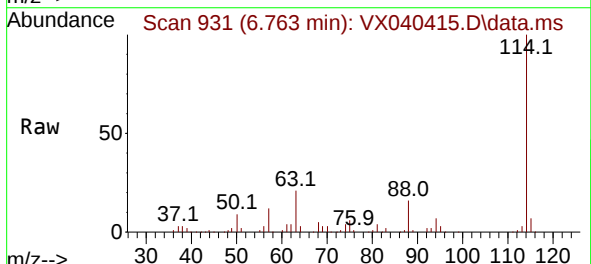
APPROVED

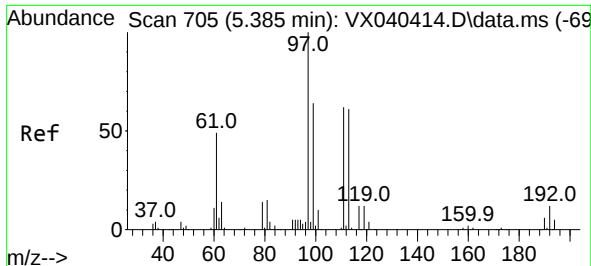
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

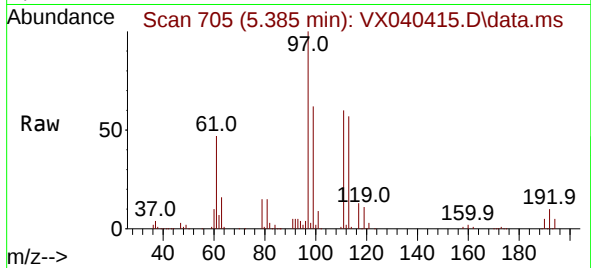
Tgt Ion:114 Resp: 143110
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 104.271 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

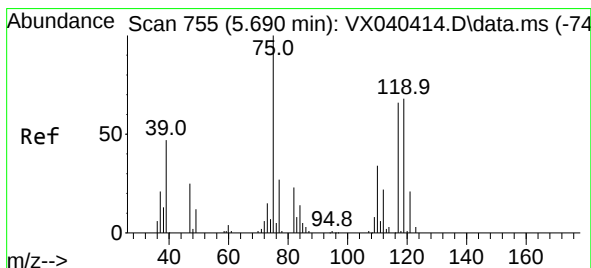
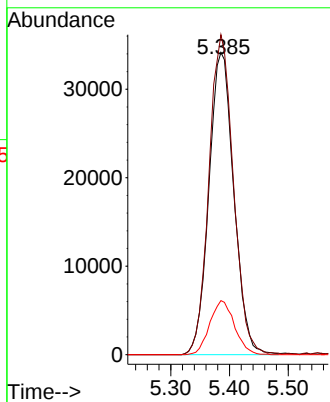
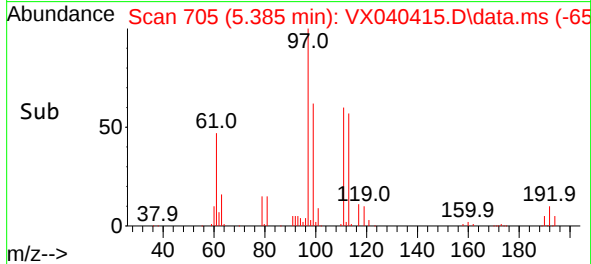
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:113 Resp: 10055
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 17.8 13.3 19.9

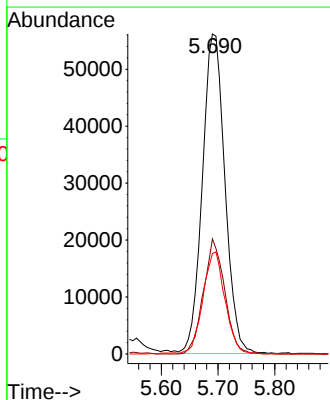
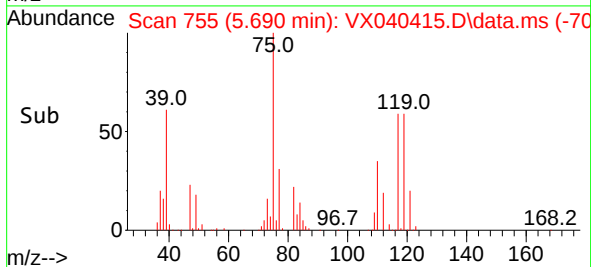
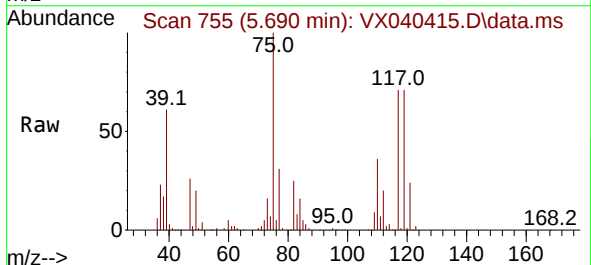
Manual Integrations
APPROVED

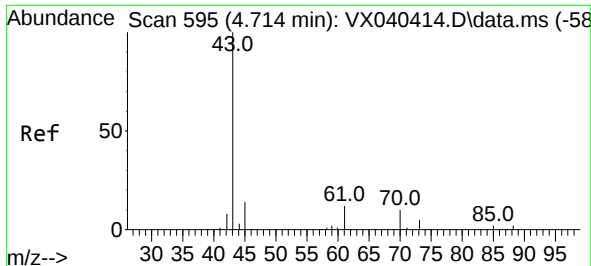
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#36
1,1-Dichloropropene
Concen: 103.949 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion: 75 Resp: 155142
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 104.511 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 178210

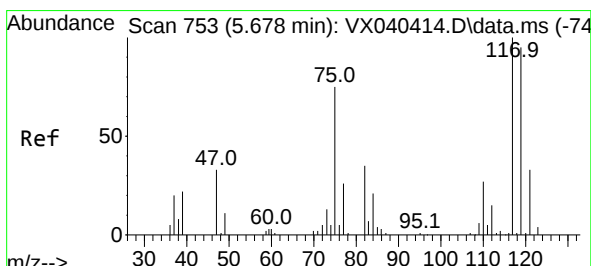
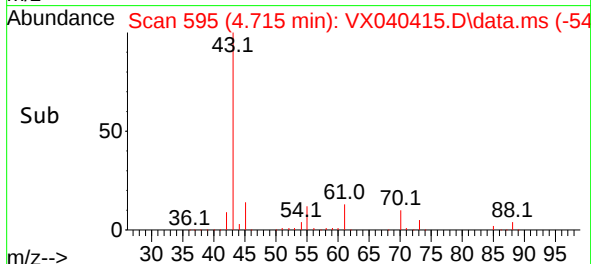
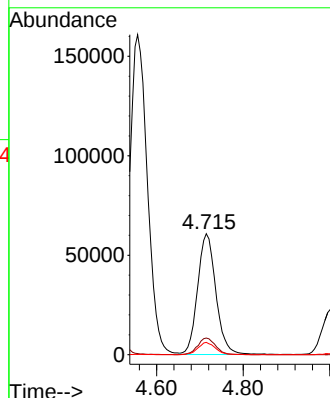
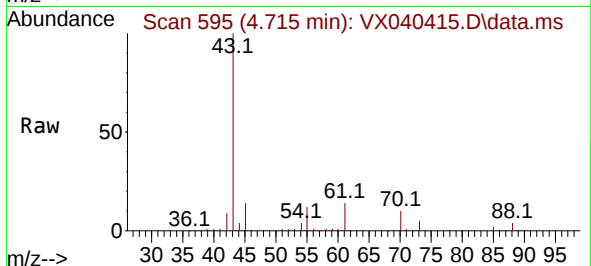
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	16.0
70	9.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#38

Carbon Tetrachloride

Concen: 111.508 ug/l

RT: 5.678 min Scan# 753

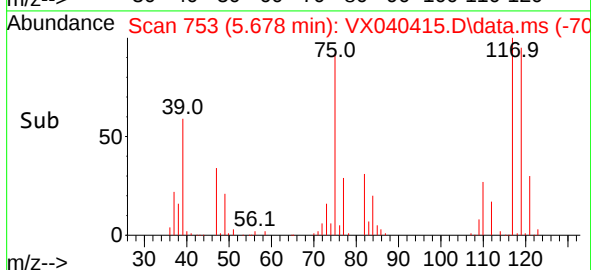
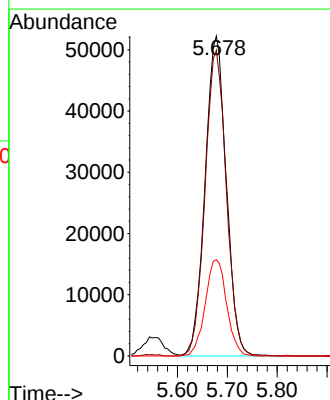
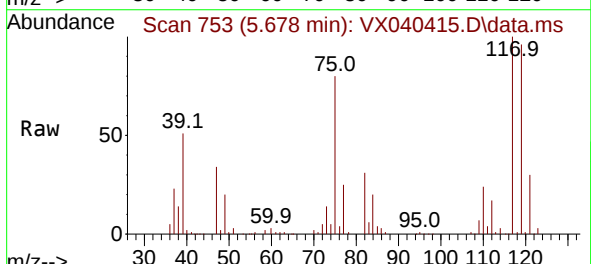
Delta R.T. 0.000 min

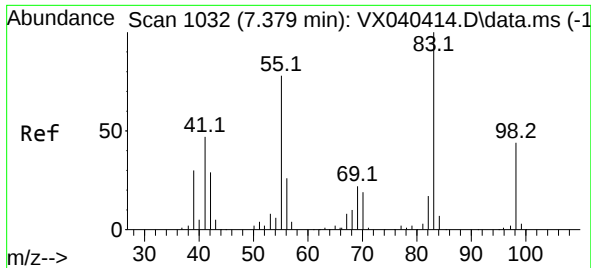
Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Tgt Ion:117 Resp: 153977

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.2	117.2
121	30.0	24.4	36.6





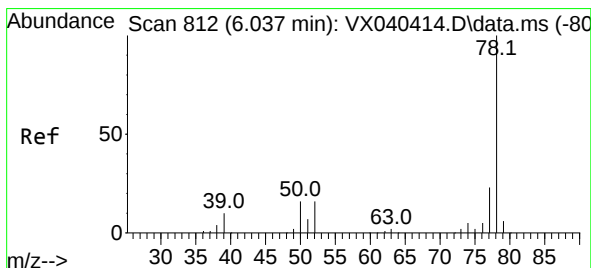
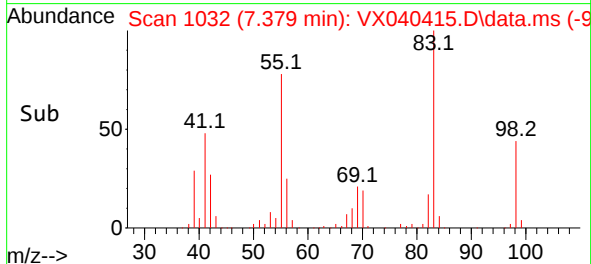
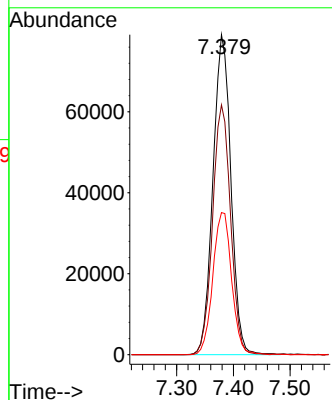
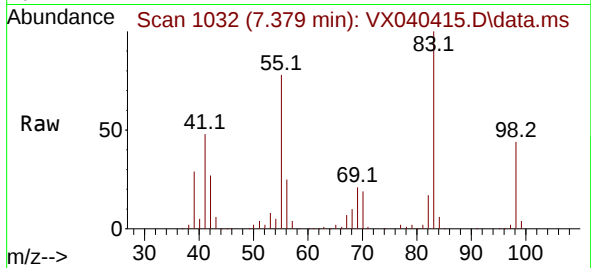
#39
Methylcyclohexane
Concen: 109.998 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 173989
Ion Ratio Lower Upper
83 100
55 78.1 64.6 97.0
98 44.4 36.7 55.1

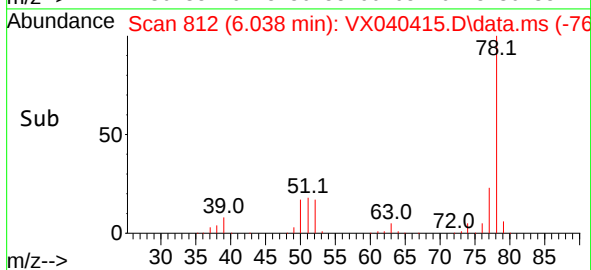
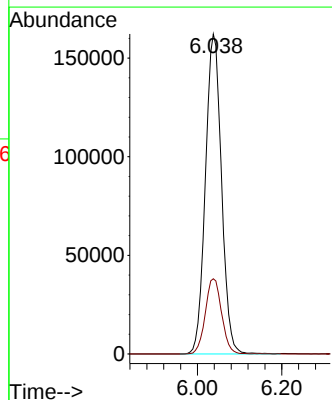
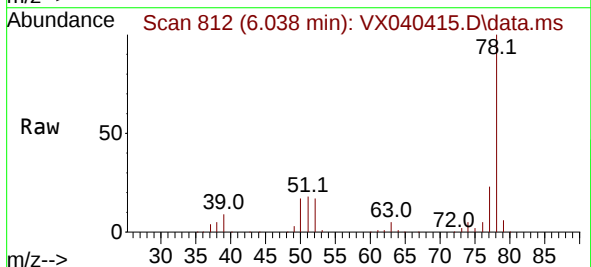
Manual Integrations
APPROVED

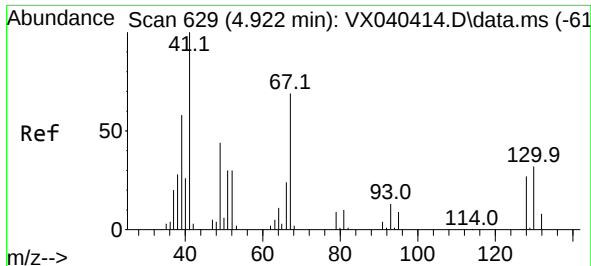
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#40
Benzene
Concen: 106.034 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion: 78 Resp: 430522
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





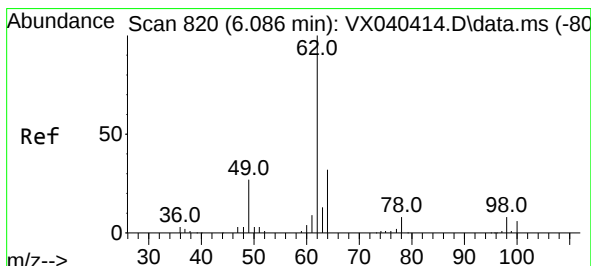
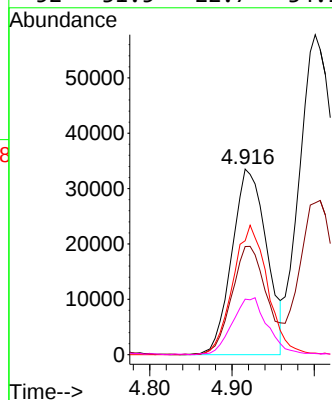
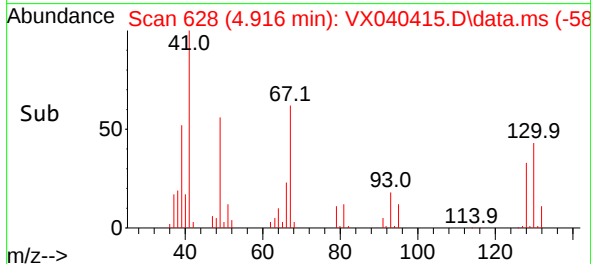
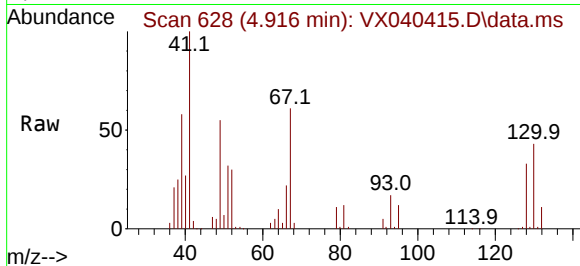
#41
Methacrylonitrile
Concen: 108.848 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 9855
Ion Ratio Lower Upper
41 100
39 60.3 45.2 67.8
67 70.0 52.6 78.8
52 31.5 22.7 34.1

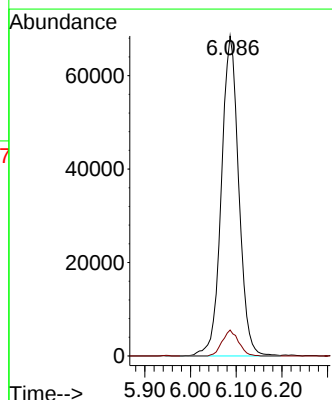
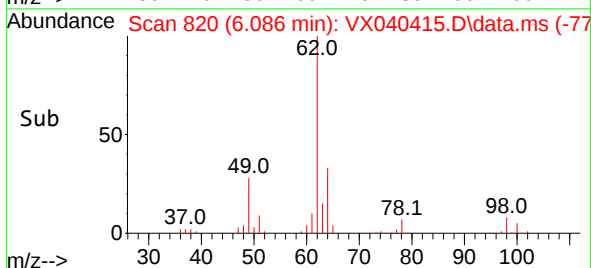
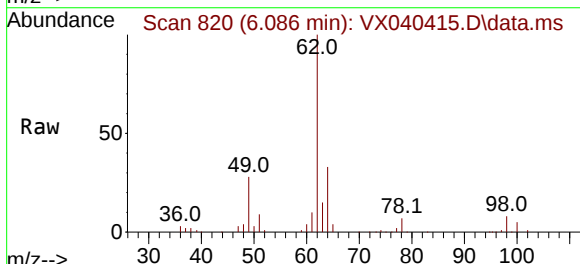
Manual Integrations
APPROVED

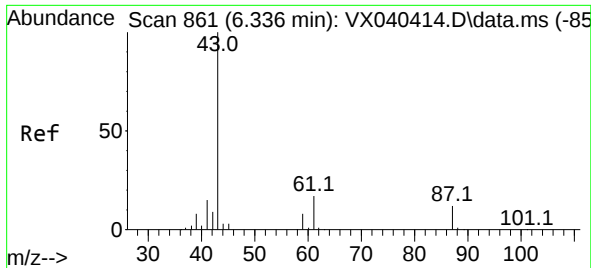
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 107.426 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion: 62 Resp: 181271
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





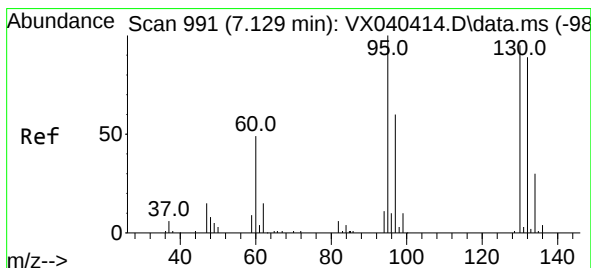
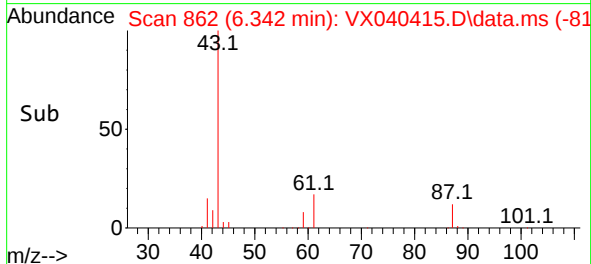
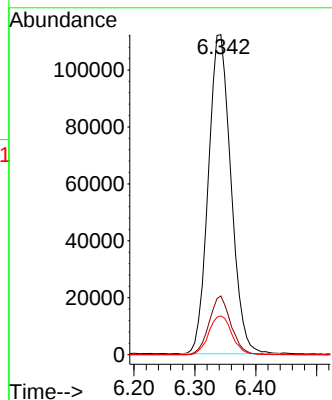
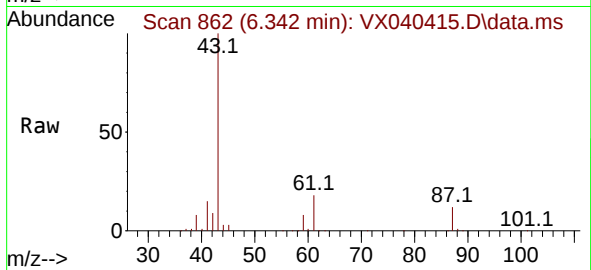
#43
Isopropyl Acetate
Concen: 110.540 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 28922
Ion Ratio Lower Upper
43 100
61 17.7 15.2 22.8
87 12.4 9.8 14.6

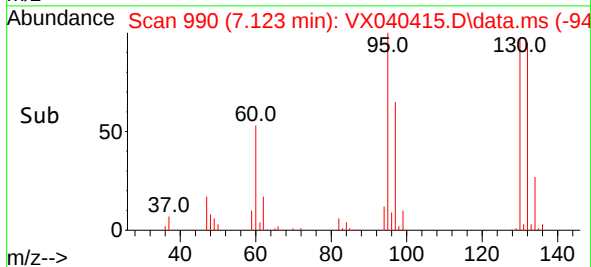
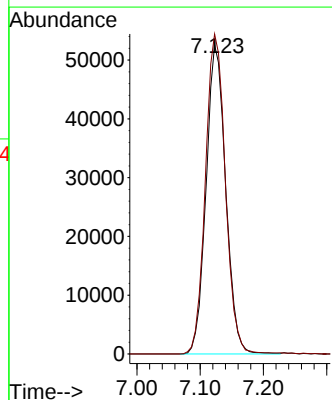
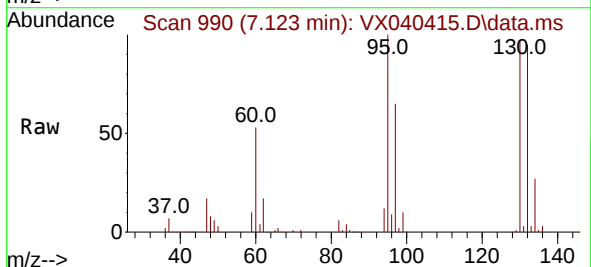
Manual Integrations
APPROVED

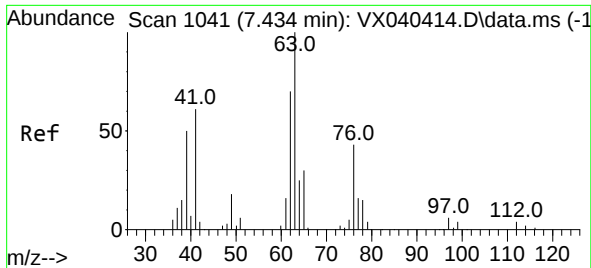
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#44
Trichloroethene
Concen: 106.815 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion:130 Resp: 113428
Ion Ratio Lower Upper
130 100
95 103.6 0.0 204.4





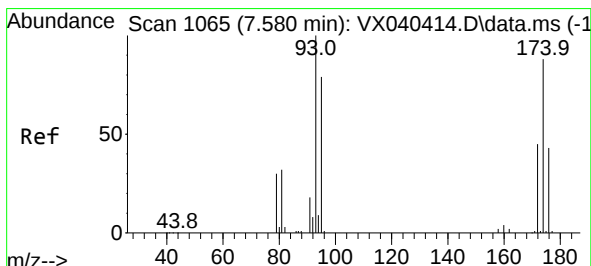
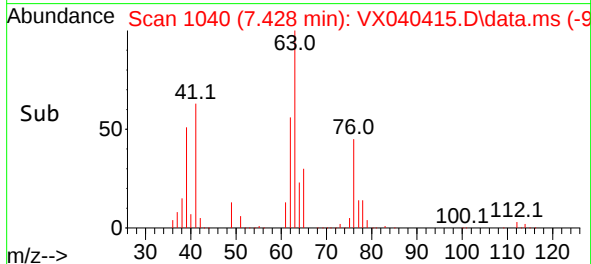
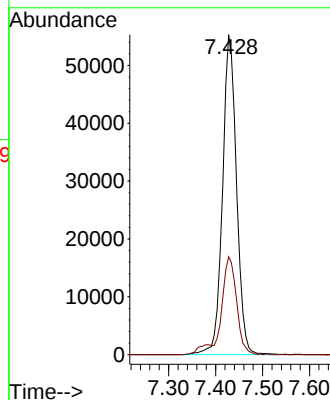
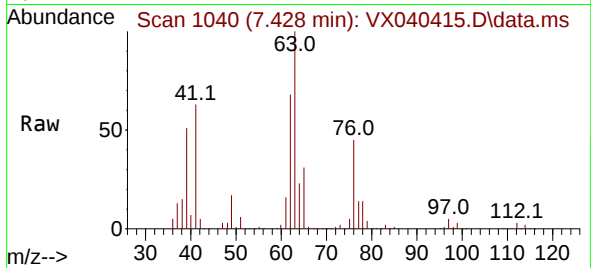
#45
1,2-Dichloropropane
Concen: 106.318 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 11520
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5

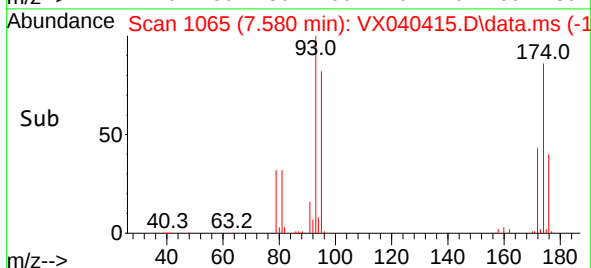
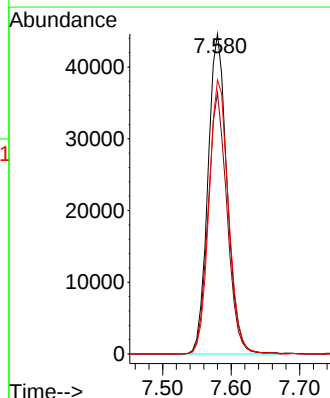
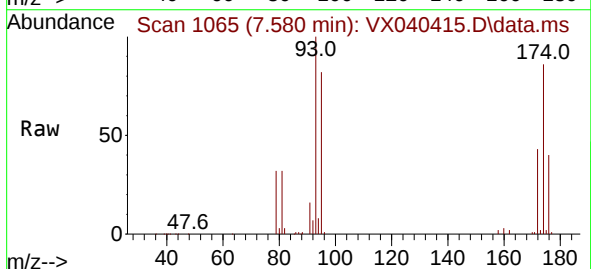
Manual Integrations
APPROVED

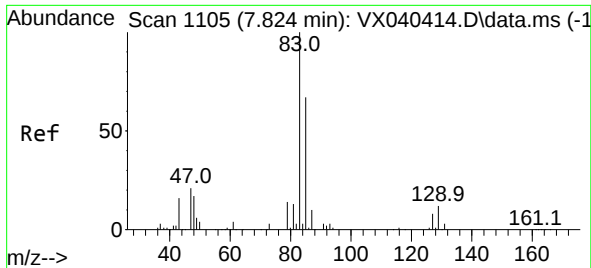
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#46
Dibromomethane
Concen: 106.784 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

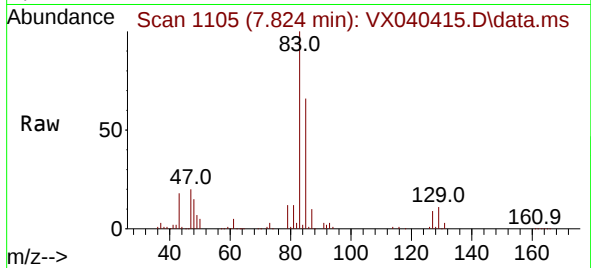
Tgt Ion: 93 Resp: 86810
Ion Ratio Lower Upper
93 100
95 81.1 66.6 100.0
174 87.0 69.4 104.0





#47
Bromodichloromethane
Concen: 110.457 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

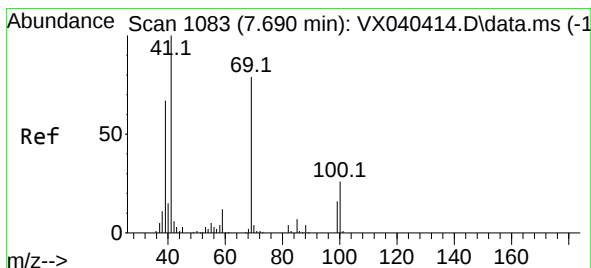
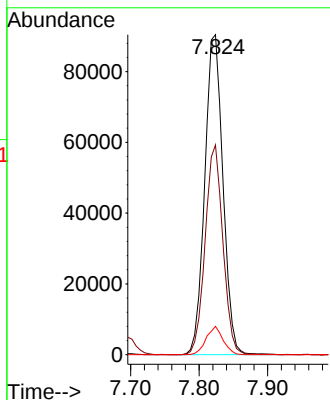
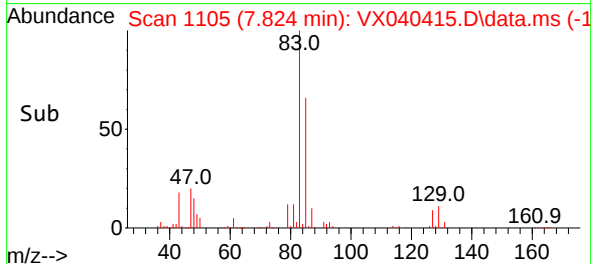
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



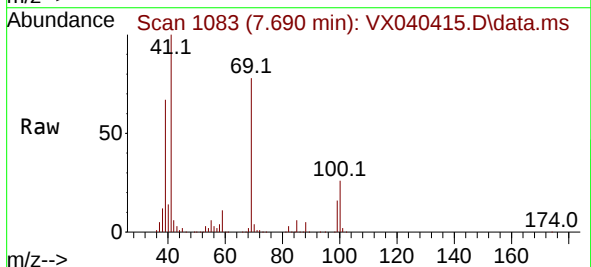
Tgt Ion: 83 Resp: 167119
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 8.9 7.1 10.7

Manual Integrations
APPROVED

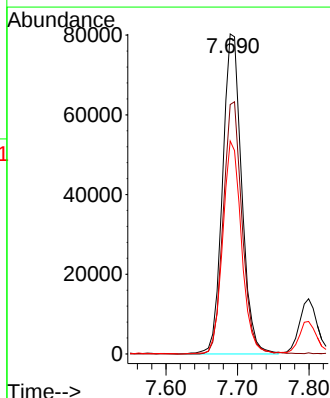
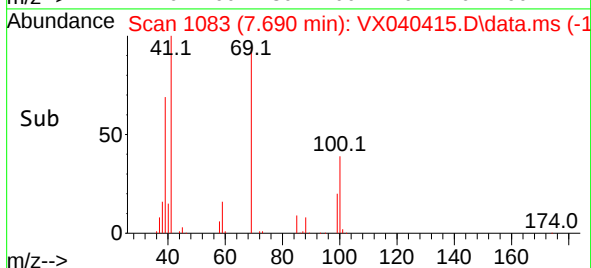
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

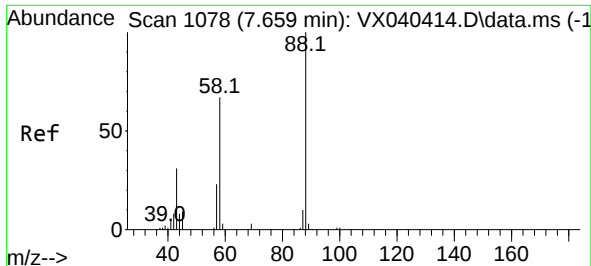


#48
Methyl methacrylate
Concen: 115.067 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04



Tgt Ion: 41 Resp: 149098
Ion Ratio Lower Upper
41 100
69 77.9 59.2 88.8
39 65.4 47.7 71.5





#49

1,4-Dioxane

Concen: 2287.267 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 59738

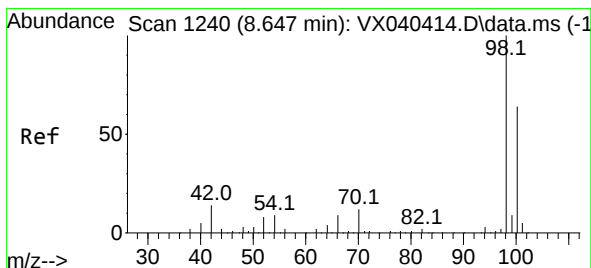
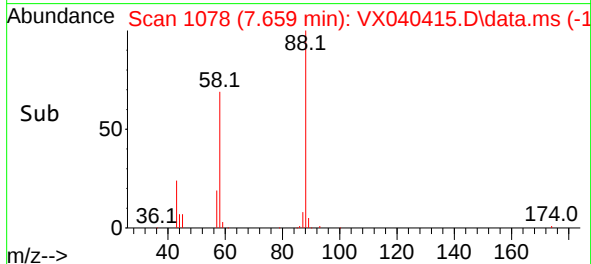
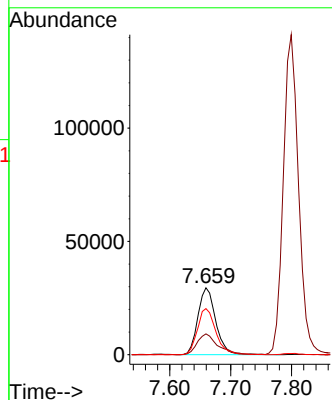
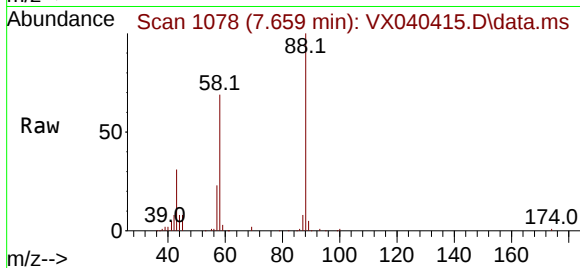
Ion	Ratio	Lower	Upper
88	100		
43	36.3	0.0	0.0
58	71.3	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#50

Toluene-d8

Concen: 105.687 ug/l

RT: 8.647 min Scan# 1240

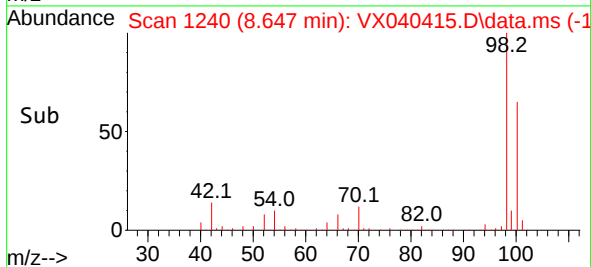
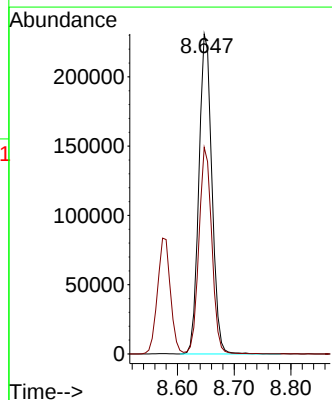
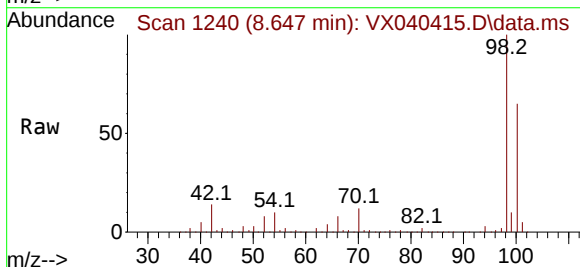
Delta R.T. 0.000 min

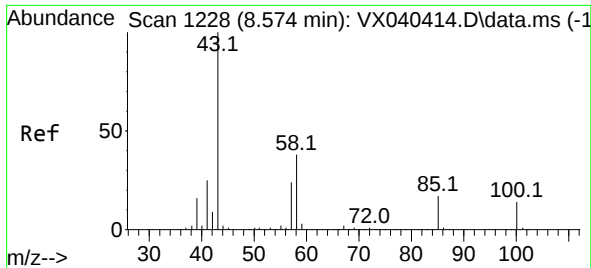
Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Tgt Ion: 98 Resp: 368155

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.1	79.7





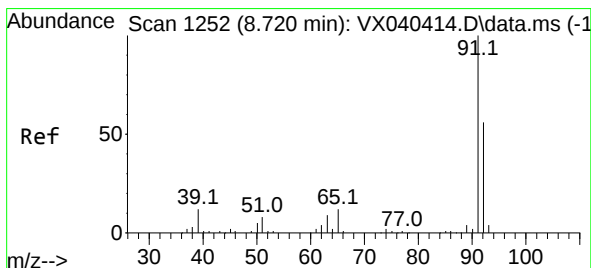
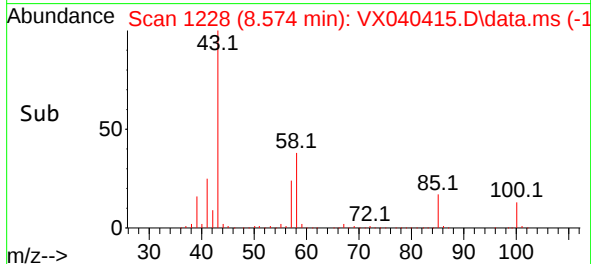
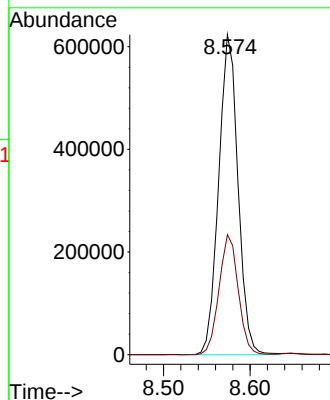
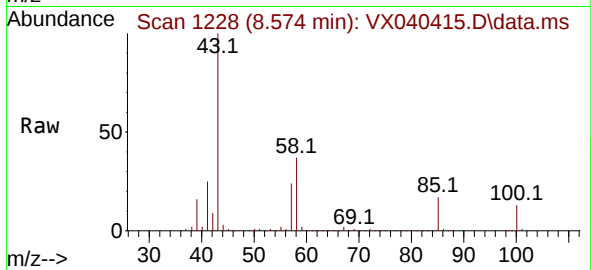
#51
4-Methyl-2-Pentanone
Concen: 543.451 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 965738
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

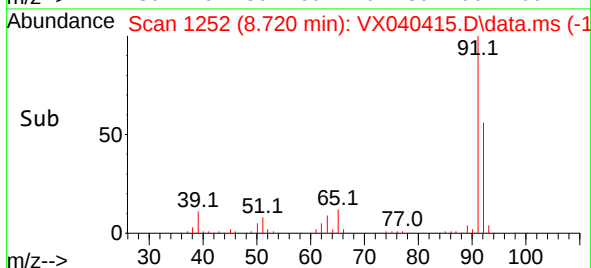
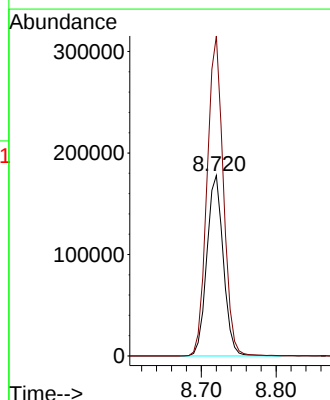
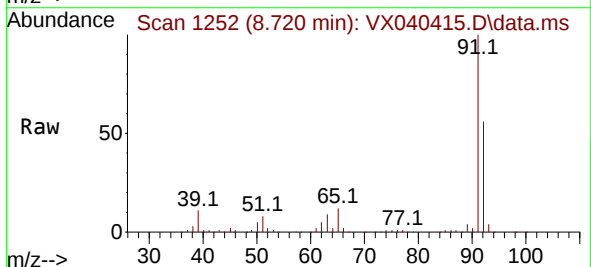
Manual Integrations
APPROVED

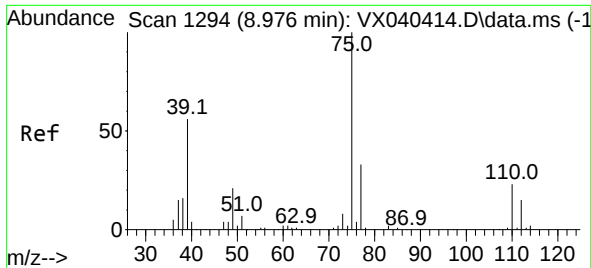
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#52
Toluene
Concen: 109.159 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion: 92 Resp: 271611
Ion Ratio Lower Upper
92 100
91 175.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 117.290 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 178910

Ion Ratio Lower Upper

75 100

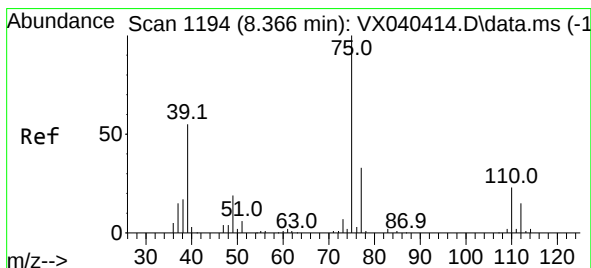
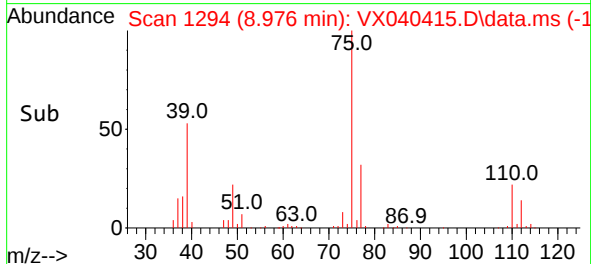
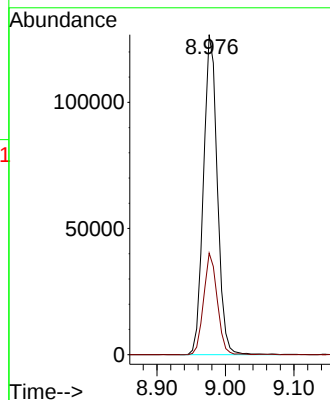
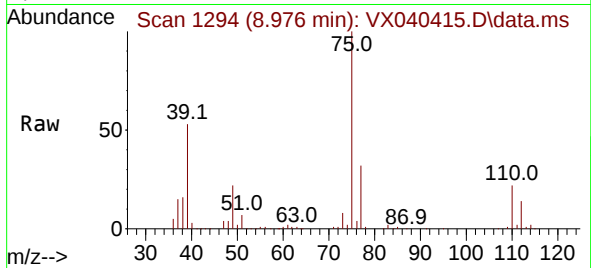
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#54

cis-1,3-Dichloropropene

Concen: 113.033 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

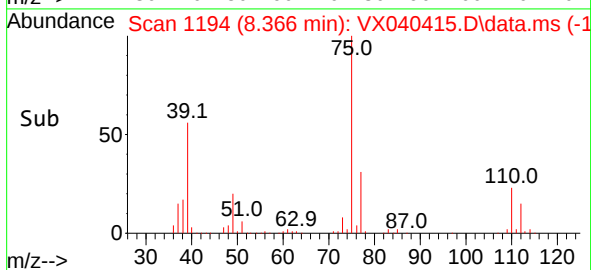
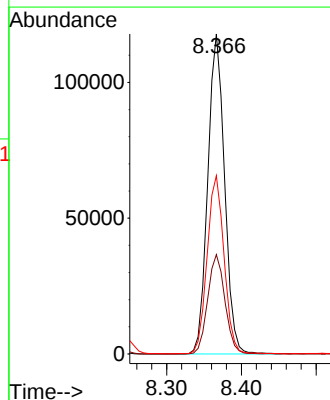
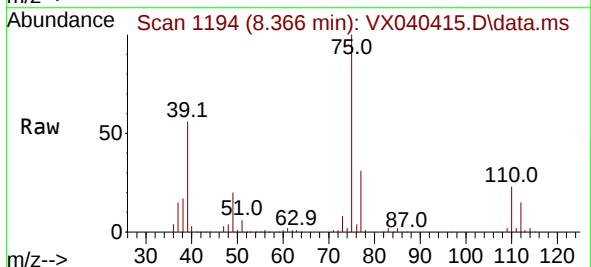
Tgt Ion: 75 Resp: 183671

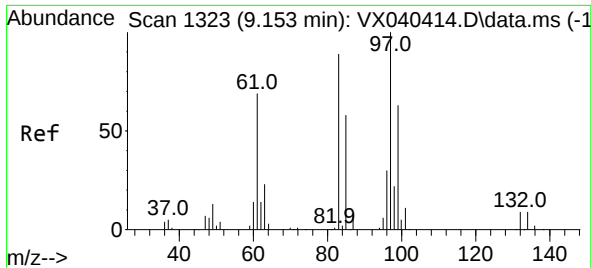
Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

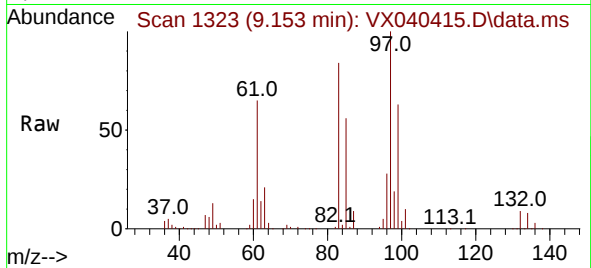
39 55.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 108.712 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

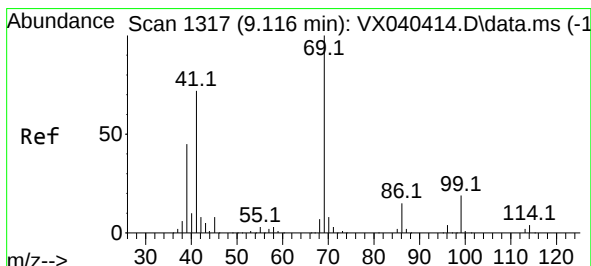
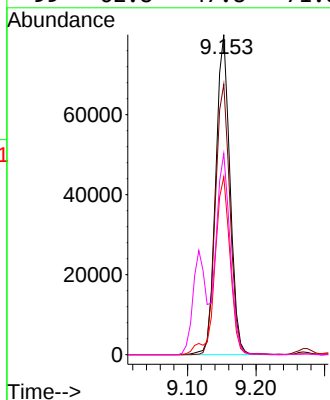
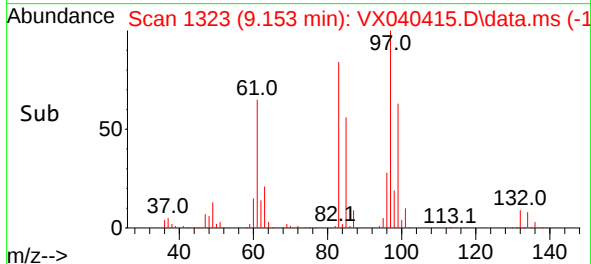


Tgt Ion: 97 Resp: 11582

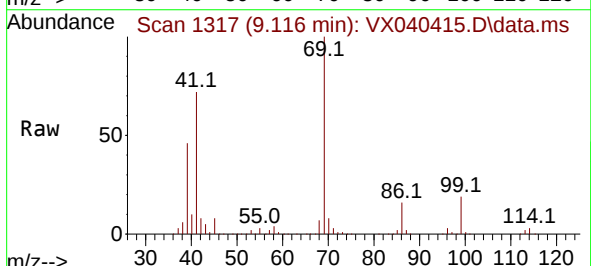
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.8
85	55.6	41.6	62.4
99	62.8	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

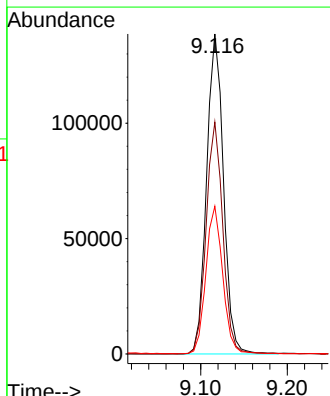
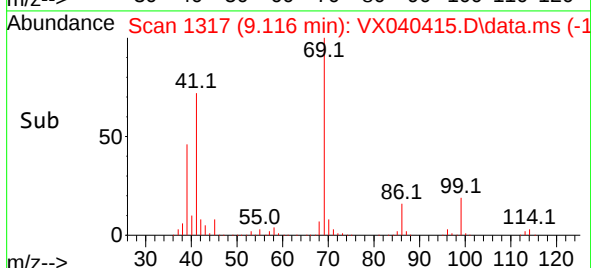


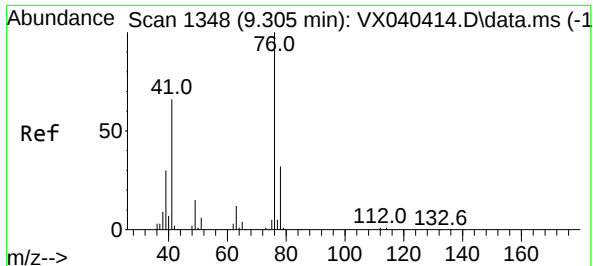
#56
Ethyl methacrylate
Concen: 115.323 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04



Tgt Ion: 69 Resp: 187734

Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.8	85.2
39	46.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 104.629 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 19419

Ion Ratio Lower Upper

76 100

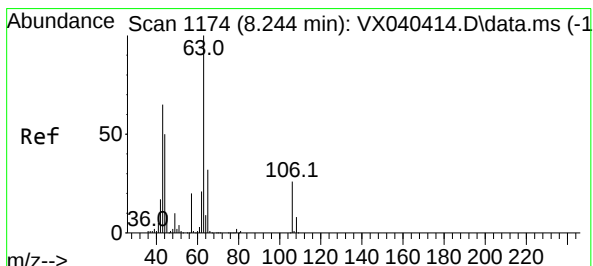
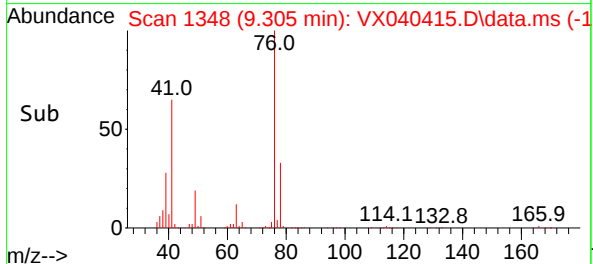
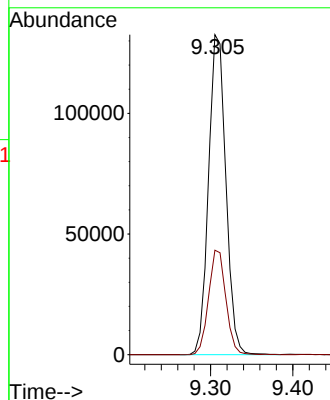
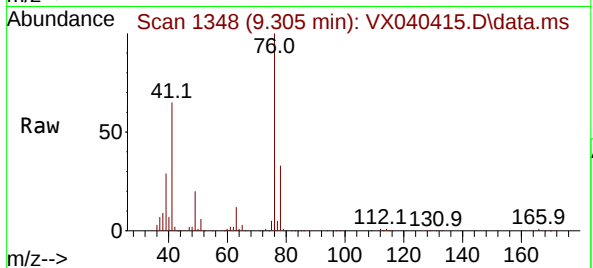
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 547.092 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX040415.D

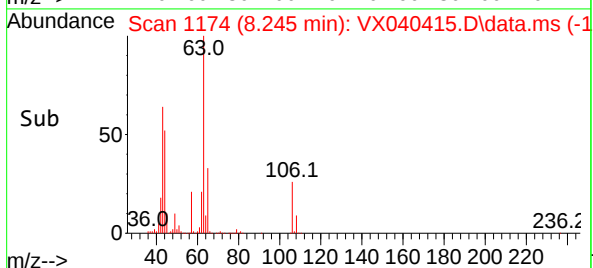
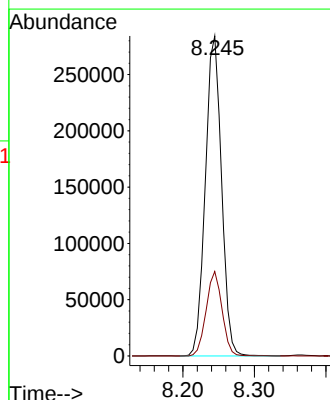
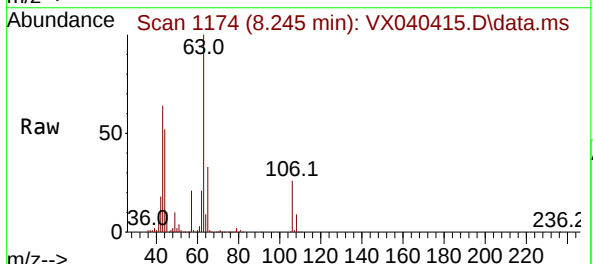
Acq: 22 Feb 2024 23:04

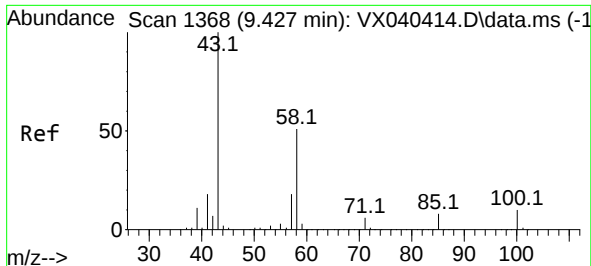
Tgt Ion: 63 Resp: 446571

Ion Ratio Lower Upper

63 100

106 25.9 22.5 33.7





#59

2-Hexanone

Concen: 557.611 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 764220

Ion Ratio Lower Upper

43 100

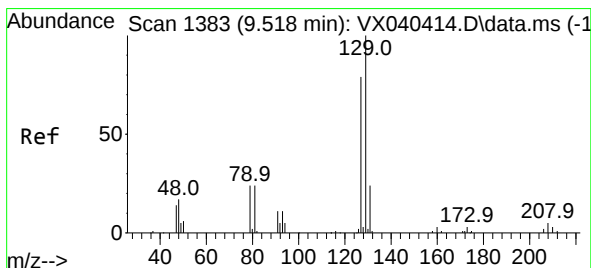
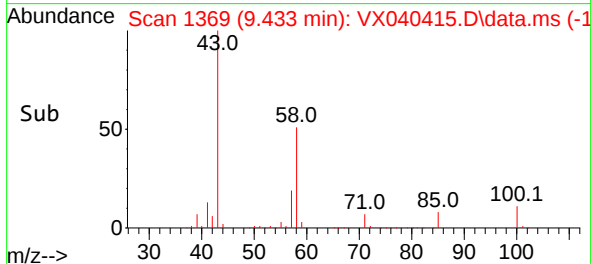
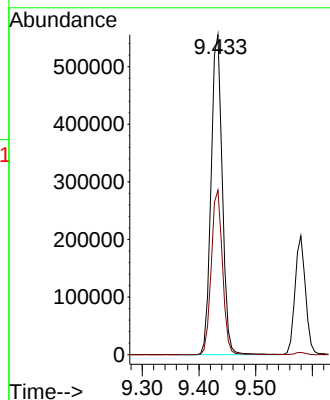
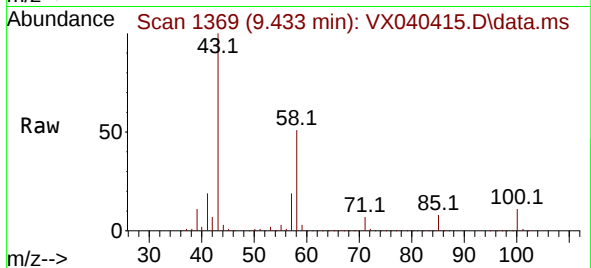
58 51.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#60

Dibromochloromethane

Concen: 114.668 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040415.D

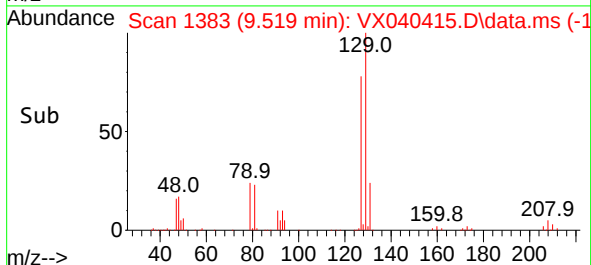
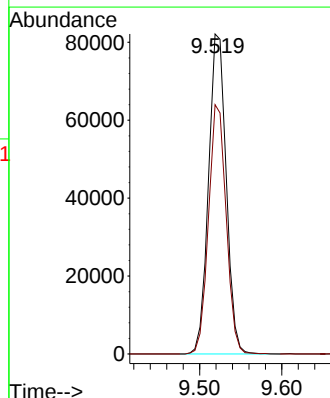
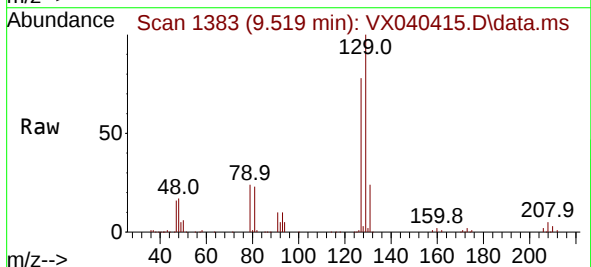
Acq: 22 Feb 2024 23:04

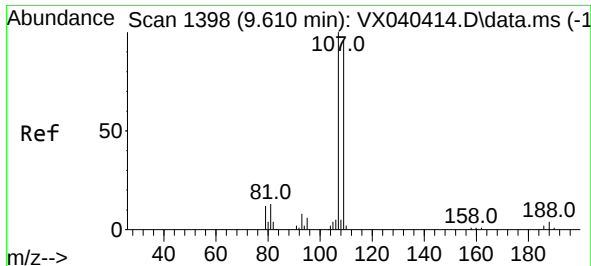
Tgt Ion:129 Resp: 122504

Ion Ratio Lower Upper

129 100

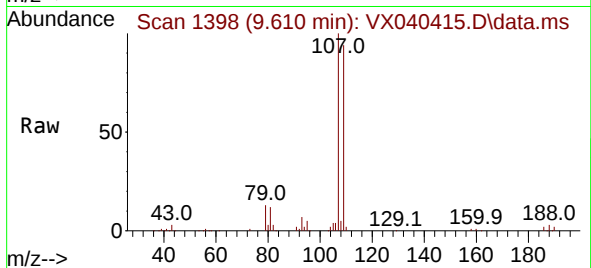
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 107.858 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

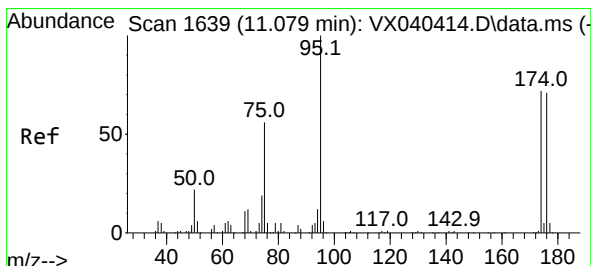
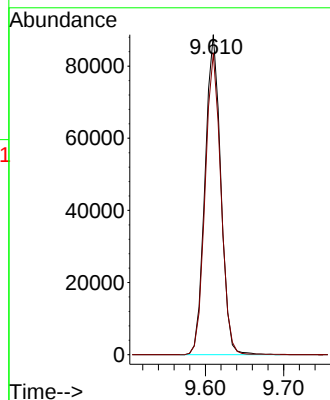
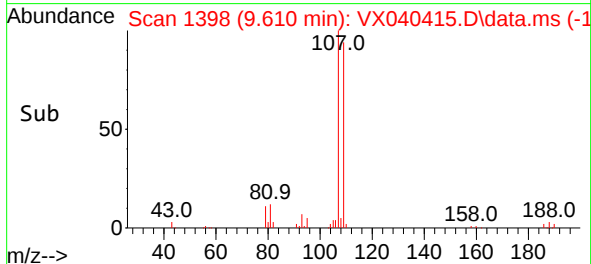
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 12351
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

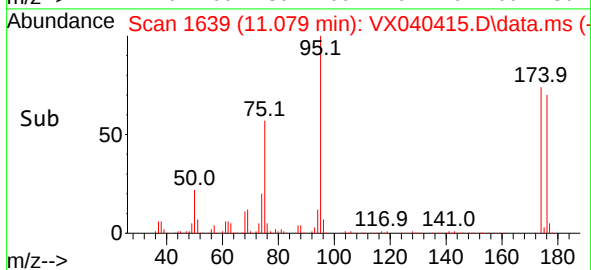
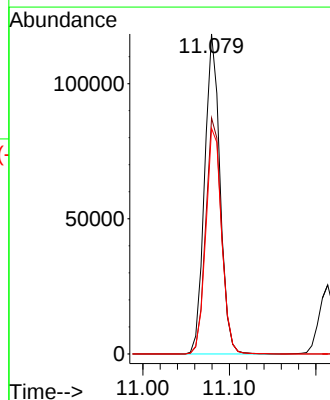
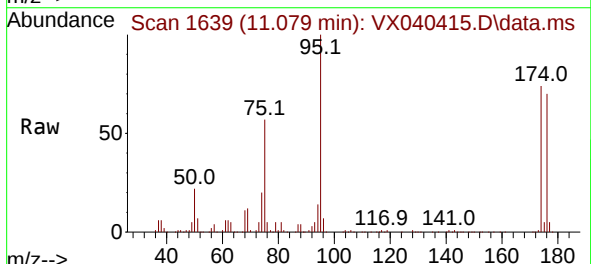
Manual Integrations
APPROVED

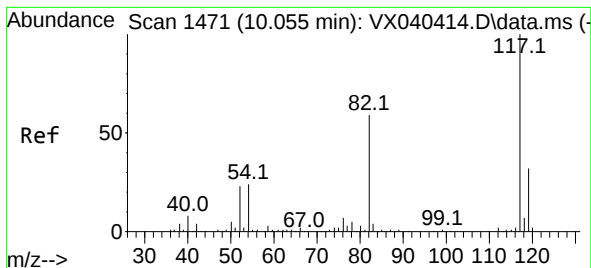
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#62
4-Bromofluorobenzene
Concen: 104.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

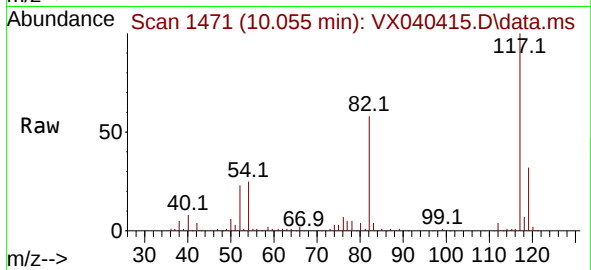
Tgt Ion: 95 Resp: 146265
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 72.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

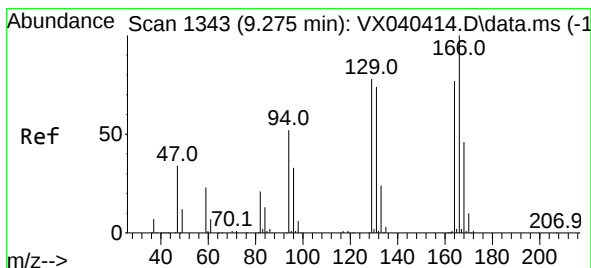
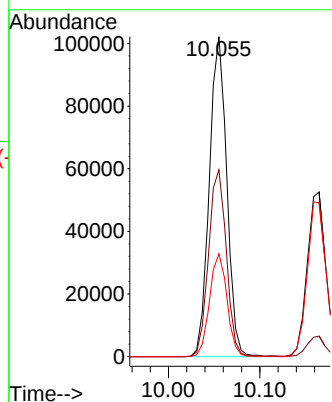
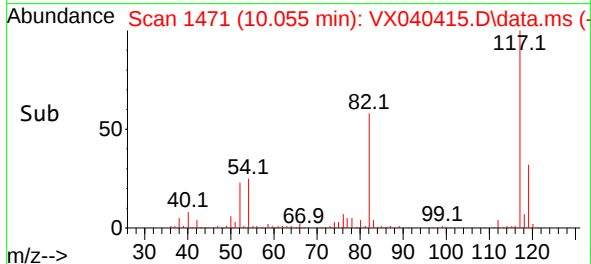
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 135472
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.2 25.5 38.3

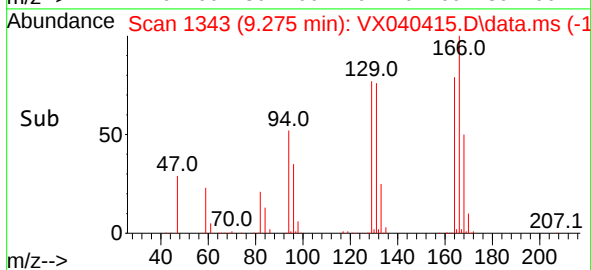
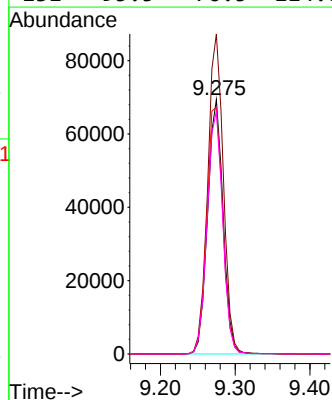
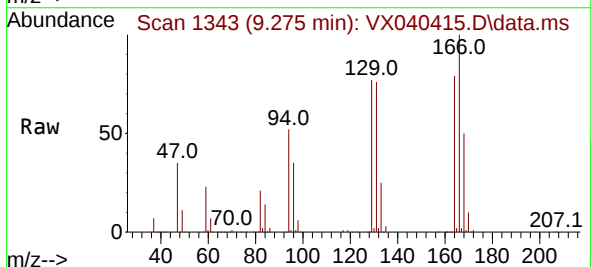
Manual Integrations
APPROVED

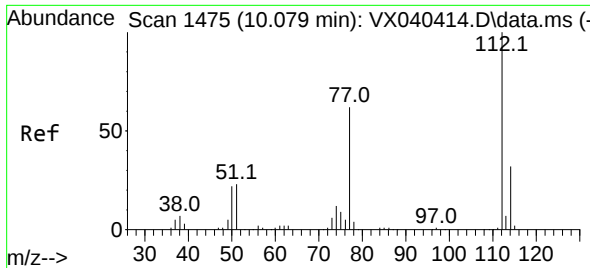
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#64
Tetrachloroethene
Concen: 100.700 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion:164 Resp: 99849
Ion Ratio Lower Upper
164 100
166 125.9 102.7 154.1
129 96.9 80.4 120.6
131 95.5 76.5 114.7





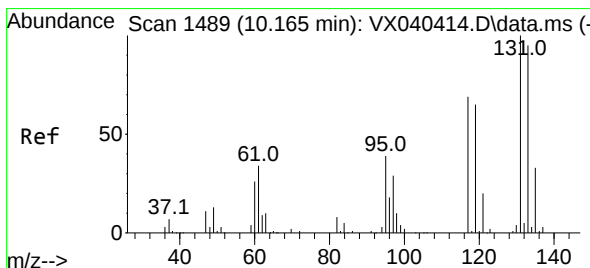
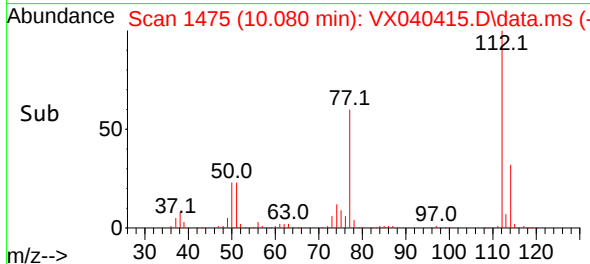
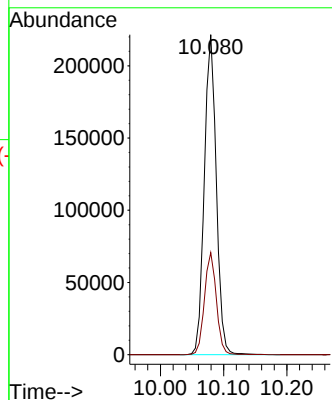
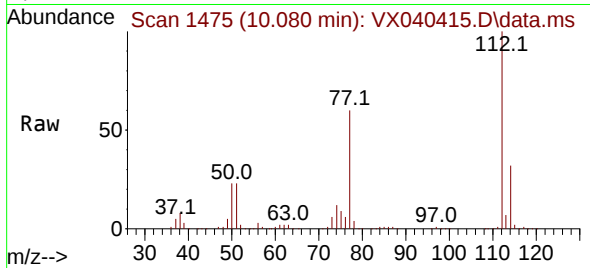
#65
Chlorobenzene
Concen: 107.129 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 29228
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

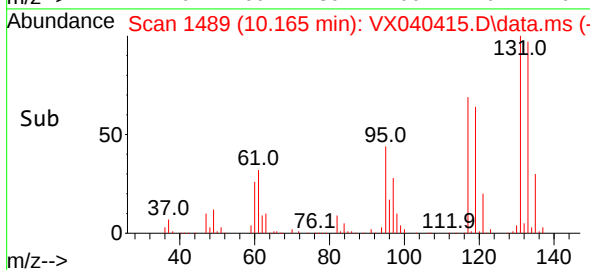
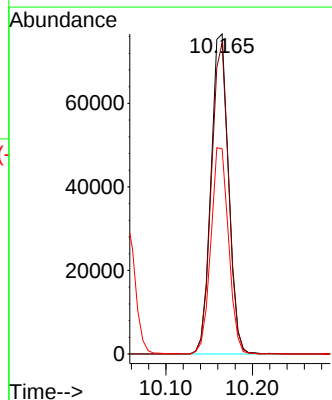
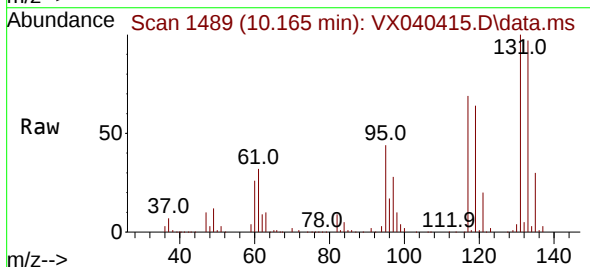
Manual Integrations
APPROVED

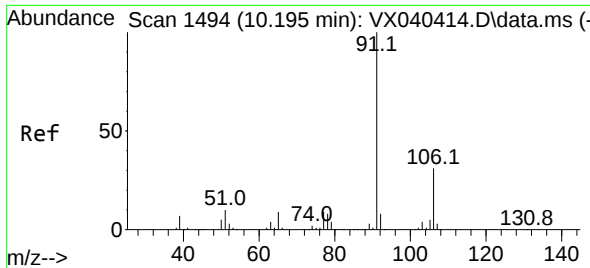
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 113.592 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

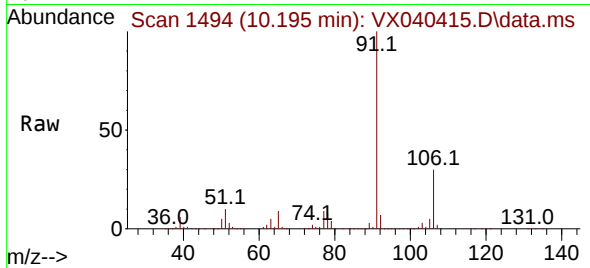
Tgt Ion:131 Resp: 108379
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 108.385 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

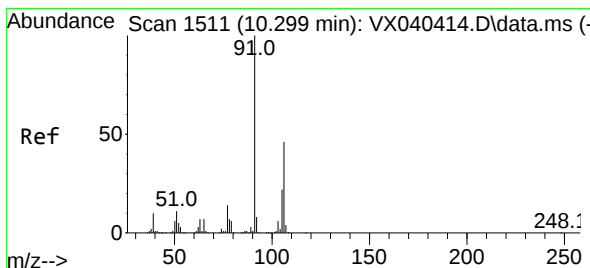
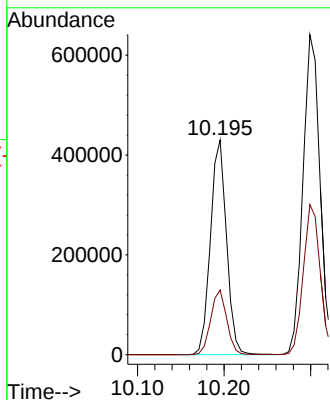
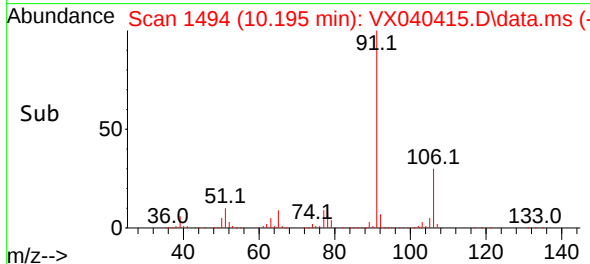
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



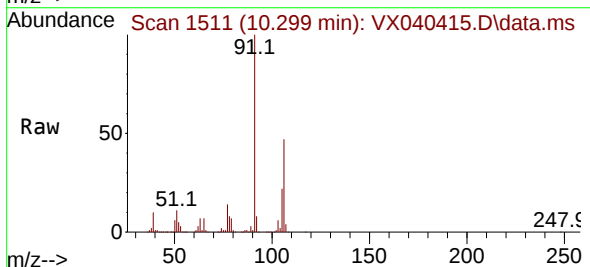
Tgt Ion: 91 Resp: 55472
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

Manual Integrations
APPROVED

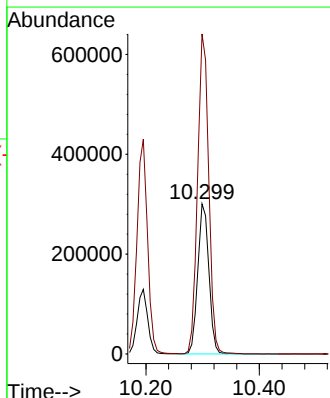
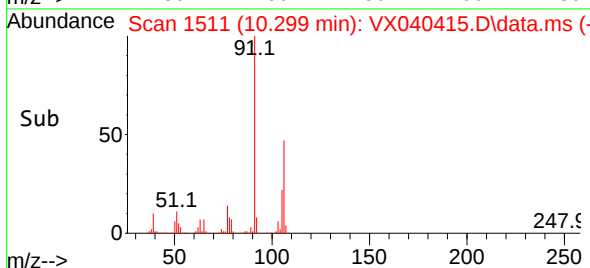
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

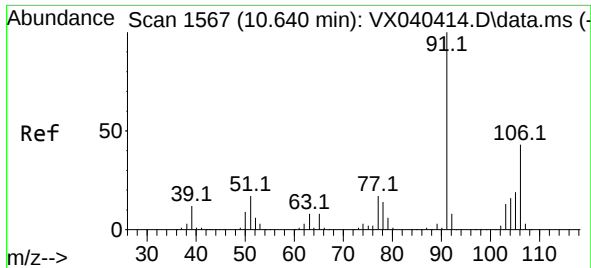


#68
m/p-Xylenes
Concen: 219.268 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04



Tgt Ion:106 Resp: 409208
Ion Ratio Lower Upper
106 100
91 213.7 165.5 248.3





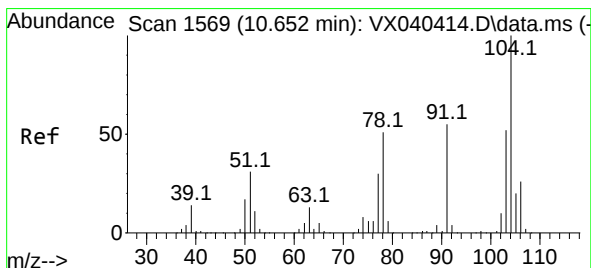
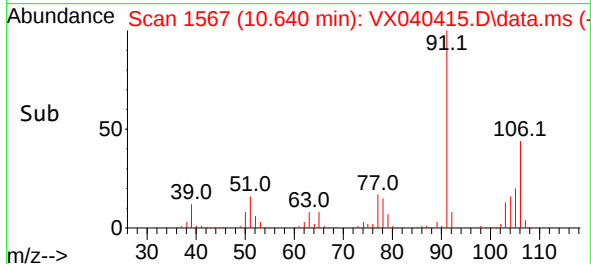
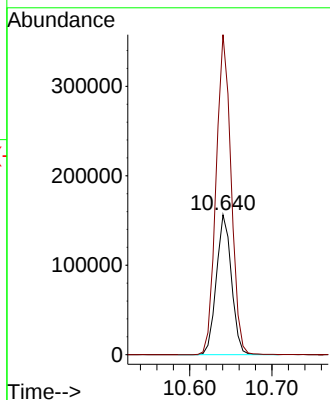
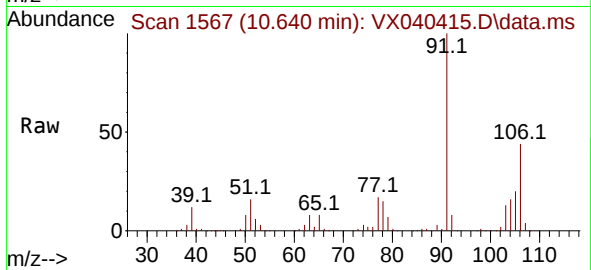
#69
o-Xylene
Concen: 108.018 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 199262
Ion Ratio Lower Upper
106 100
91 228.0 108.9 326.8

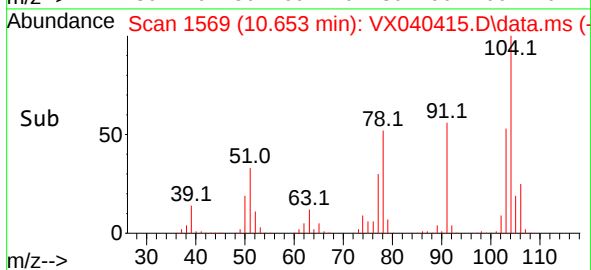
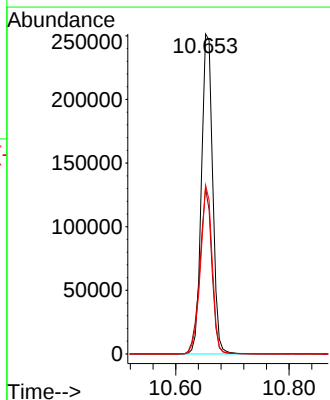
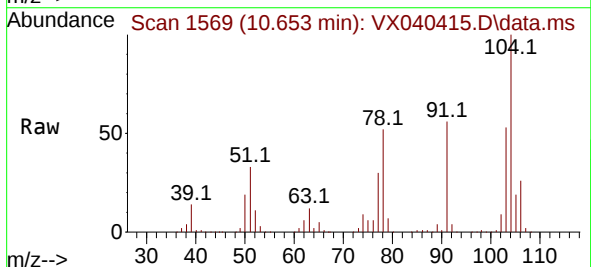
Manual Integrations
APPROVED

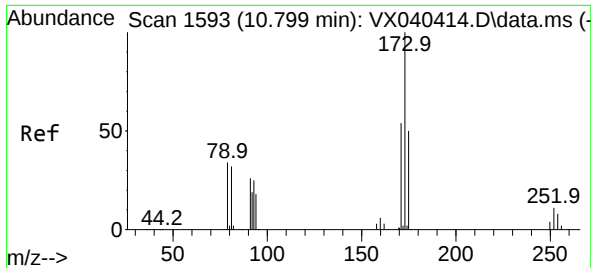
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 113.635 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

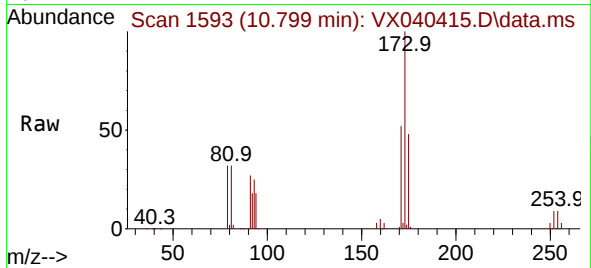
Tgt Ion:104 Resp: 345548
Ion Ratio Lower Upper
104 100
78 55.0 43.6 65.4
103 55.3 43.6 65.4





#71
Bromoform
Concen: 119.723 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

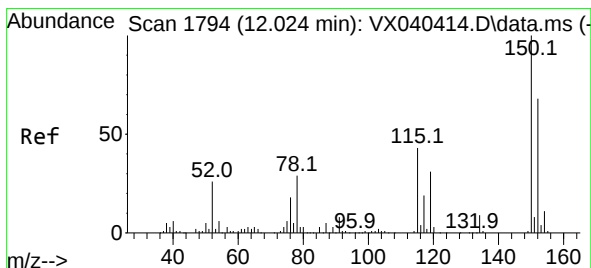
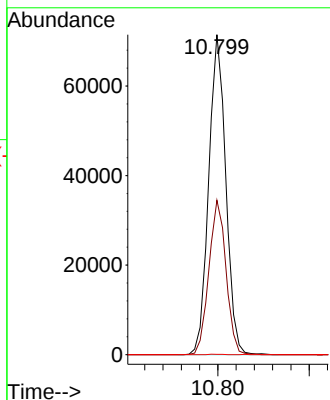
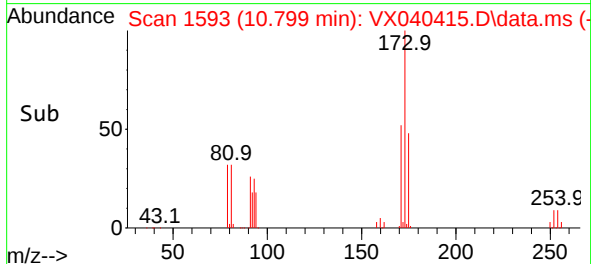
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 92348
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.0 0.0

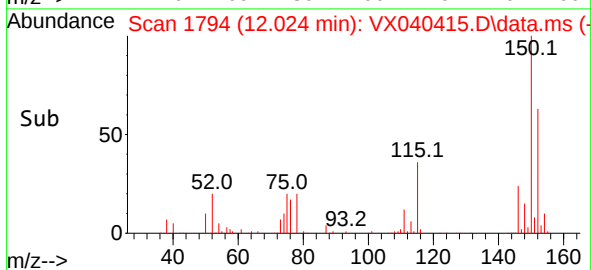
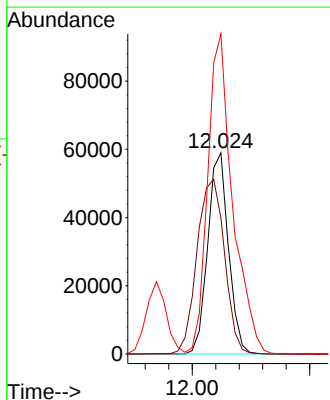
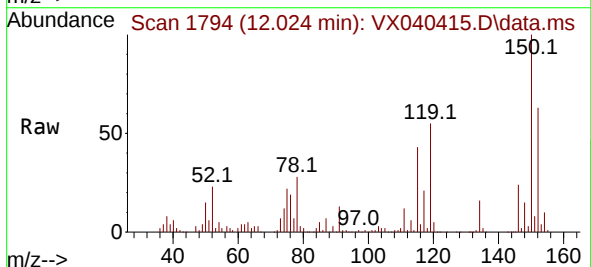
Manual Integrations
APPROVED

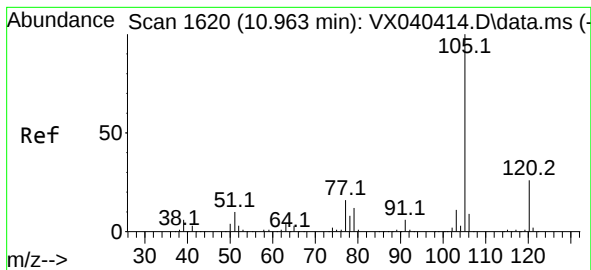
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion:152 Resp: 71958
Ion Ratio Lower Upper
152 100
115 115.8 43.3 129.9
150 191.8 0.0 345.0





#73

Isopropylbenzene

Concen: 105.551 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 537400

Ion Ratio Lower Upper

105 100

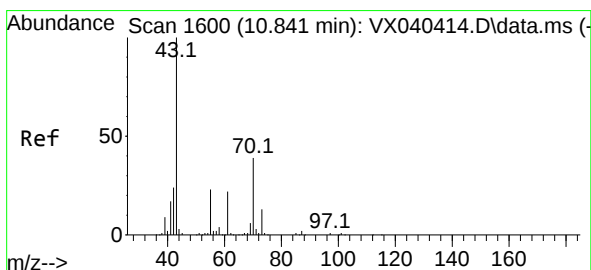
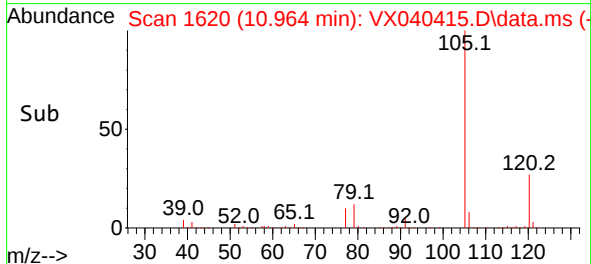
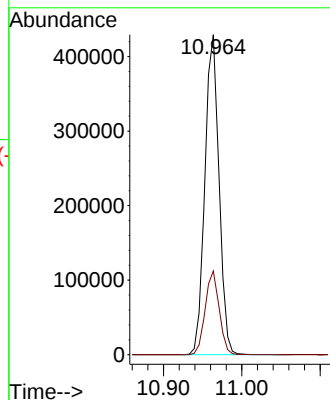
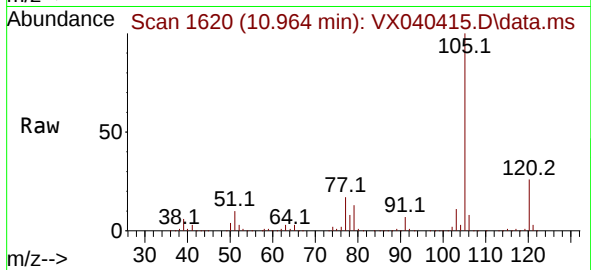
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#74

N-ethyl acetate

Concen: 116.765 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Tgt Ion: 43 Resp: 275831

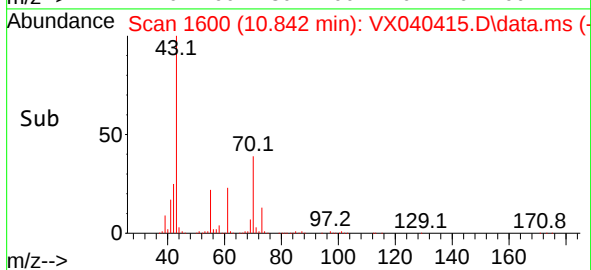
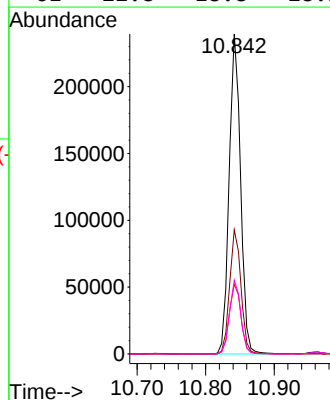
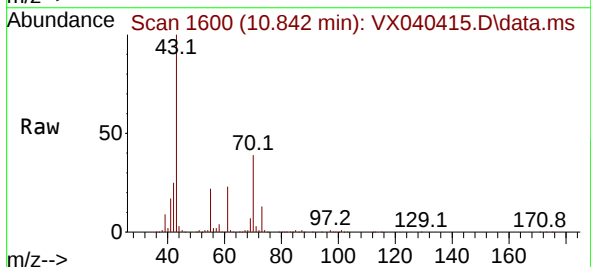
Ion Ratio Lower Upper

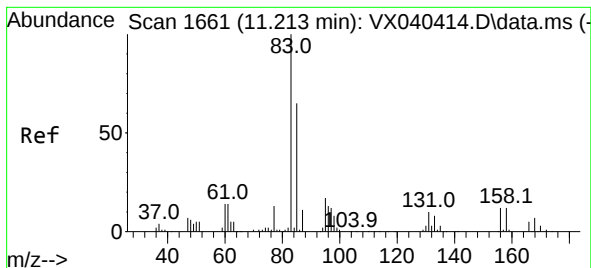
43 100

70 38.7 32.9 49.3

55 22.4 19.3 28.9

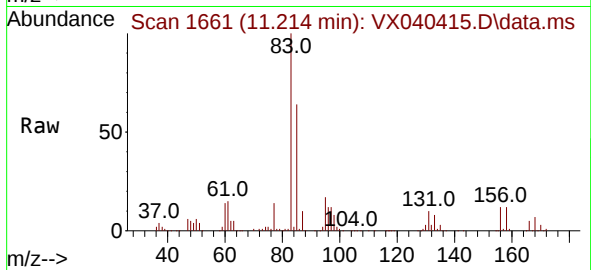
61 22.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 104.890 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

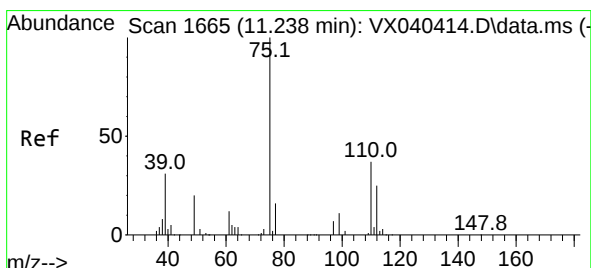
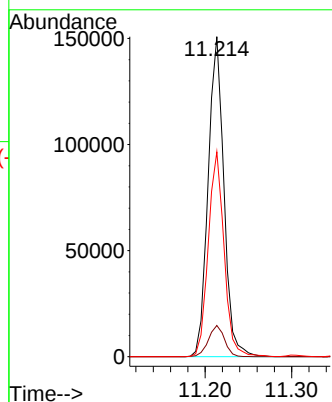
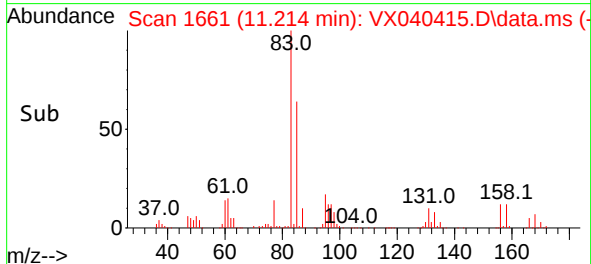
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



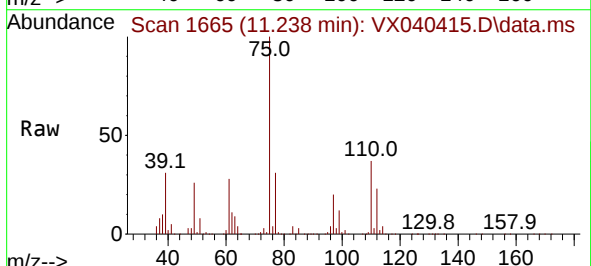
Tgt Ion: 83 Resp: 190909
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.2 32.0 96.2

Manual Integrations
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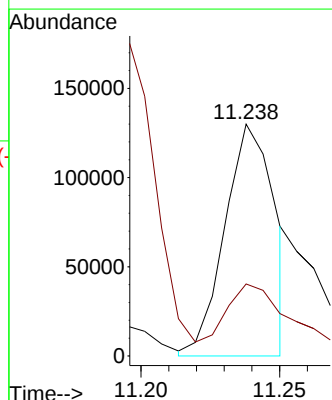
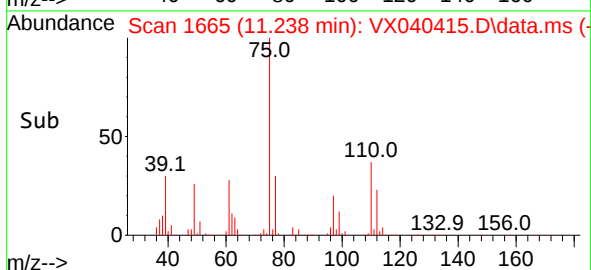
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

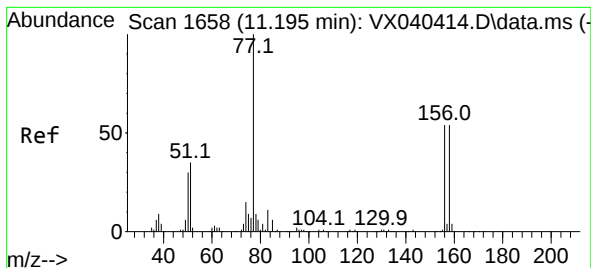


#76
1,2,3-Trichloropropane
Concen: 101.484 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04



Tgt Ion: 75 Resp: 162381
Ion Ratio Lower Upper
75 100
77 42.4 19.1 57.5





#77

Bromobenzene

Concen: 103.010 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

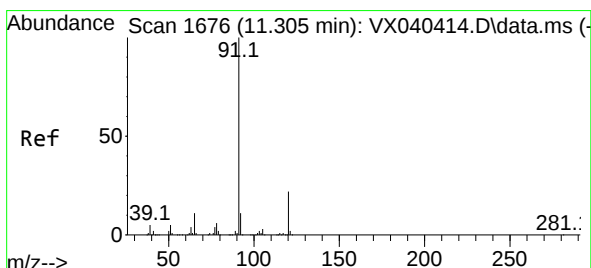
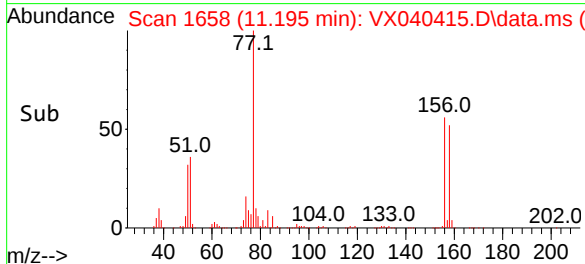
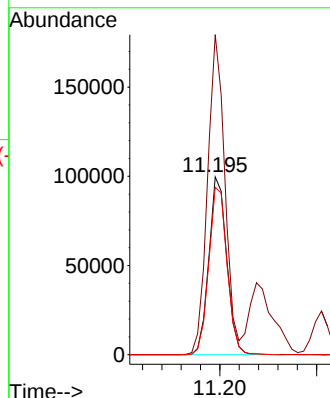
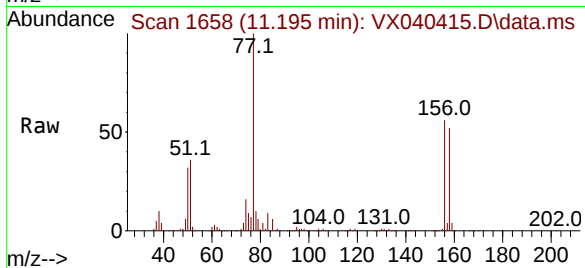
Tgt Ion:156 Resp: 12815
 Ion Ratio Lower Upper
 156 100
 77 174.1 88.4 265.3
 158 96.2 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#78

n-propylbenzene

Concen: 105.683 ug/l

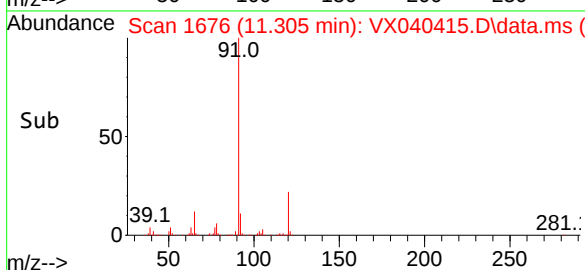
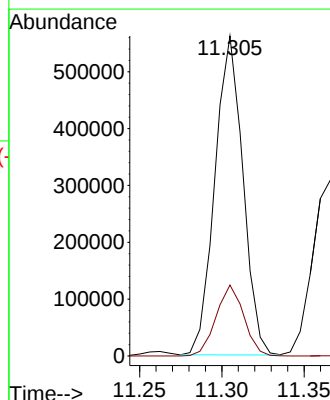
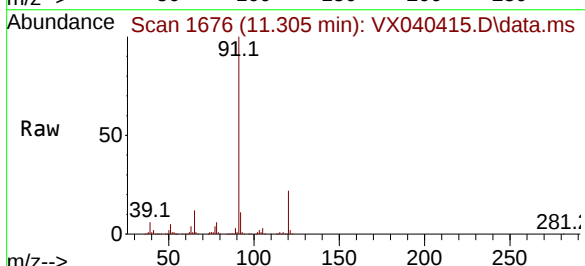
RT: 11.305 min Scan# 1676

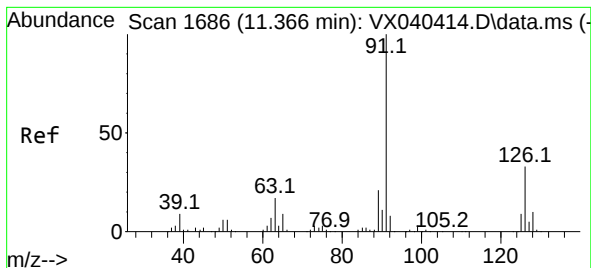
Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Tgt Ion: 91 Resp: 664650
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.5 34.4





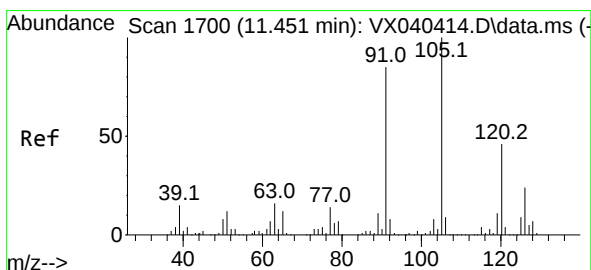
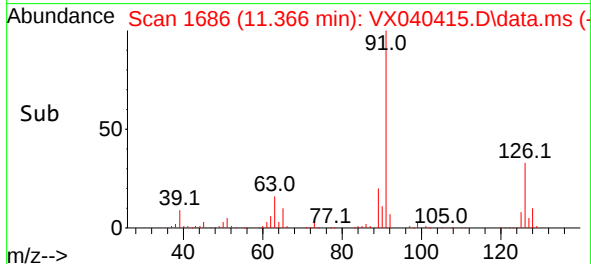
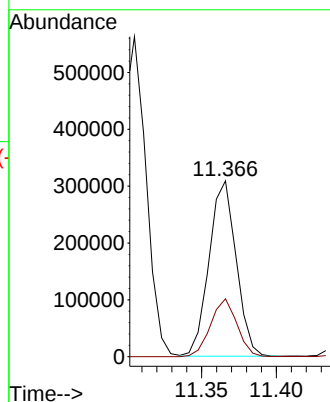
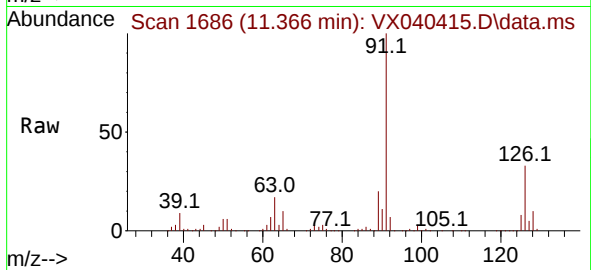
#79
2-Chlorotoluene
Concen: 103.603 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 38887
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

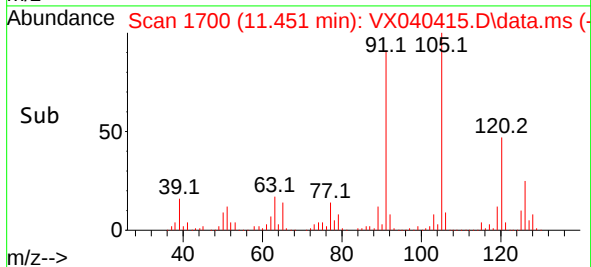
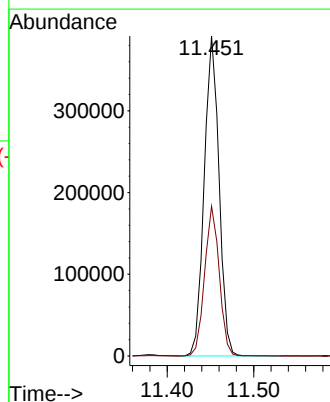
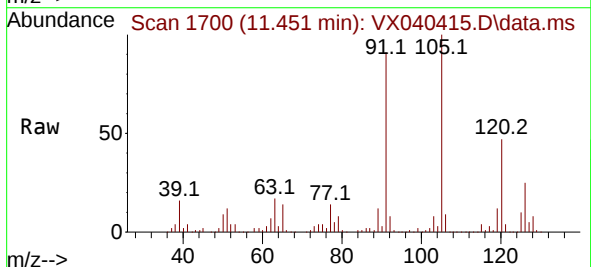
Manual Integrations
APPROVED

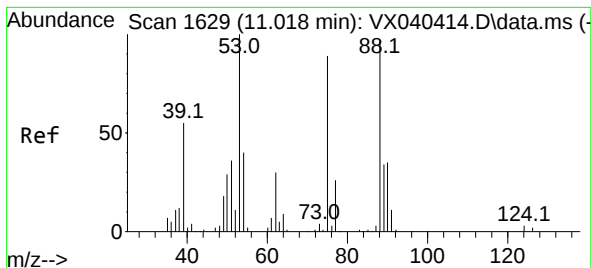
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 107.562 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion:105 Resp: 465257
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





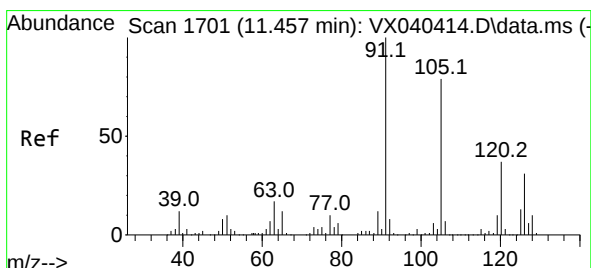
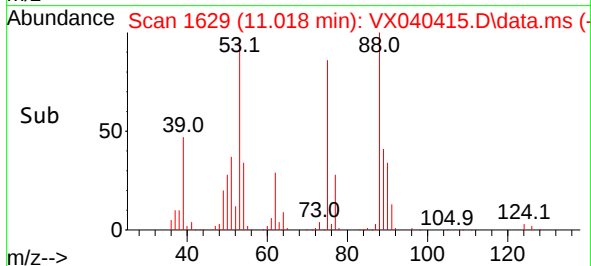
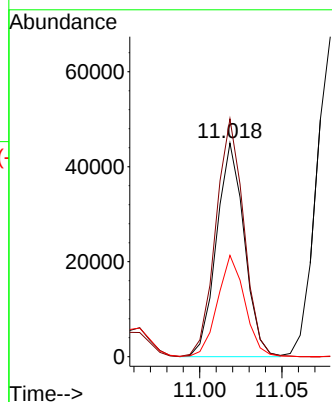
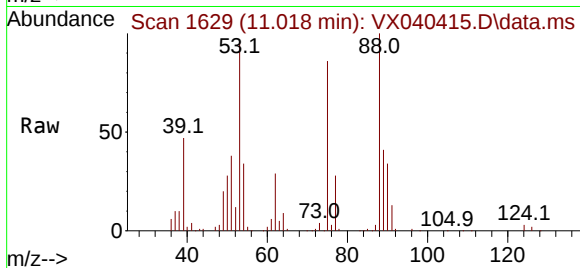
#81
trans-1,4-Dichloro-2-butene
Concen: 114.953 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 5286
Ion Ratio Lower Upper
75 100
53 112.1 90.5 135.7
89 46.5 36.9 55.3

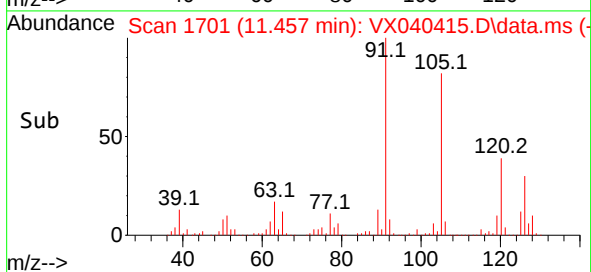
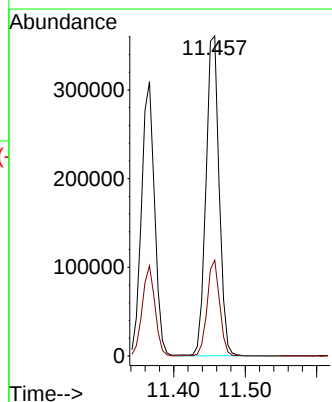
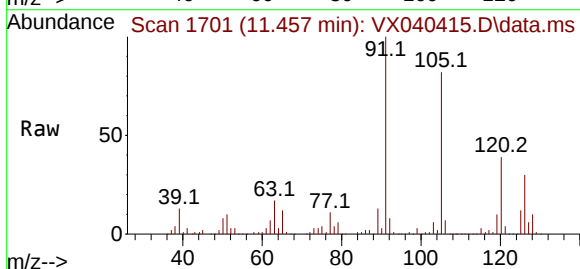
Manual Integrations
APPROVED

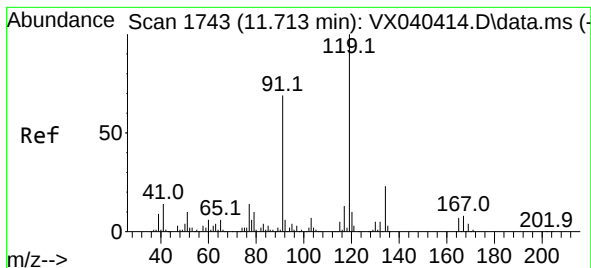
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#82
4-Chlorotoluene
Concen: 105.041 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion: 91 Resp: 462068
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 107.529 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

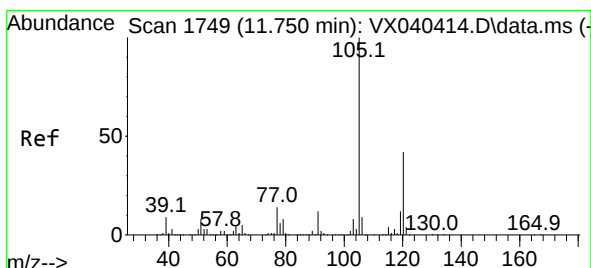
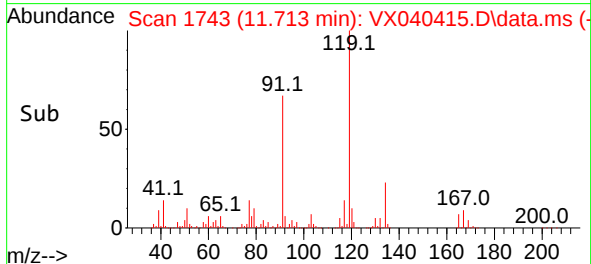
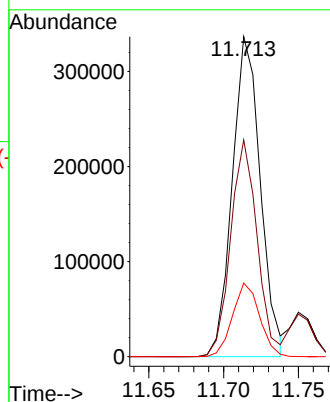
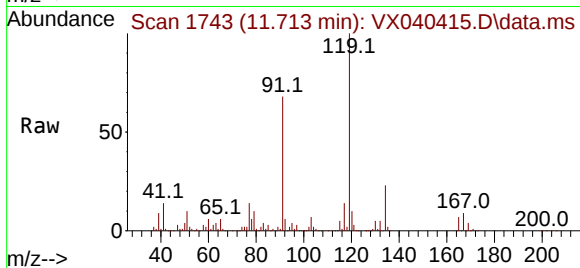
Tgt Ion:119 Resp: 438404
 Ion Ratio Lower Upper
 119 100
 91 64.1 31.2 93.6
 134 22.2 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 107.212 ug/l

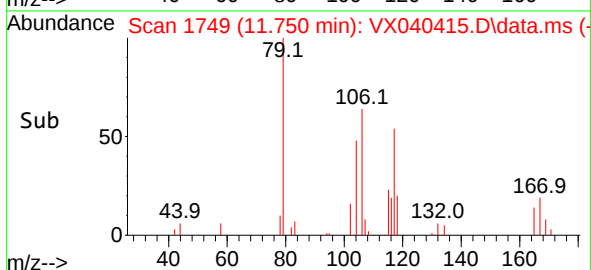
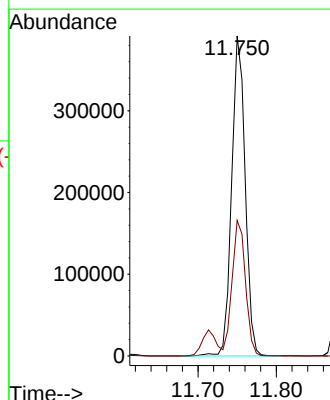
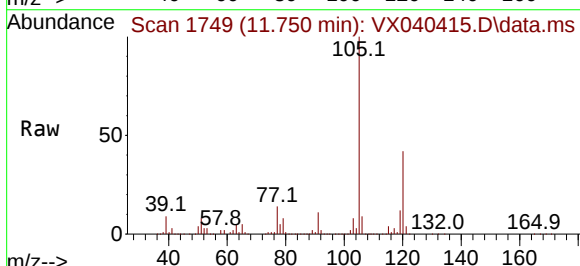
RT: 11.750 min Scan# 1749

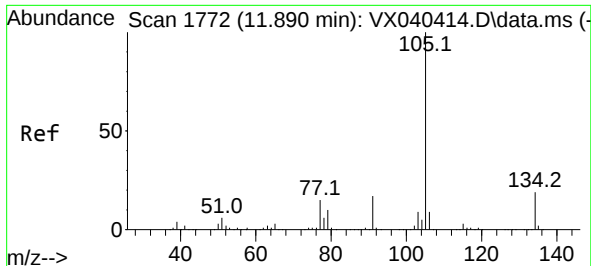
Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

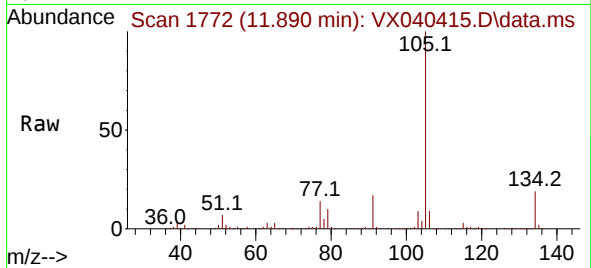
Tgt Ion:105 Resp: 467912
 Ion Ratio Lower Upper
 105 100
 120 42.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 107.201 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040415.D
 Acq: 22 Feb 2024 23:04

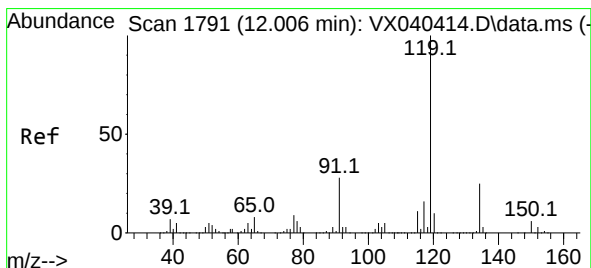
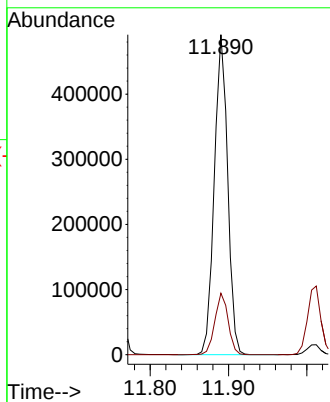
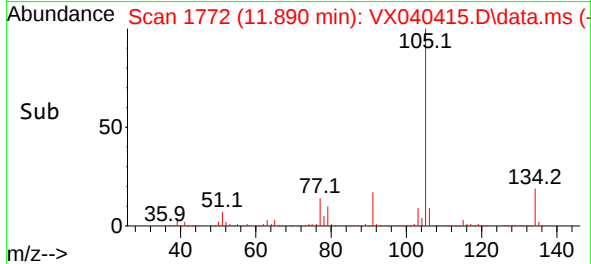
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 58184
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

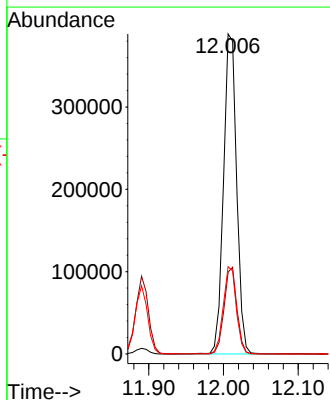
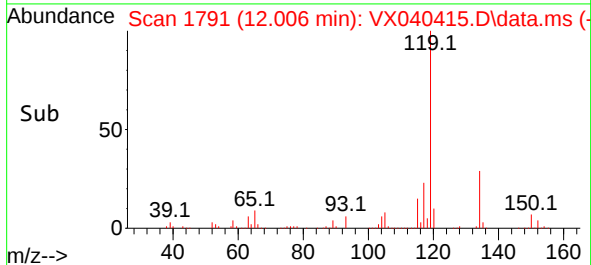
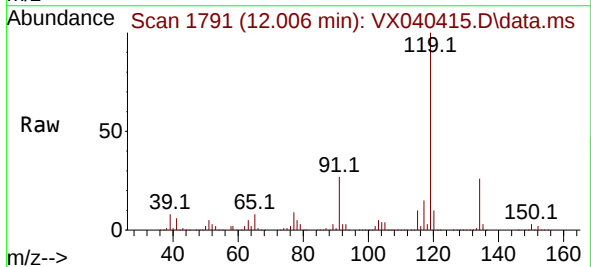
Manual Integrations
 APPROVED

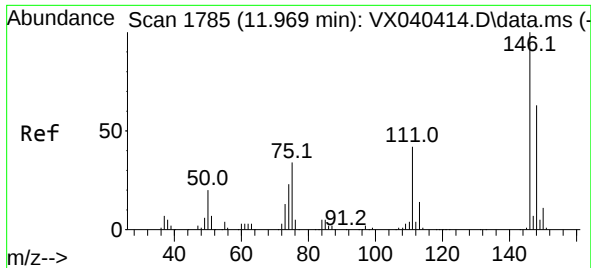
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#86
 p-Isopropyltoluene
 Concen: 109.433 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040415.D
 Acq: 22 Feb 2024 23:04

Tgt Ion:119 Resp: 474570
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 26.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 104.033 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 247538

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.1

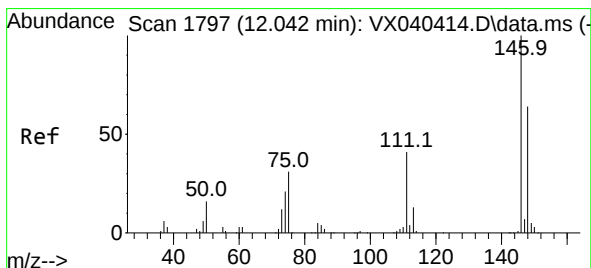
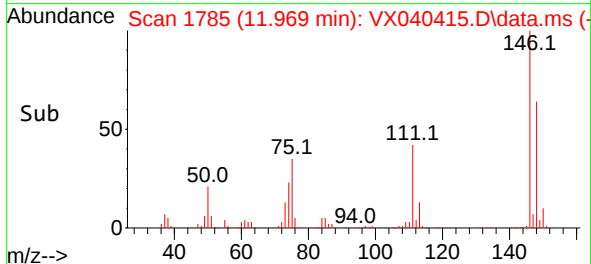
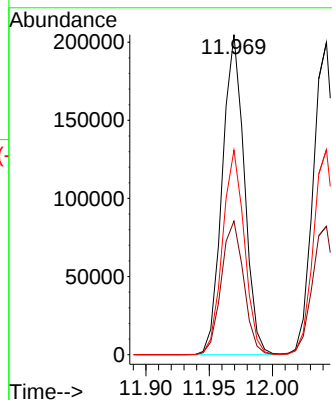
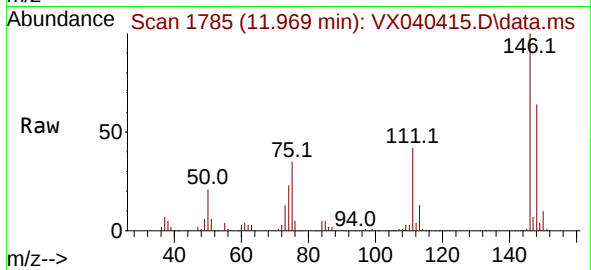
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#88

1,4-Dichlorobenzene

Concen: 100.747 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

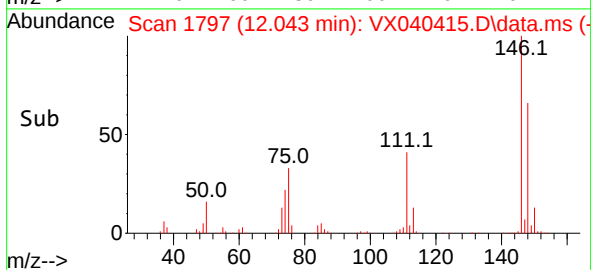
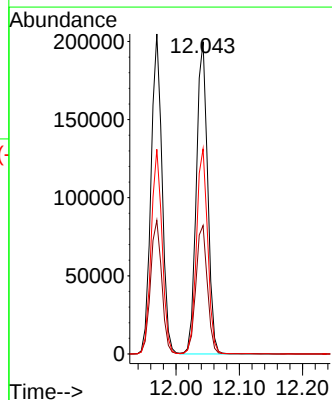
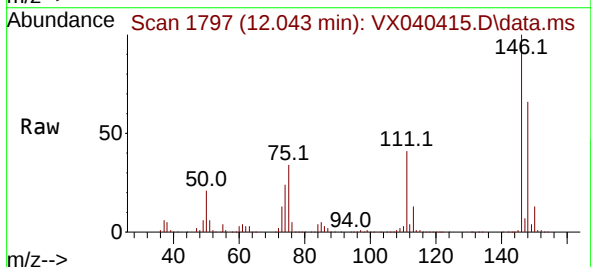
Tgt Ion:146 Resp: 248525

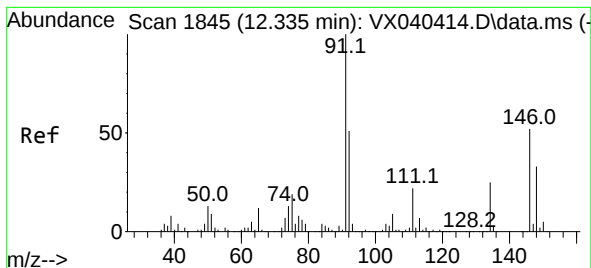
Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 65.0 31.8 95.4





#89

n-Butylbenzene

Concen: 108.757 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 46404

Ion Ratio Lower Upper

91 100

92 51.5 27.4 82.0

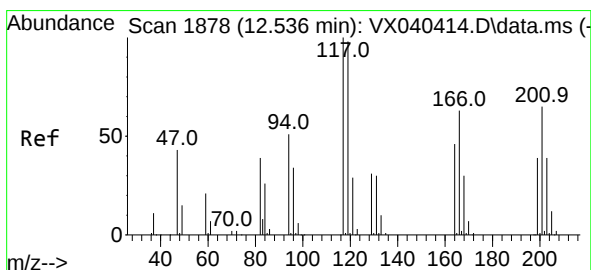
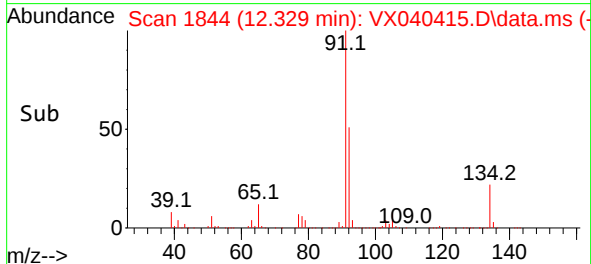
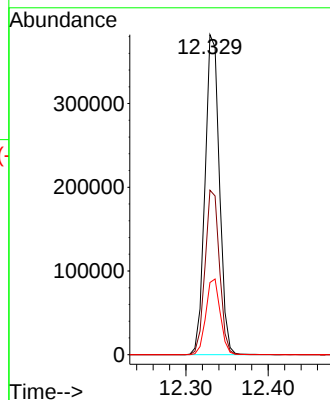
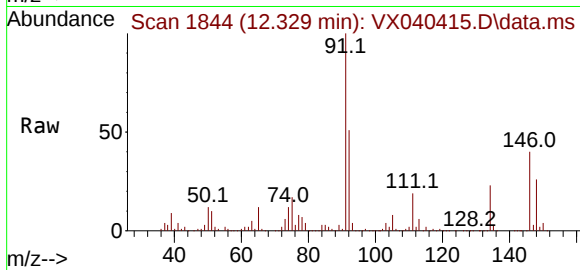
134 23.6 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#90

Hexachloroethane

Concen: 119.486 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040415.D

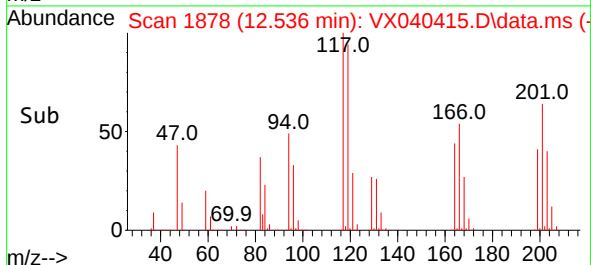
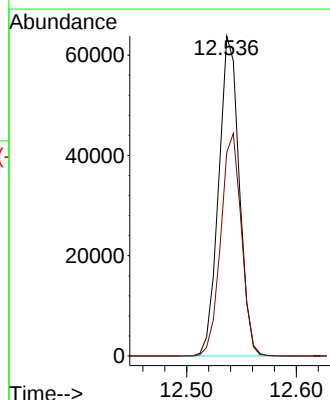
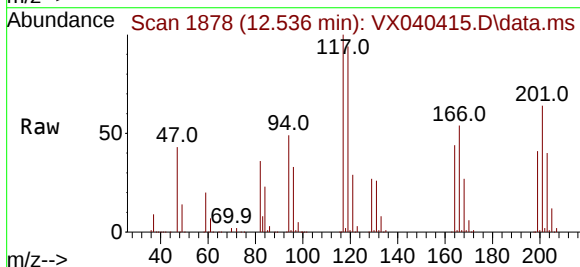
Acq: 22 Feb 2024 23:04

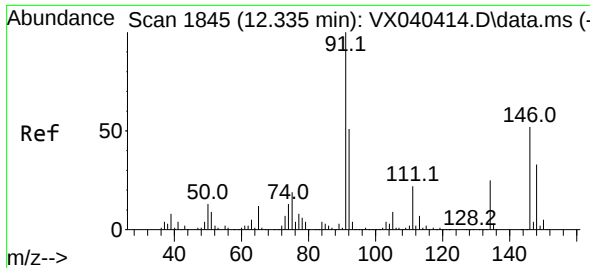
Tgt Ion:117 Resp: 82985

Ion Ratio Lower Upper

117 100

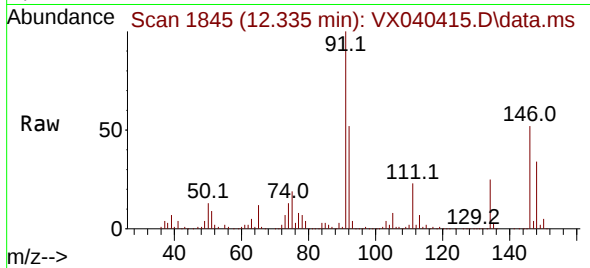
201 69.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 102.005 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

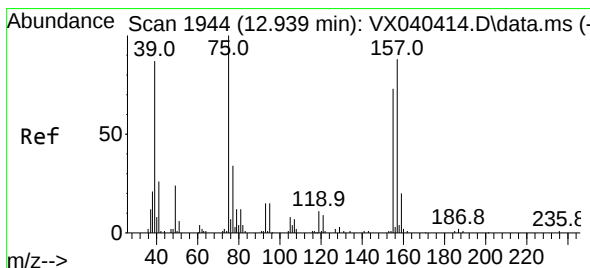
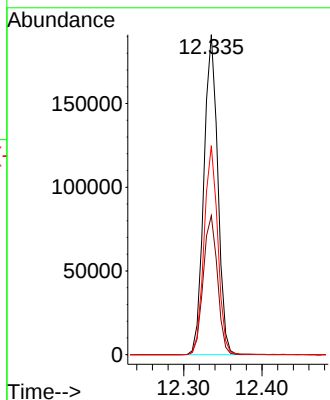
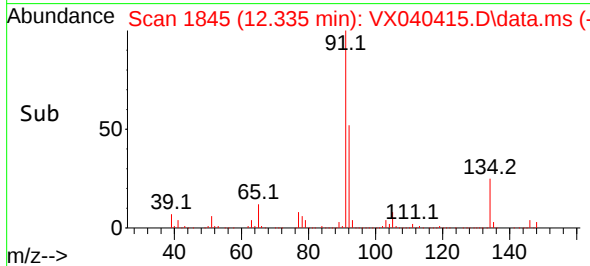
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



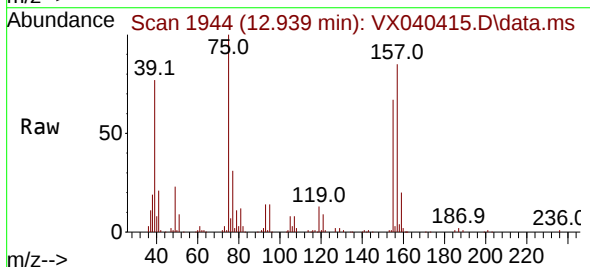
Tgt Ion:146 Resp: 234709
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations
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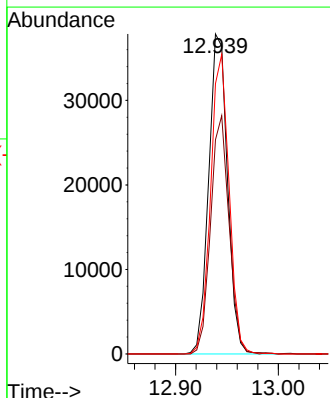
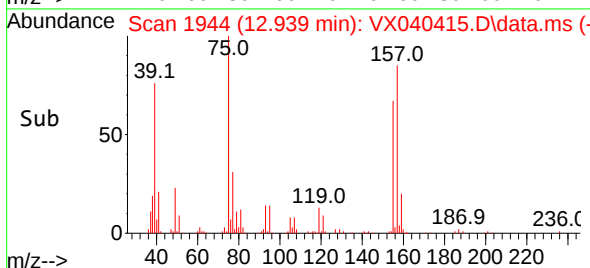
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

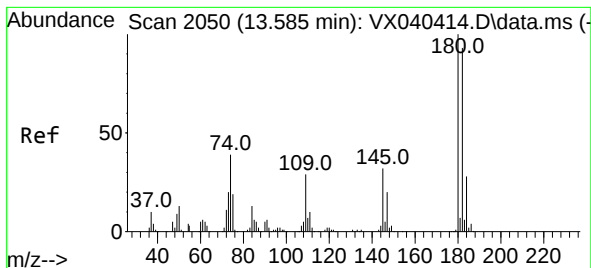


#92
1,2-Dibromo-3-Chloropropane
Concen: 116.606 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04



Tgt Ion: 75 Resp: 48398
Ion Ratio Lower Upper
75 100
155 72.8 36.1 108.5
157 91.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 103.535 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

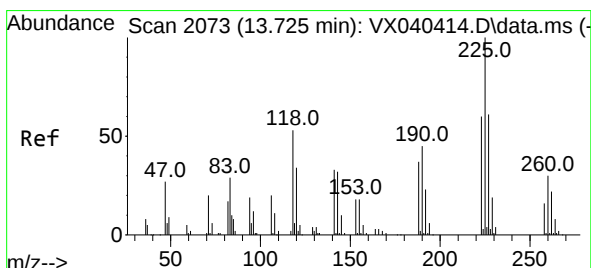
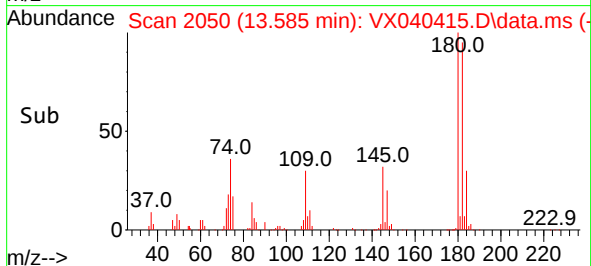
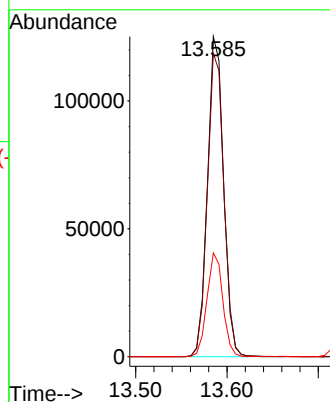
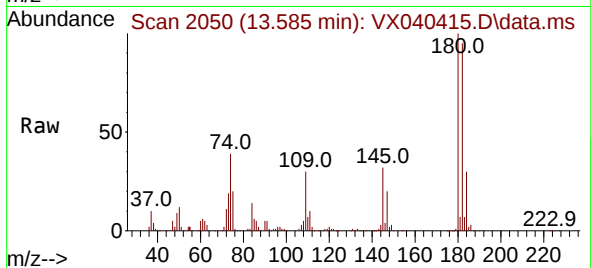
Tgt Ion:180	Resp:	15337
Ion Ratio	Lower	Upper
180	100	
182	96.8	48.3 144.8
145	31.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#94

Hexachlorobutadiene

Concen: 107.978 ug/l

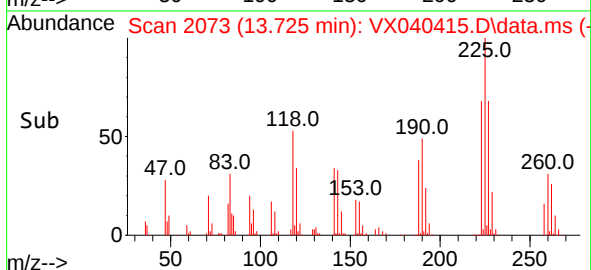
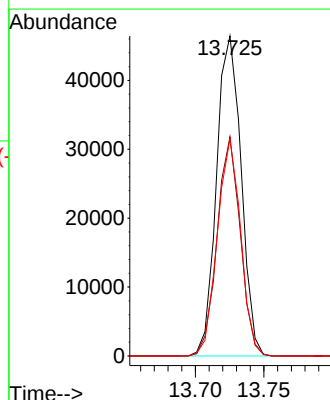
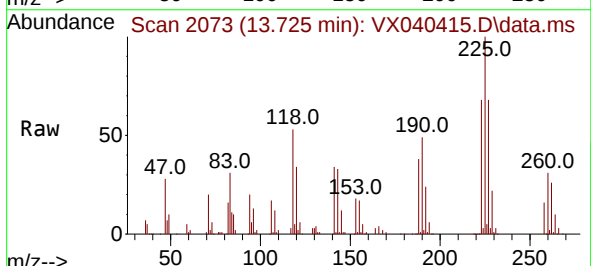
RT: 13.725 min Scan# 2073

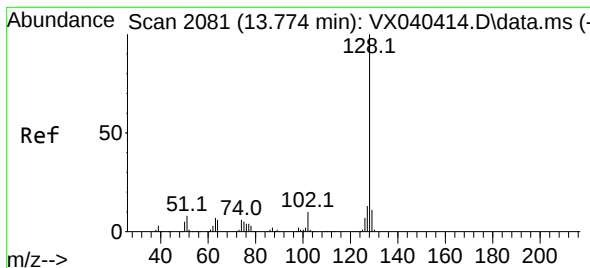
Delta R.T. 0.000 min

Lab File: VX040415.D

Acq: 22 Feb 2024 23:04

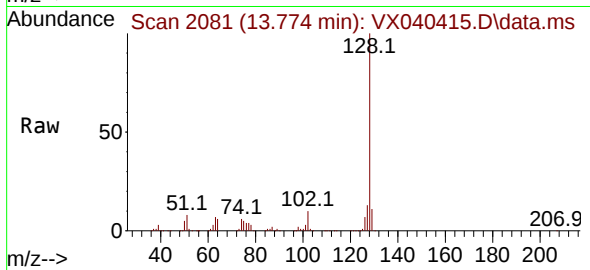
Tgt Ion:225	Resp:	57931
Ion Ratio	Lower	Upper
225	100	
223	64.2	31.1 93.2
227	64.4	32.5 97.5





#95
Naphthalene
Concen: 110.264 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

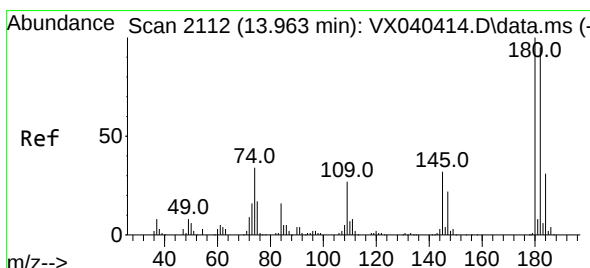
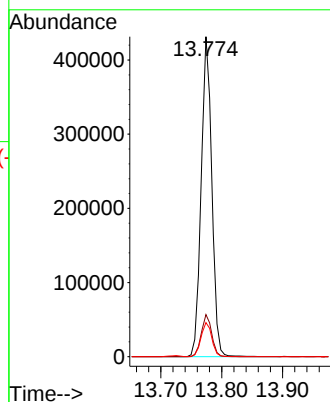
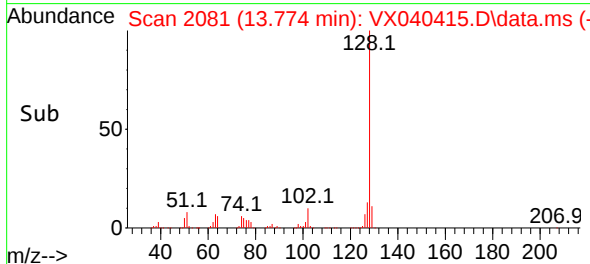
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 52415
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 104.803 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040415.D
Acq: 22 Feb 2024 23:04

Tgt Ion:180 Resp: 149473
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.6
145 34.1 17.8 53.5

