

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040418.D
 Acq On : 23 Feb 2024 00:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022224

Manual Integrations
 APPROVED

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

Quant Time: Feb 23 06:55:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72151	52.981	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.960%			
35) Dibromofluoromethane	5.385	113	52071	52.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	8.647	98	181923	51.044	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	70825	49.591	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48709	48.326	ug/l	98
3) Chloromethane	1.295	50	56549	49.629	ug/l	95
4) Vinyl Chloride	1.374	62	56108	49.371	ug/l	100
5) Bromomethane	1.599	94	34326	51.341	ug/l	98
6) Chloroethane	1.679	64	34949	51.025	ug/l	97
7) Trichlorofluoromethane	1.886	101	81319	44.848	ug/l	100
8) Diethyl Ether	2.130	74	32706	50.495	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	42319	44.170	ug/l	99
10) Methyl Iodide	2.453	142	58517	52.490	ug/l	95
11) Tert butyl alcohol	2.959	59	69095	262.479	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	44766	48.444	ug/l	95
13) Acrolein	2.233	56	81590	259.057	ug/l	99
14) Allyl chloride	2.660	41	83573	48.969	ug/l	95
15) Acrylonitrile	3.063	53	160456	259.988	ug/l	98
16) Acetone	2.380	43	142264	250.716	ug/l	95
17) Carbon Disulfide	2.514	76	120860	47.573	ug/l	99
18) Methyl Acetate	2.703	43	78585	53.466	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	171042	51.912	ug/l	100
20) Methylene Chloride	2.788	84	55062	46.344	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	48710	46.715	ug/l	99
22) Diisopropyl ether	3.764	45	175330	51.974	ug/l	90
23) Vinyl Acetate	3.721	43	812820	264.012	ug/l	99
24) 1,1-Dichloroethane	3.611	63	97115	49.782	ug/l	100
25) 2-Butanone	4.556	43	231138	261.278	ug/l	100
26) 2,2-Dichloropropane	4.471	77	60742	47.705	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	58010	49.924	ug/l	98
28) Bromochloromethane	4.898	49	43867	48.211	ug/l	100
29) Tetrahydrofuran	5.001	42	152910	259.657	ug/l	98
30) Chloroform	5.093	83	102358	48.683	ug/l	97
31) Cyclohexane	5.471	56	73246	44.862	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	84905	48.779	ug/l	99
36) 1,1-Dichloropropene	5.690	75	70863	46.406	ug/l	99
37) Ethyl Acetate	4.715	43	89077	51.058	ug/l	99
38) Carbon Tetrachloride	5.678	117	67642	47.878	ug/l	98
39) Methylcyclohexane	7.379	83	74140	45.812	ug/l	99
40) Benzene	6.038	78	204336	49.188	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47404	51.170	ug/l	93
42) 1,2-Dichloroethane	6.086	62	88639	51.342	ug/l	99
43) Isopropyl Acetate	6.342	43	141816	52.976	ug/l	98
44) Trichloroethene	7.123	130	51469	47.372	ug/l	100
45) 1,2-Dichloropropane	7.428	63	55458	50.024	ug/l	97
46) Dibromomethane	7.580	93	41576	49.986	ug/l	99
47) Bromodichloromethane	7.818	83	80498	52.002	ug/l	99
48) Methyl methacrylate	7.690	41	73177	55.198	ug/l	94
49) 1,4-Dioxane	7.653	88	31169	1166.422	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	482269	265.252	ug/l	98
52) Toluene	8.720	92	125854	49.436	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	81714	52.359	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86018	51.739	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55991	51.365	ug/l	94
56) Ethyl methacrylate	9.116	69	90947	54.604	ug/l	96
57) 1,3-Dichloropropane	9.305	76	94990	50.022	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	215556	258.105	ug/l	95
59) 2-Hexanone	9.427	43	381317	271.935	ug/l	99
60) Dibromochloromethane	9.519	129	57884	52.956	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61321	52.339	ug/l	97
64) Tetrachloroethene	9.275	164	44245	44.390	ug/l	99
65) Chlorobenzene	10.080	112	133736	48.763	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	50719	52.882	ug/l	99
67) Ethyl Benzene	10.195	91	247342	48.076	ug/l	99
68) m/p-Xylenes	10.299	106	183908	98.032	ug/l	96
69) o-Xylene	10.640	106	90541	48.826	ug/l	95
70) Styrene	10.653	104	154226	50.454	ug/l	99
71) Bromoform	10.799	173	41126	53.040	ug/l #	98
73) Isopropylbenzene	10.964	105	235519	48.020	ug/l	100
74) N-amyl acetate	10.842	43	127613	56.078	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	93785	53.490	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78563m	50.970	ug/l	
77) Bromobenzene	11.201	156	57440	47.929	ug/l	98
78) n-propylbenzene	11.305	91	289822	47.838	ug/l	97
79) 2-Chlorotoluene	11.366	91	173216	47.906	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	203714	48.890	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	23324	52.653	ug/l	99
82) 4-Chlorotoluene	11.451	91	203118	47.933	ug/l	99
83) tert-Butylbenzene	11.713	119	188567	48.012	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	204283	48.590	ug/l	99
85) sec-Butylbenzene	11.890	105	248604	47.548	ug/l	98
86) p-Isopropyltoluene	12.006	119	201069	48.131	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109102	47.599	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110745	46.604	ug/l	99
89) n-Butylbenzene	12.329	91	191749	46.651	ug/l	98
90) Hexachloroethane	12.536	117	33908	50.682	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	106830	48.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23336	58.365	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	70083	49.112	ug/l	96
94) Hexachlorobutadiene	13.725	225	25651	49.632	ug/l	98
95) Naphthalene	13.774	128	243219	53.113	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68606	49.935	ug/l	98

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

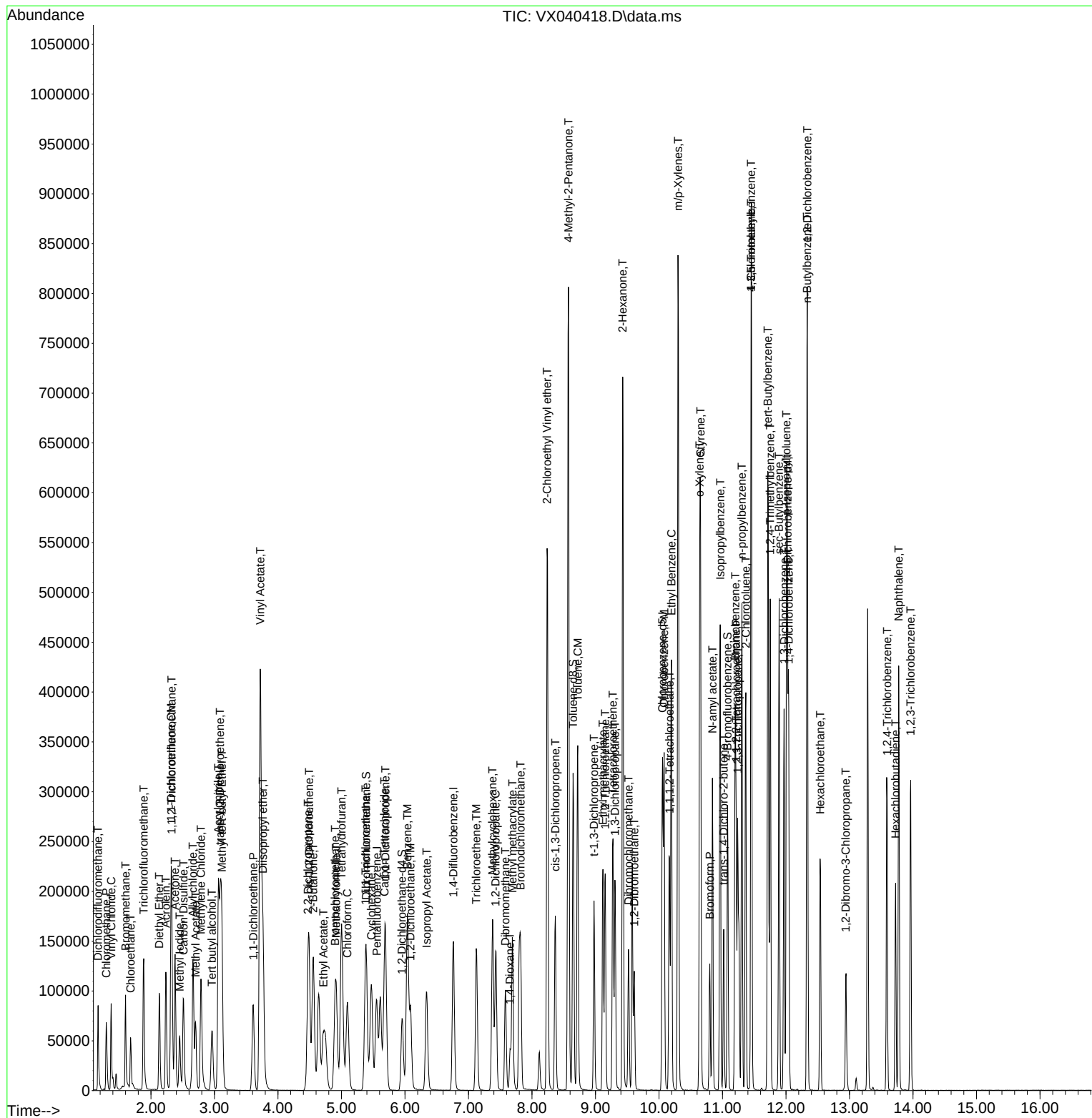
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
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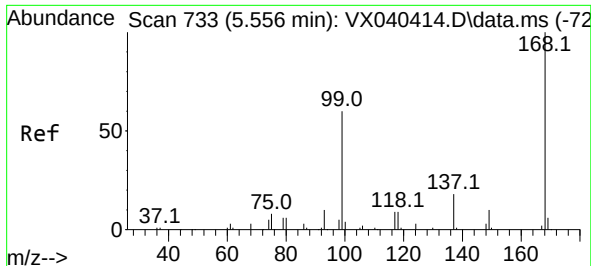
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX040418.D
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Instrument :

MSVOA_X

ClientSampleId :

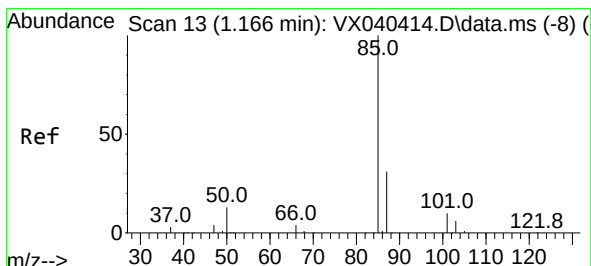
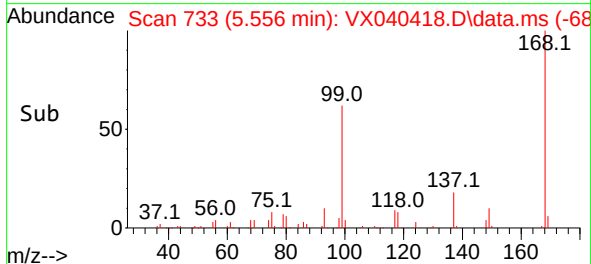
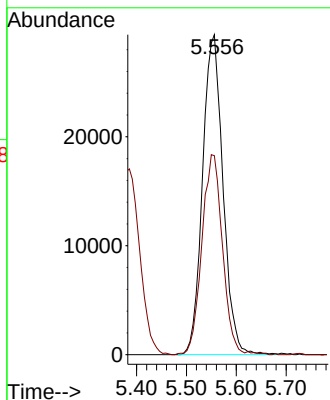
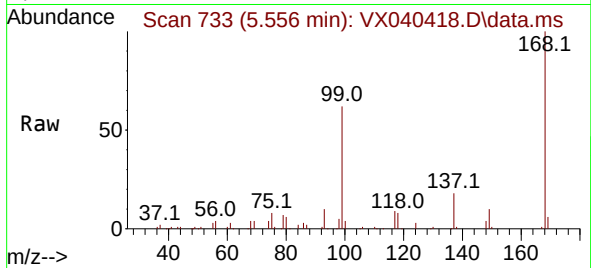
ICVVX022224

Tgt Ion:168 Resp: 83620
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0

Manual Integrations

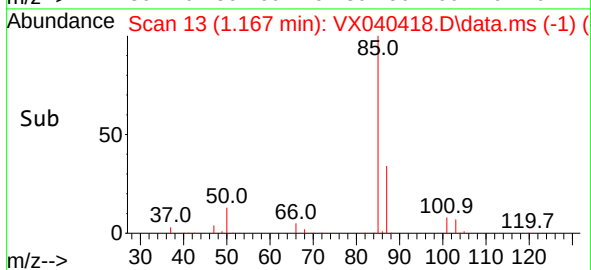
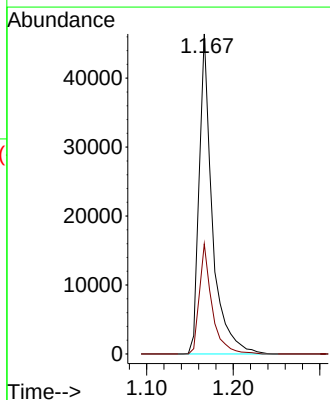
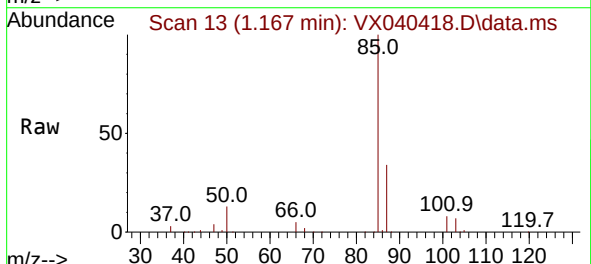
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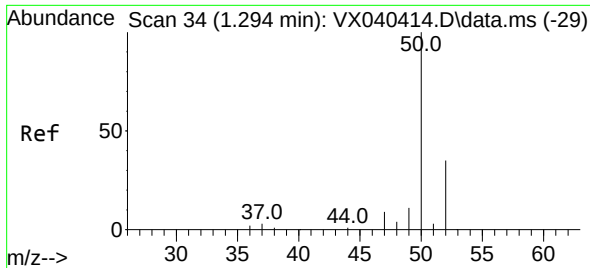
Reviewed By :John Carlone 02/23/2024
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#2
Dichlorodifluoromethane
Concen: 48.326 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

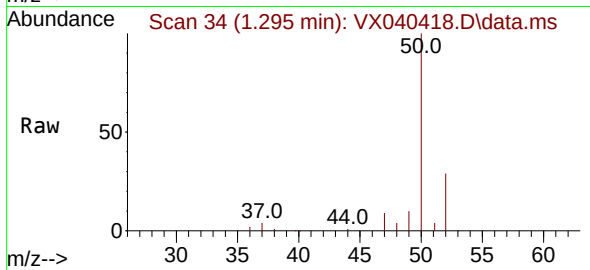
Tgt Ion: 85 Resp: 48709
Ion Ratio Lower Upper
85 100
87 34.4 16.7 50.1





#3
Chloromethane
Concen: 49.629 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

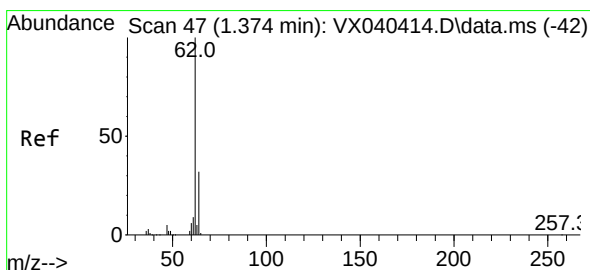
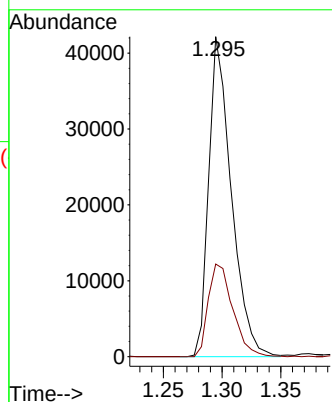
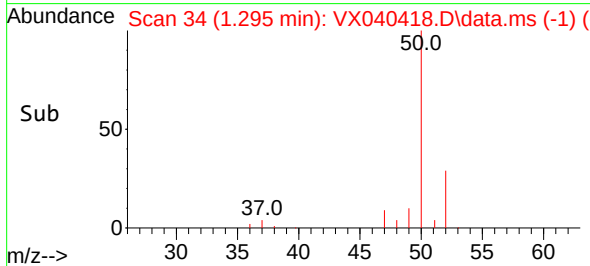
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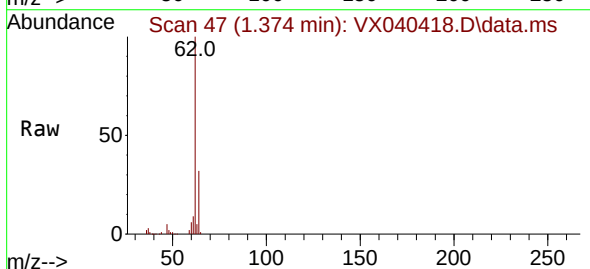
Tgt Ion: 50 Resp: 56549
Ion Ratio Lower Upper
50 100
52 29.0 25.5 38.3

Manual Integrations
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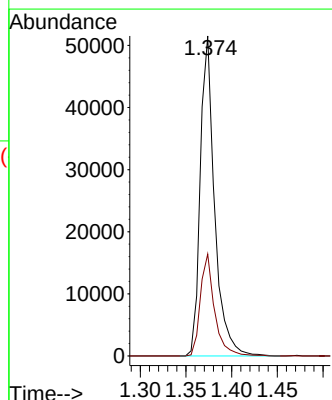
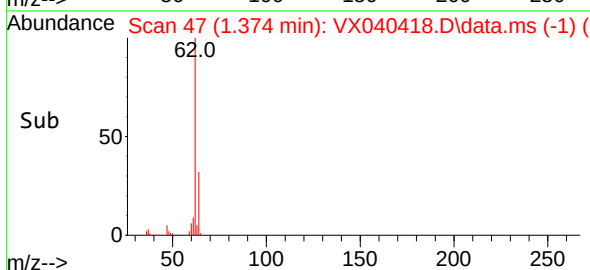
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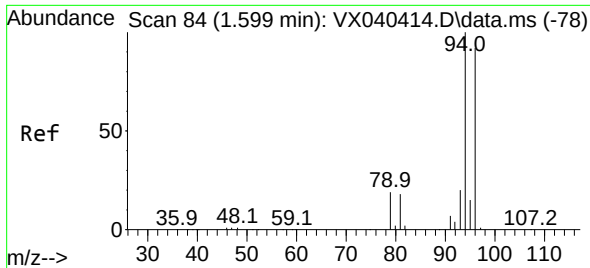


#4
Vinyl Chloride
Concen: 49.371 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13



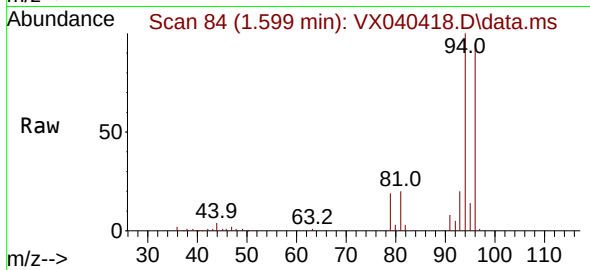
Tgt Ion: 62 Resp: 56108
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 51.341 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

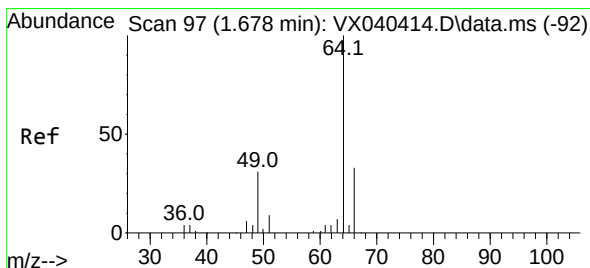
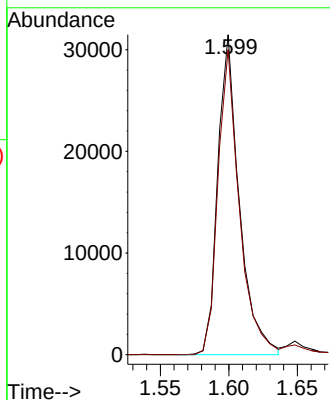
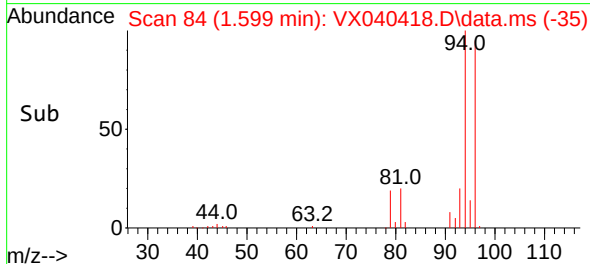
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Tgt Ion: 94 Resp: 34320
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

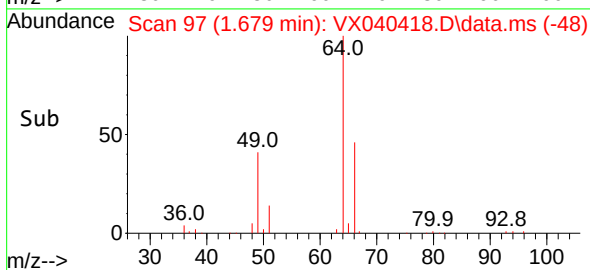
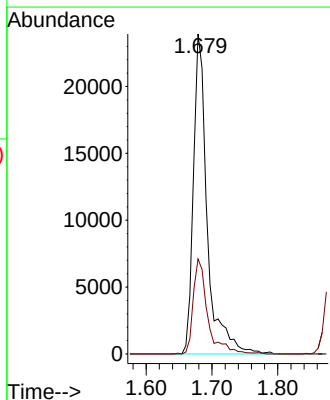
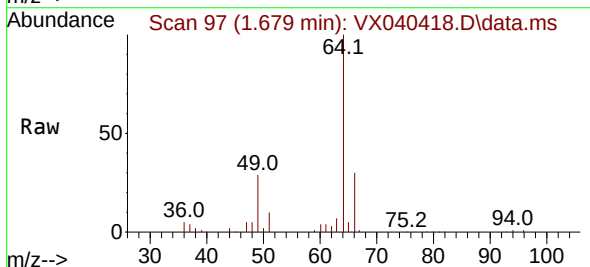
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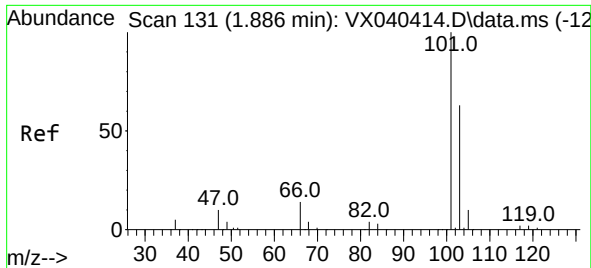
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#6
Chloroethane
Concen: 51.025 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040418.D
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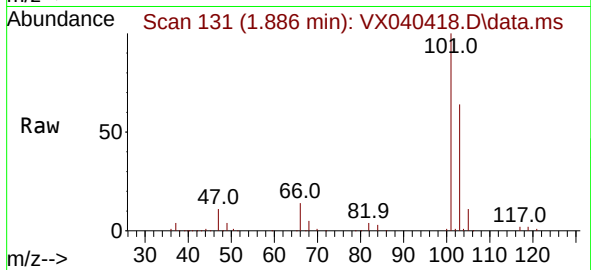
Tgt Ion: 64 Resp: 34949
Ion Ratio Lower Upper
64 100
66 29.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 44.848 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13

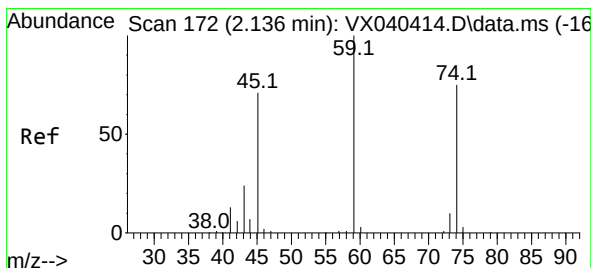
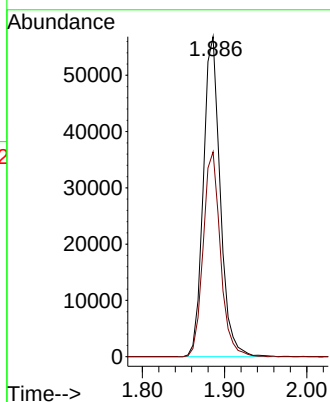
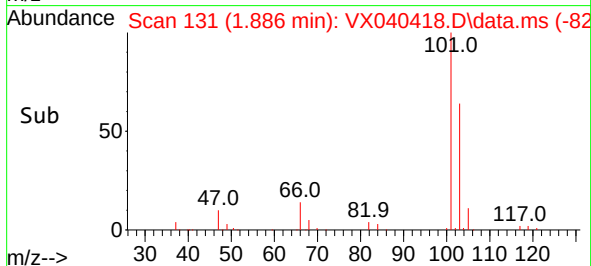
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Tgt Ion:101 Resp: 81319
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.2

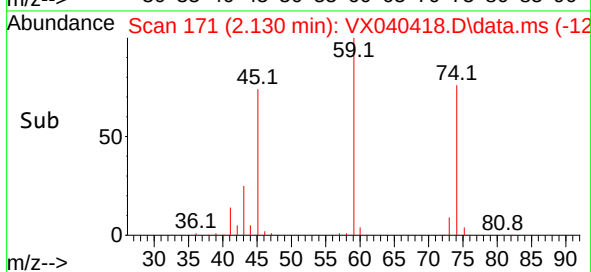
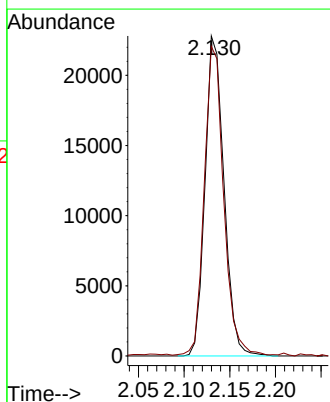
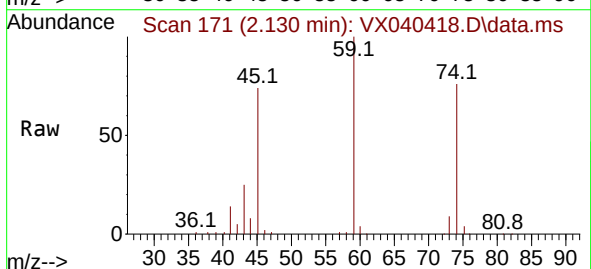
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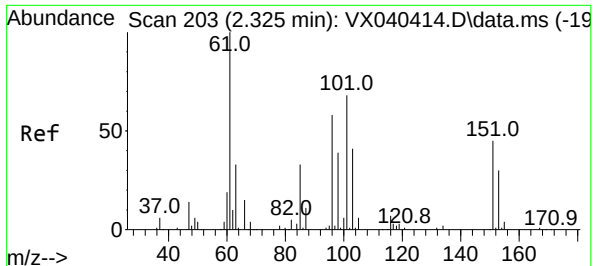
Reviewed By :John Carlone 02/23/2024
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#8
 Diethyl Ether
 Concen: 50.495 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 32706
 Ion Ratio Lower Upper
 74 100
 45 98.7 53.3 159.8





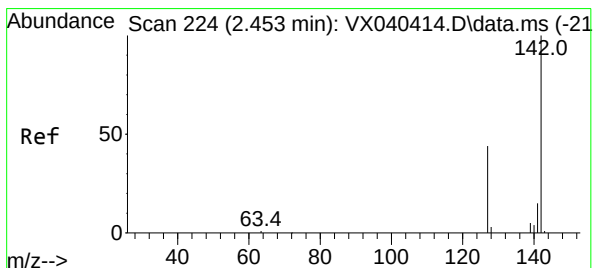
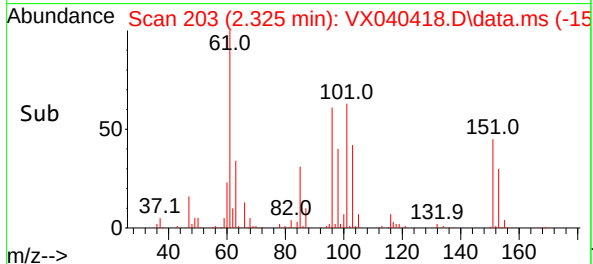
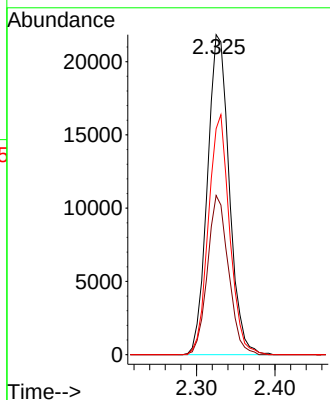
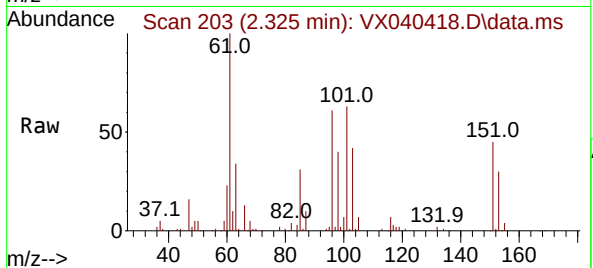
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.170 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224

Tgt Ion:101 Resp: 42319
Ion Ratio Lower Upper
101 100
85 47.9 37.0 55.6
151 72.6 58.6 87.8

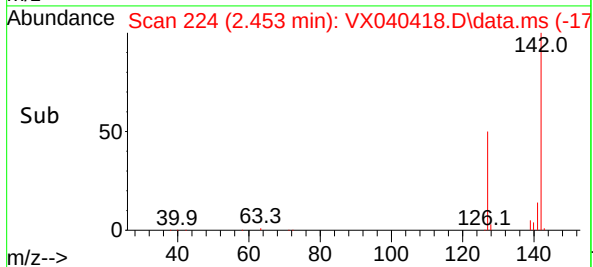
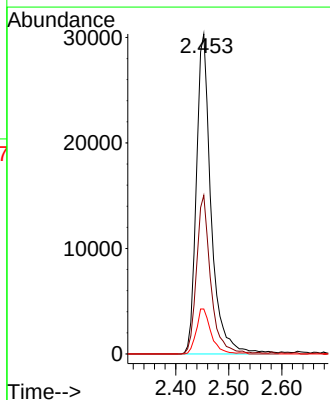
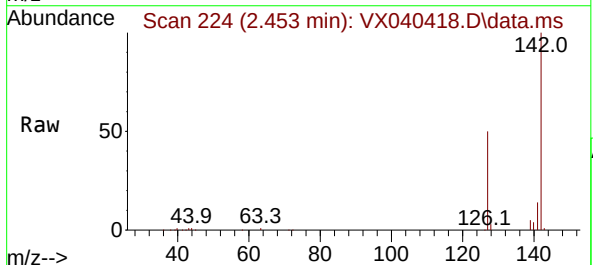
Manual Integrations
APPROVED

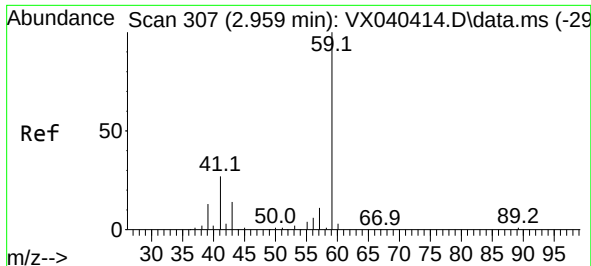
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 52.490 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion:142 Resp: 58517
Ion Ratio Lower Upper
142 100
127 47.8 41.6 62.4
141 14.0 11.6 17.4





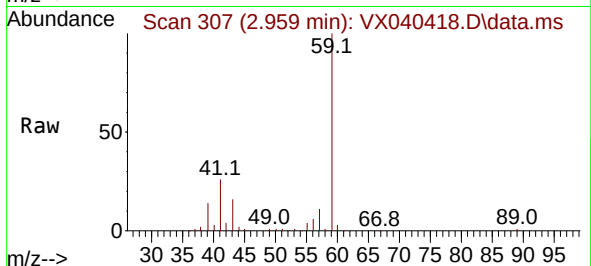
#11
Tert butyl alcohol
Concen: 262.479 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224

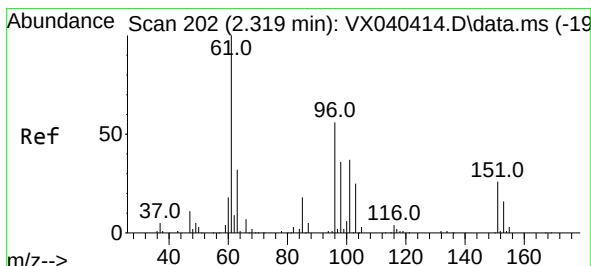
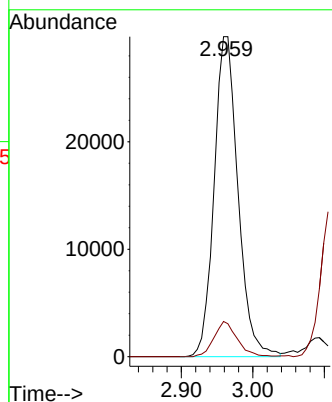


Tgt Ion: 59 Resp: 6909
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

Manual Integrations

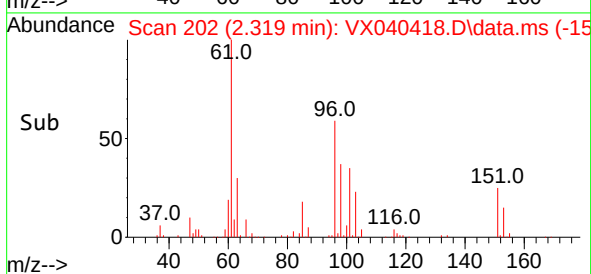
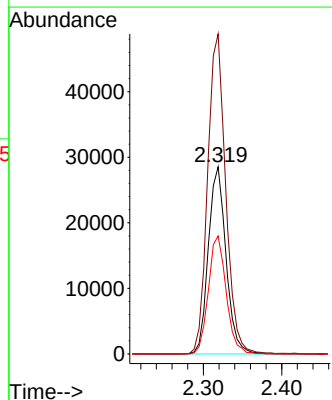
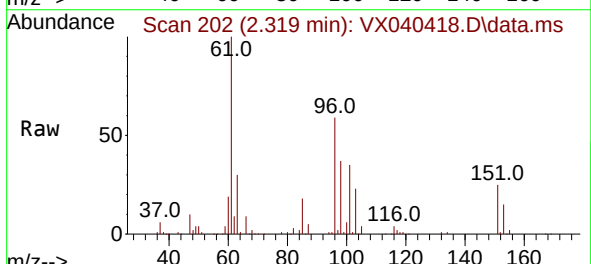
APPROVED

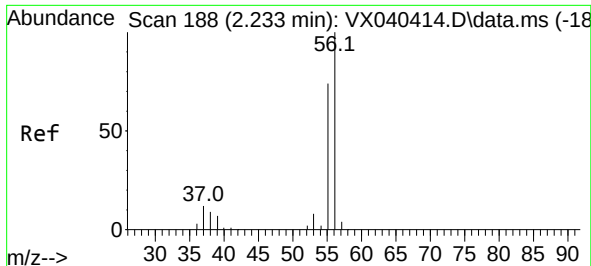
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#12
1,1-Dichloroethene
Concen: 48.444 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

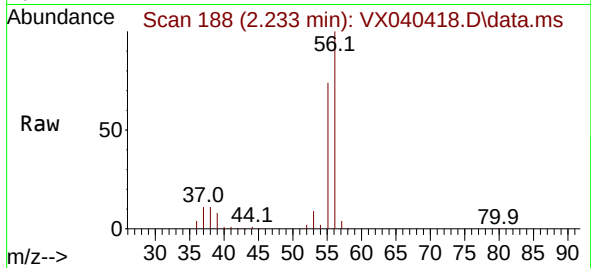
Tgt Ion: 96 Resp: 44766
Ion Ratio Lower Upper
96 100
61 170.9 144.6 216.8
98 63.0 50.4 75.6





#13
Acrolein
Concen: 259.057 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

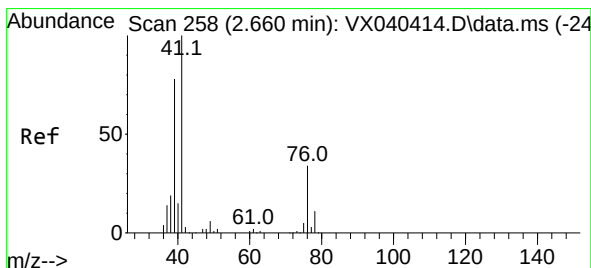
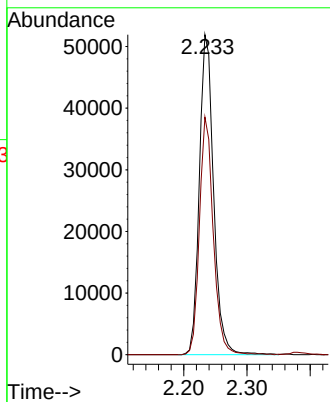
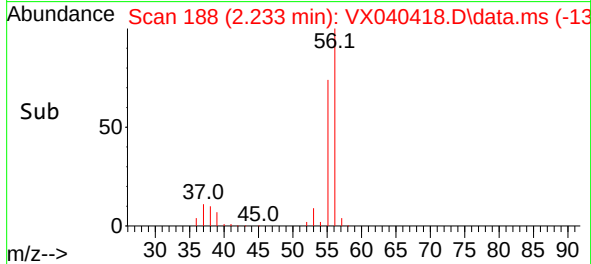
Instrument : MSVOA_X
ClientSampleId : ICVVX022224



Tgt Ion: 56 Resp: 81590
Ion Ratio Lower Upper
56 100
55 72.3 57.1 85.7

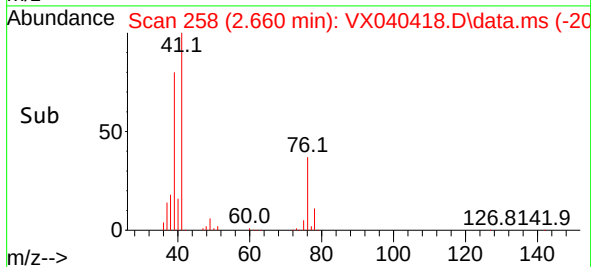
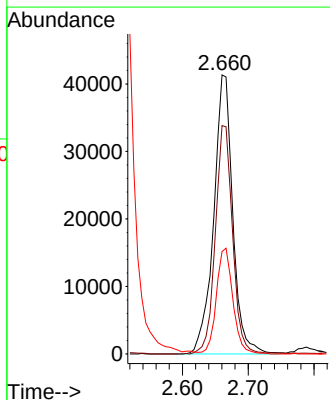
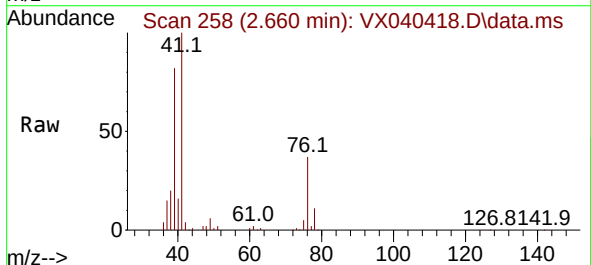
Manual Integrations
APPROVED

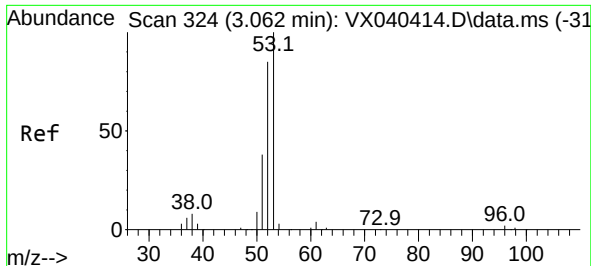
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#14
Allyl chloride
Concen: 48.969 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

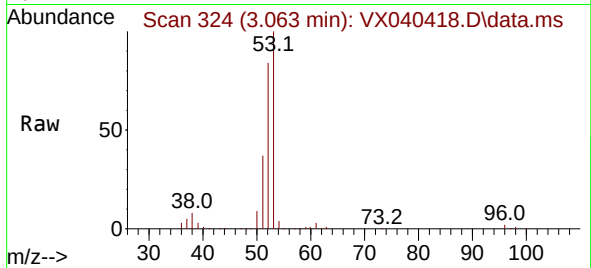
Tgt Ion: 41 Resp: 83573
Ion Ratio Lower Upper
41 100
39 73.8 55.8 83.6
76 32.9 24.3 36.5





#15
Acrylonitrile
Concen: 259.988 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

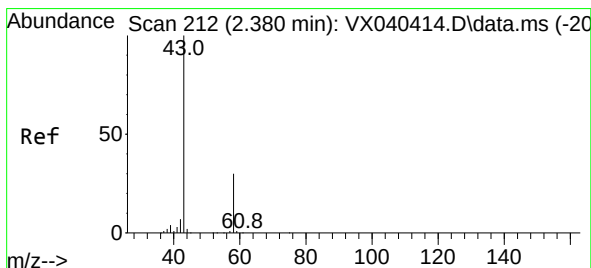
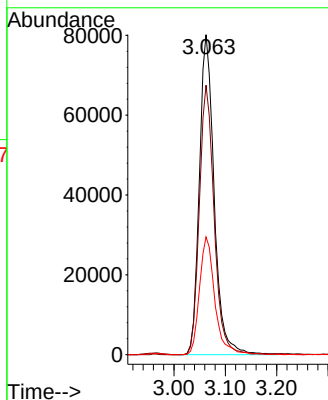
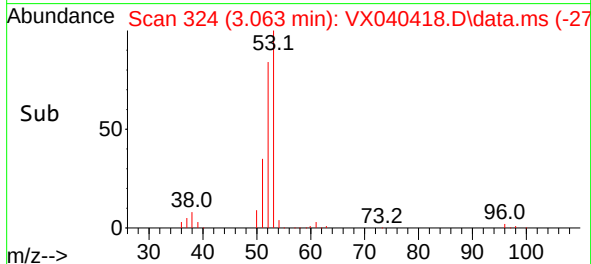
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224



Tgt Ion: 53 Resp: 160450
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 38.0 29.8 44.6

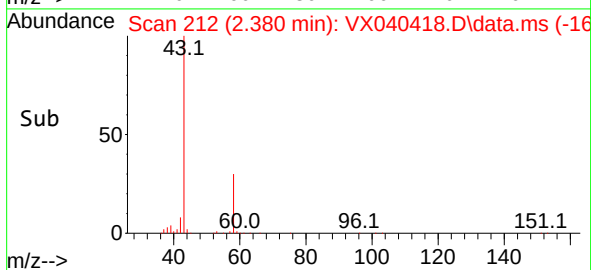
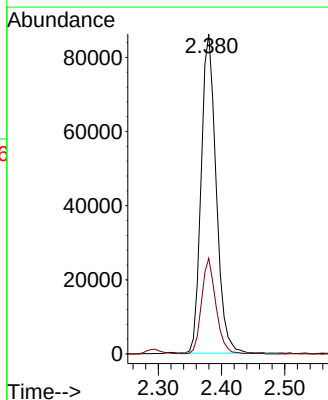
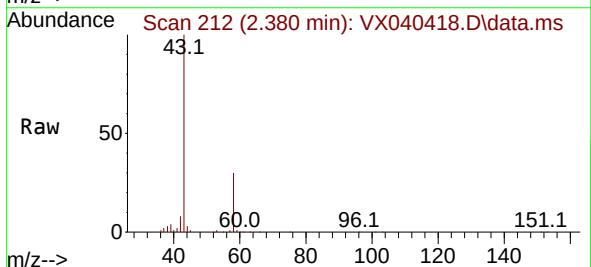
Manual Integrations
APPROVED

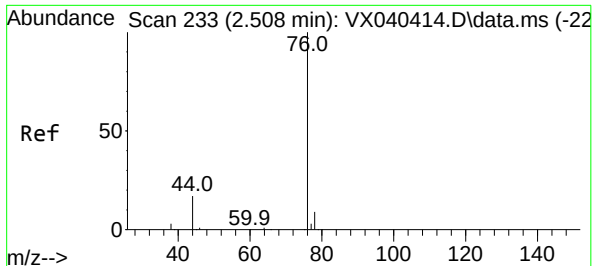
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 250.716 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 43 Resp: 142264
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





#17

Carbon Disulfide

Concen: 47.573 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224

Tgt Ion: 76 Resp: 120860

Ion Ratio Lower Upper

76 100

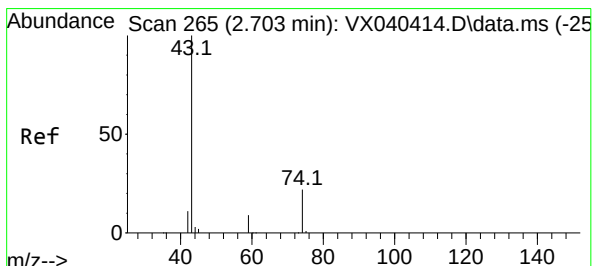
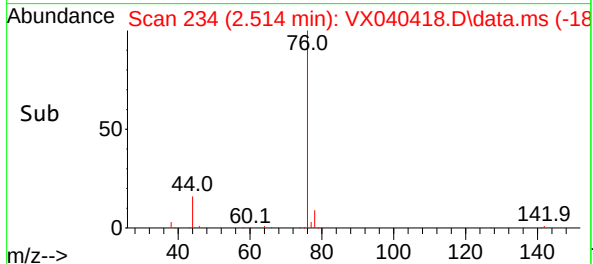
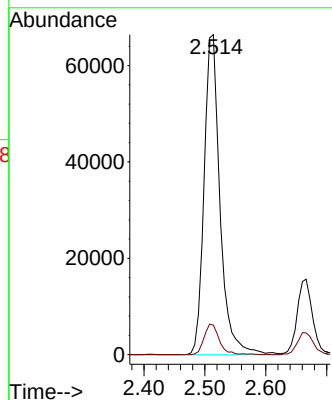
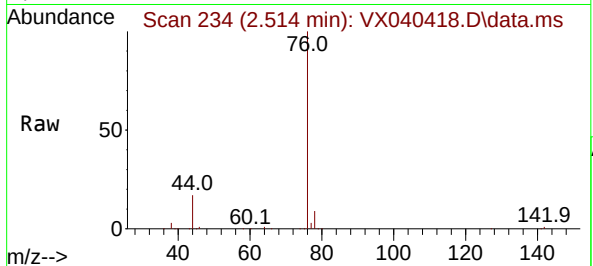
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#18

Methyl Acetate

Concen: 53.466 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040418.D

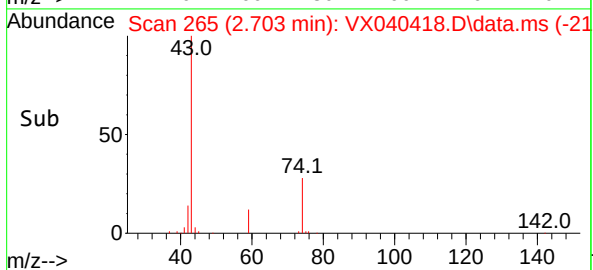
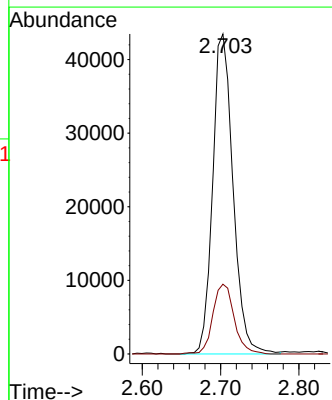
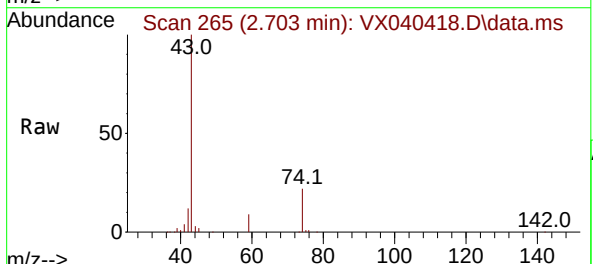
Acq: 23 Feb 2024 00:13

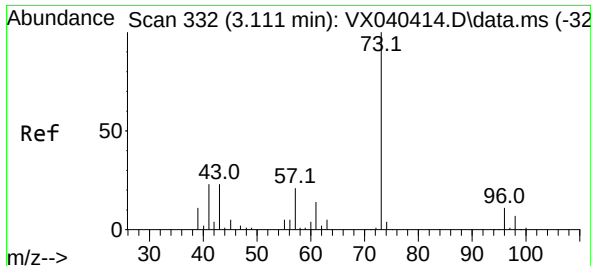
Tgt Ion: 43 Resp: 78585

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.8





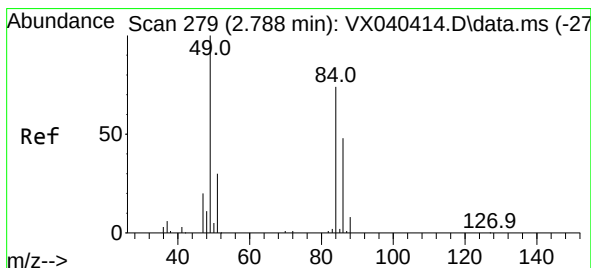
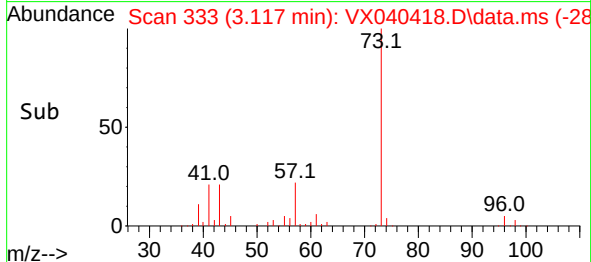
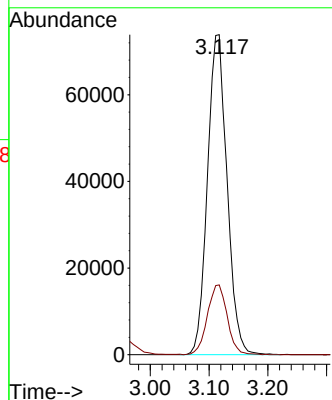
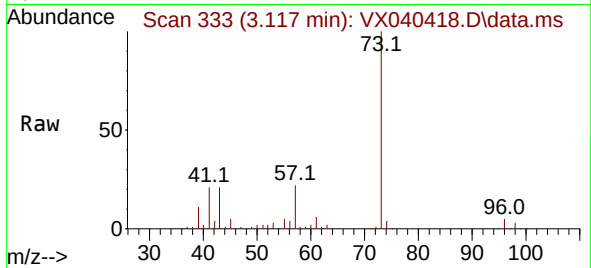
#19
Methyl tert-butyl Ether
Concen: 51.912 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224

Tgt Ion: 73 Resp: 17104
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

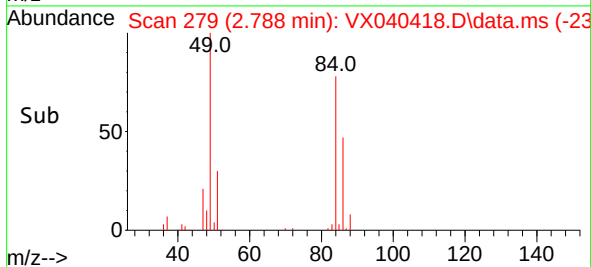
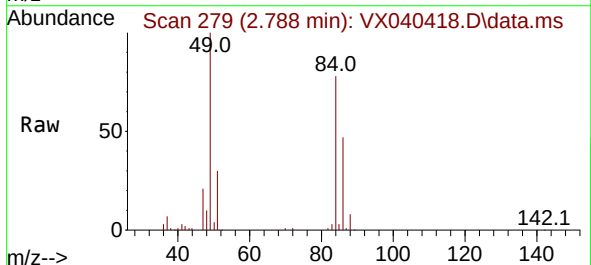
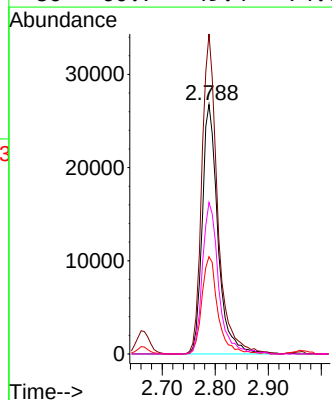
Manual Integrations
APPROVED

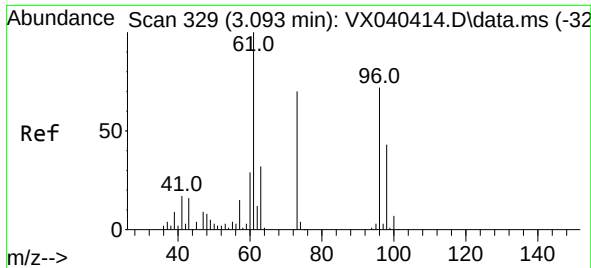
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 46.344 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

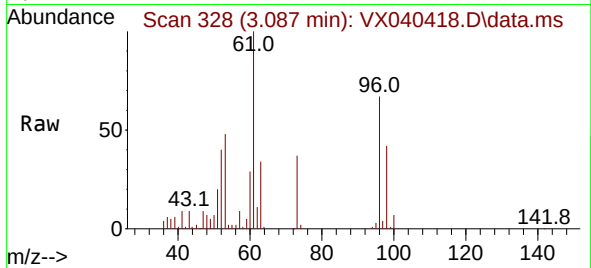
Tgt Ion: 84 Resp: 55062
Ion Ratio Lower Upper
84 100
49 128.3 103.6 155.4
51 39.0 33.8 50.6
86 60.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.715 ug/l
RT: 3.087 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

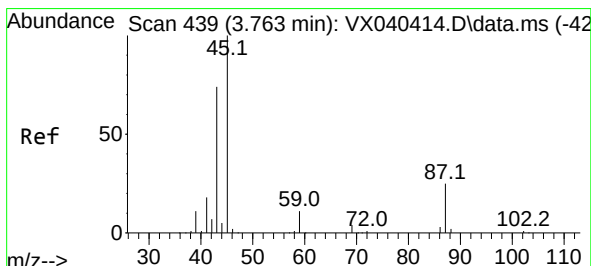
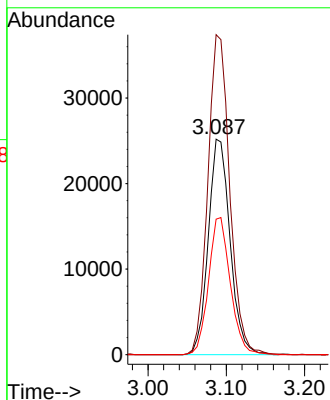
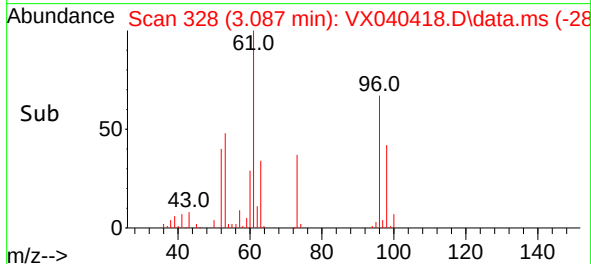
Instrument : MSVOA_X
ClientSampleId : ICVVX022224



Tgt Ion: 96 Resp: 48710
Ion Ratio Lower Upper
96 100
61 148.5 119.2 178.8
98 62.9 48.7 73.1

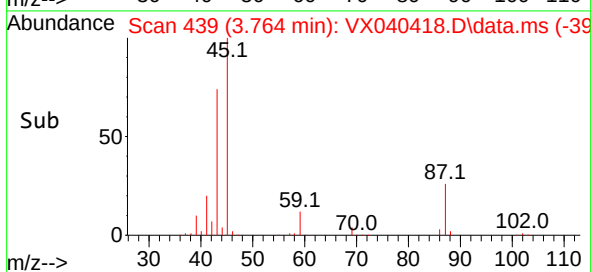
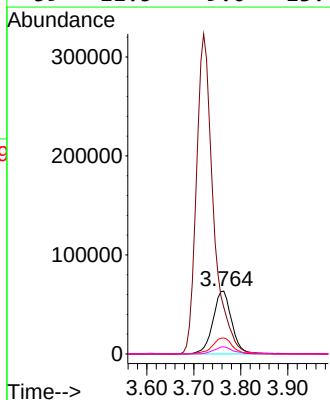
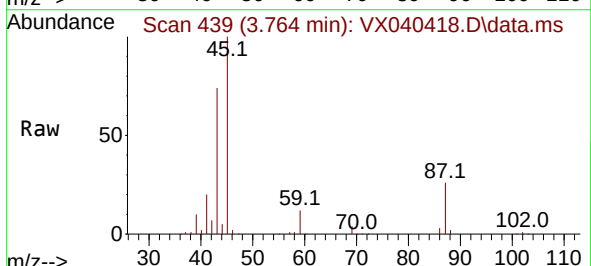
Manual Integrations
APPROVED

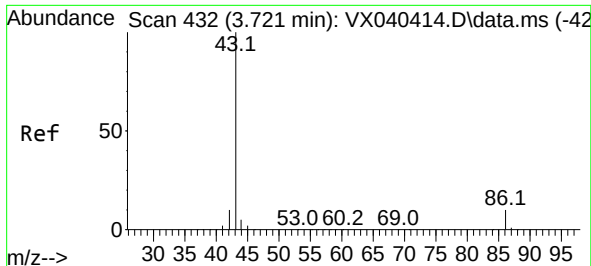
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 51.974 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 45 Resp: 175330
Ion Ratio Lower Upper
45 100
43 73.9 69.7 104.5
87 25.6 20.8 31.2
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 264.012 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

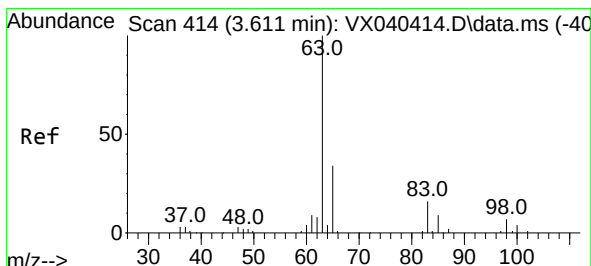
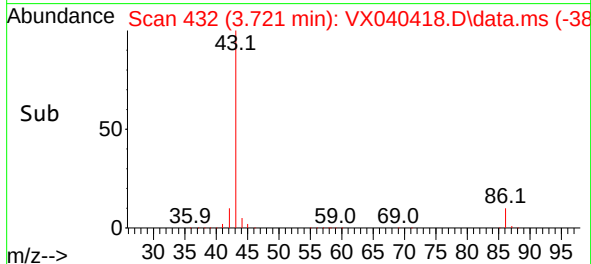
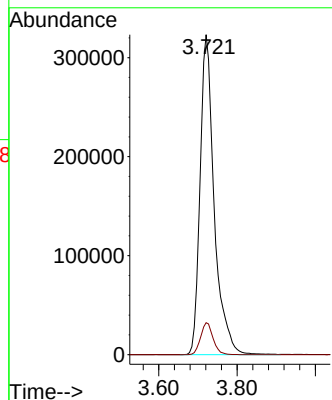
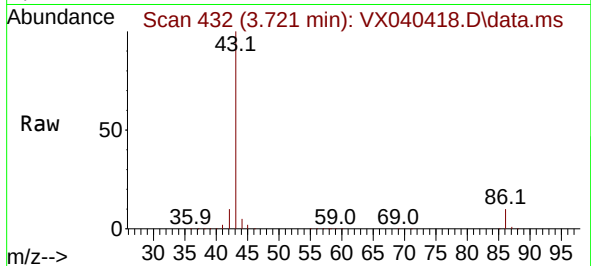
ClientSampleId :

ICVVX022224

Tgt Ion: 43 Resp: 812820
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

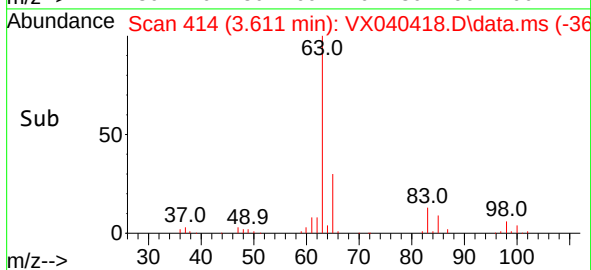
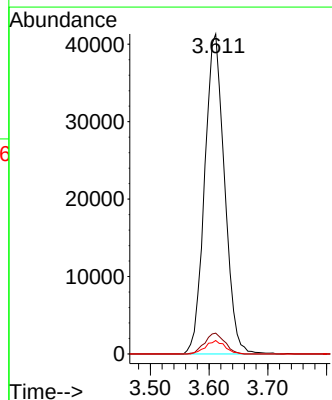
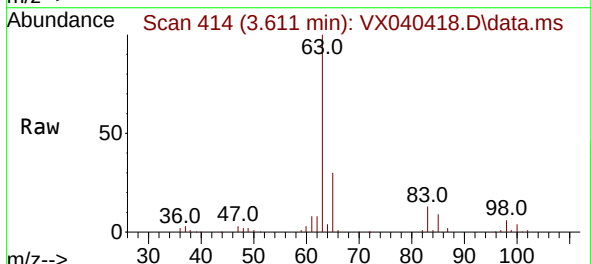
Manual Integrations
 APPROVED

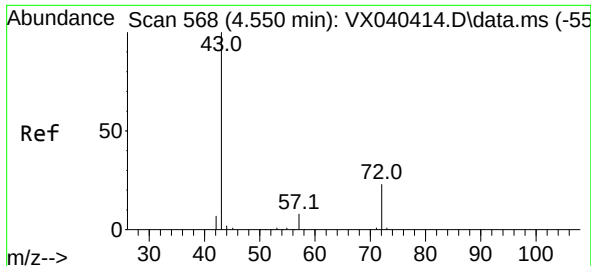
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 49.782 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13

Tgt Ion: 63 Resp: 97115
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.2 2.1 6.5





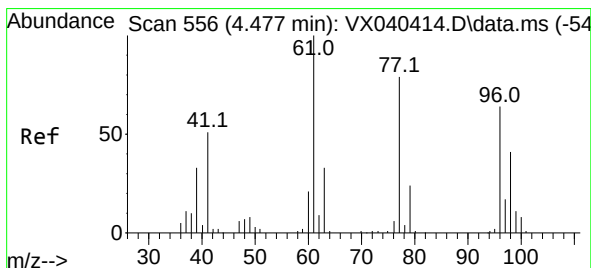
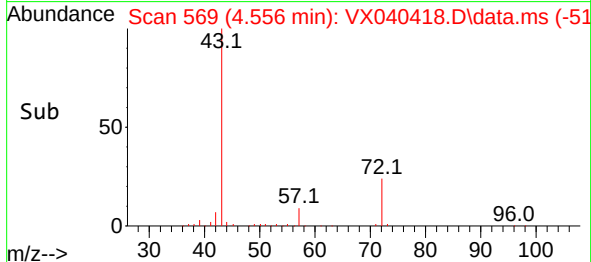
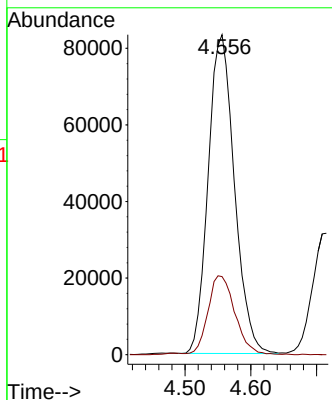
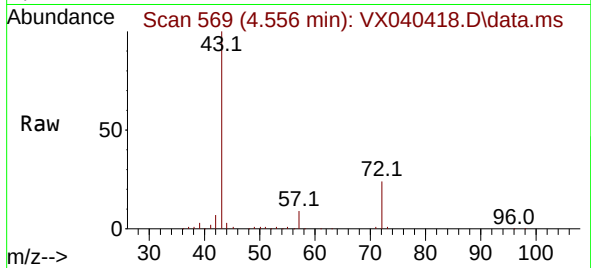
#25
2-Butanone
Concen: 261.278 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224

Tgt Ion: 43 Resp: 231138
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

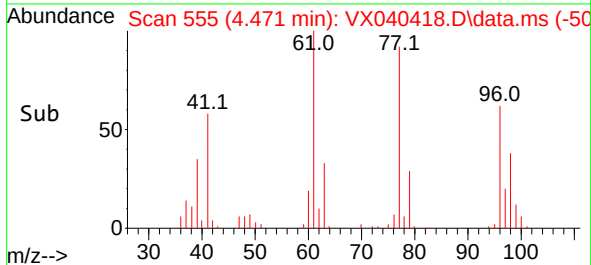
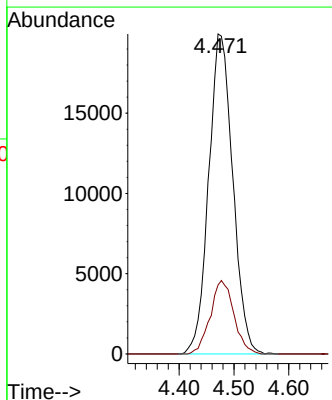
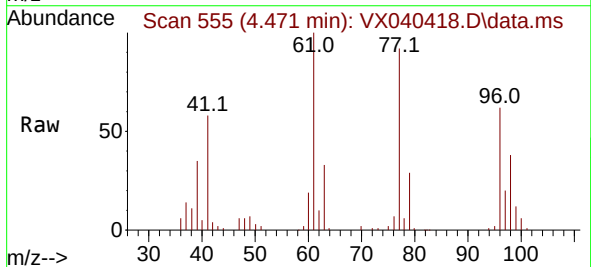
Manual Integrations
APPROVED

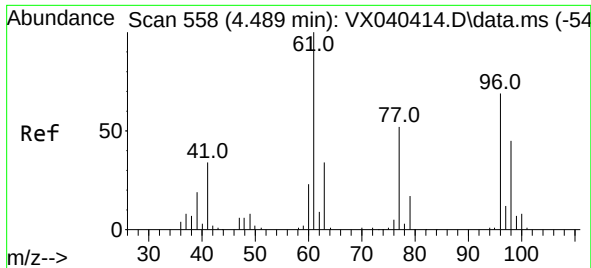
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 47.705 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 77 Resp: 60742
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





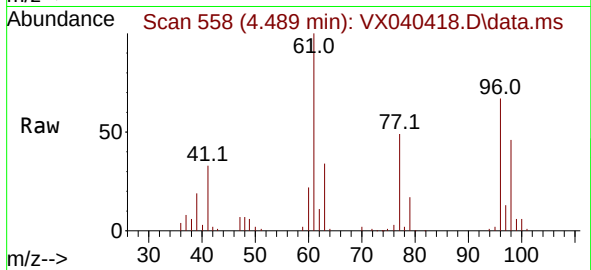
#27
 cis-1,2-Dichloroethene
 Concen: 49.924 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224



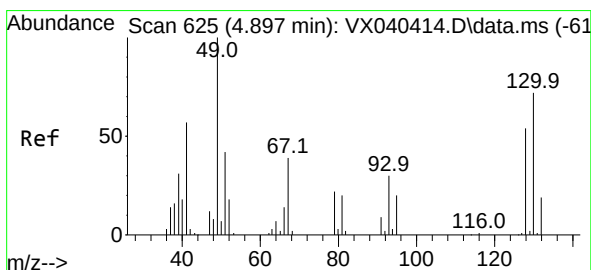
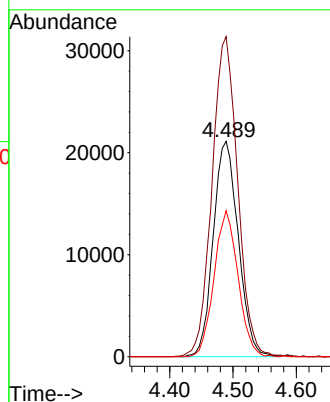
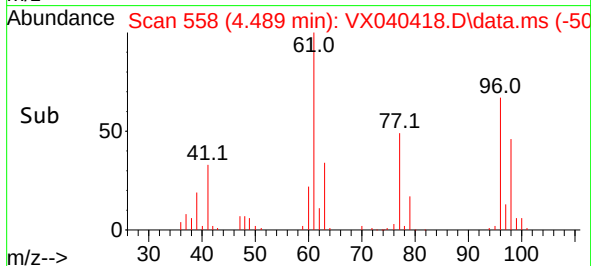
Tgt Ion: 96 Resp: 58010
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 312.2
 98 64.9 0.0 129.0

Manual Integrations

APPROVED

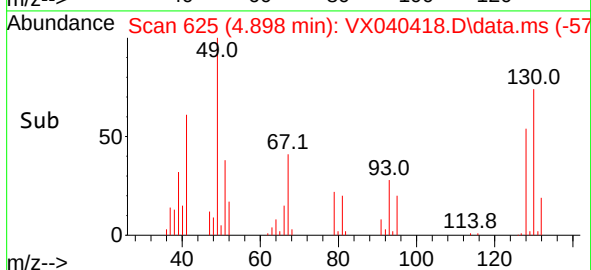
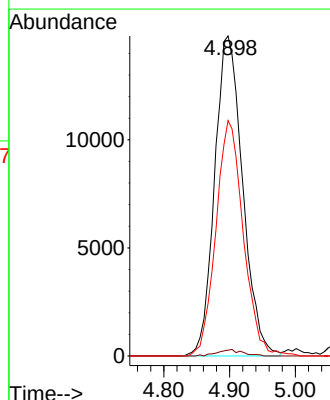
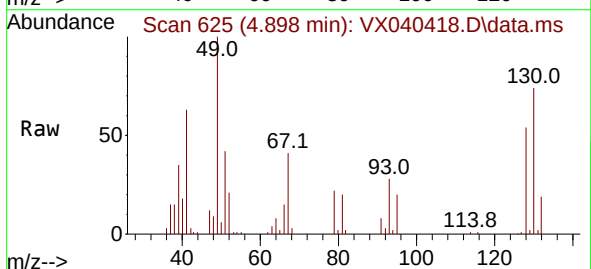
Reviewed By :John Carlone 02/23/2024

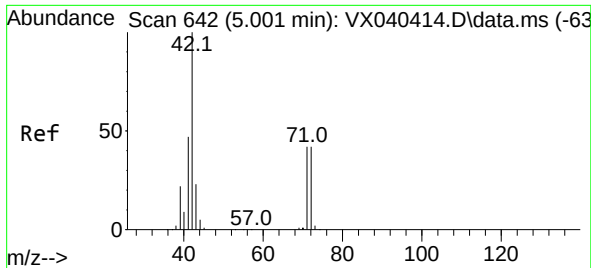
Supervised By :Mahesh Dadoda 02/23/2024



#28
 Bromochloromethane
 Concen: 48.211 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13

Tgt Ion: 49 Resp: 43867
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 72.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 259.657 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224

Tgt Ion: 42 Resp: 152910

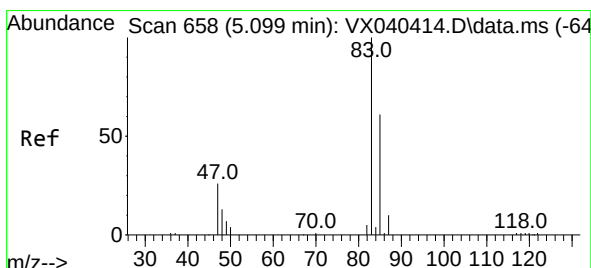
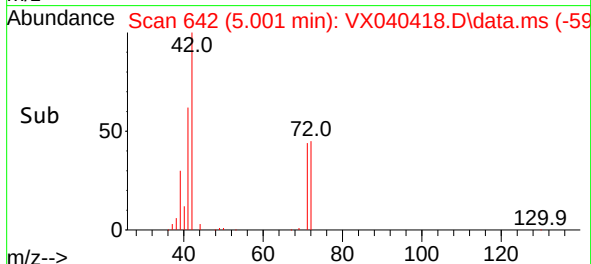
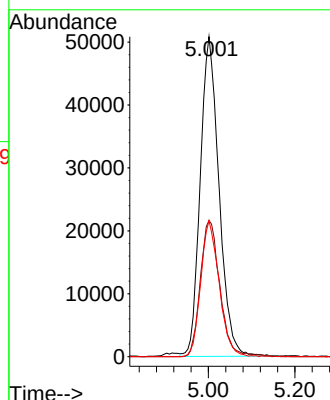
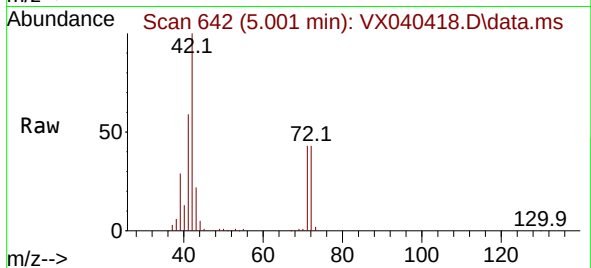
Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.2	51.4
71	41.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 48.683 ug/l

RT: 5.093 min Scan# 657

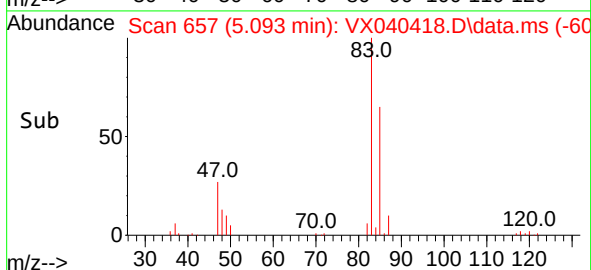
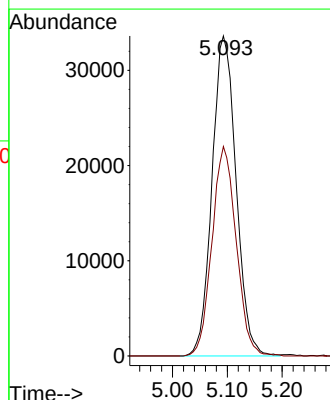
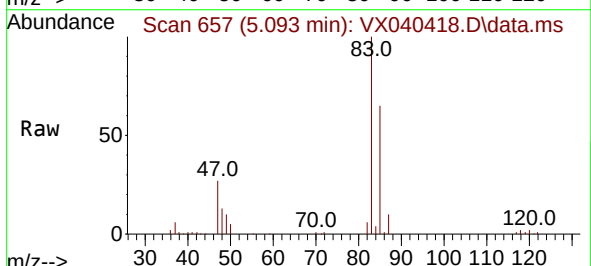
Delta R.T. -0.006 min

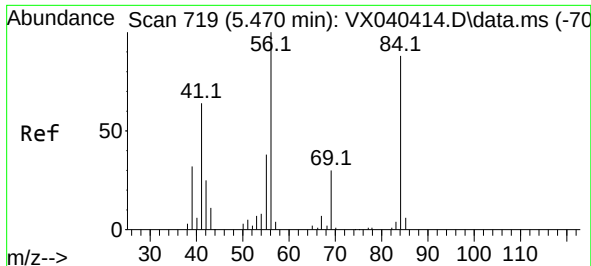
Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Tgt Ion: 83 Resp: 102358

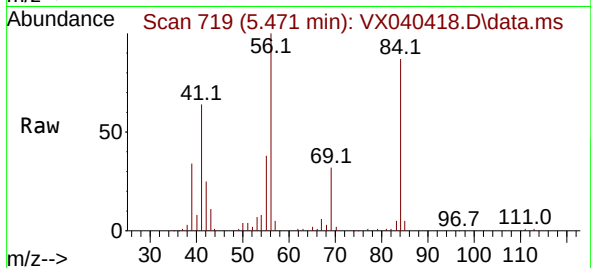
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.3	75.5





#31
Cyclohexane
Concen: 44.862 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

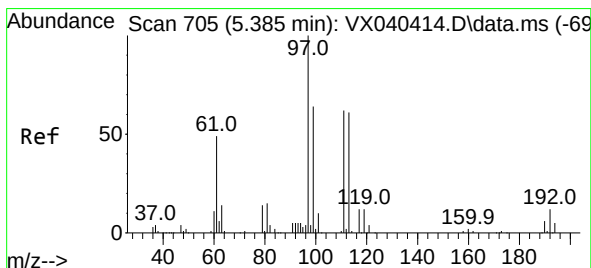
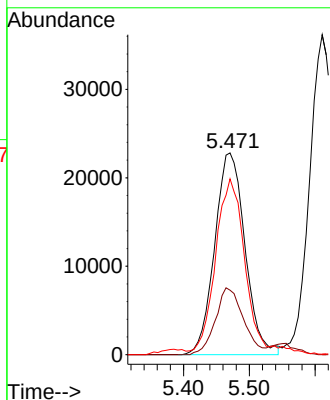
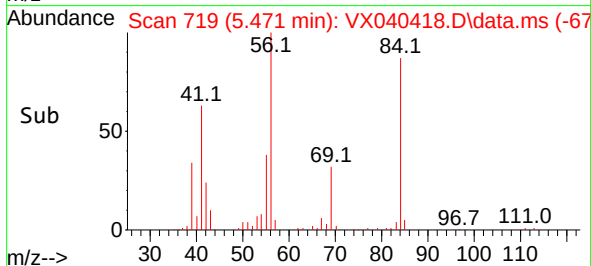
Instrument :
MSVOA_X
ClientSampleId :
ICVX022224



Tgt Ion: 56 Resp: 73240
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 84.9 65.9 98.9

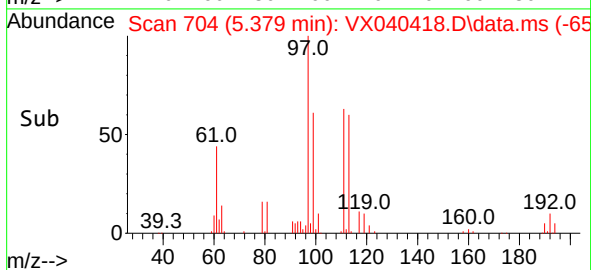
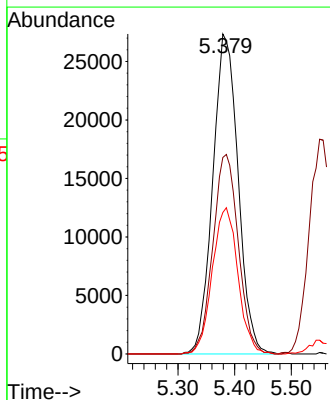
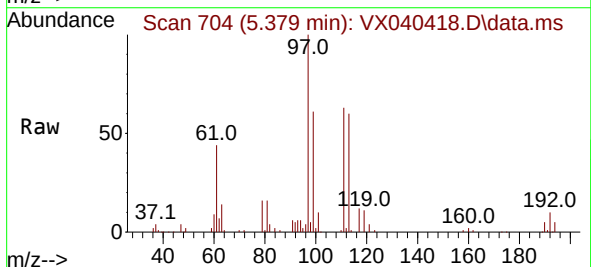
Manual Integrations
APPROVED

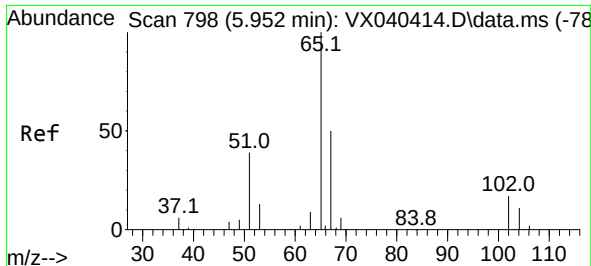
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#32
1,1,1-Trichloroethane
Concen: 48.779 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 97 Resp: 84905
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 46.3 36.4 54.6





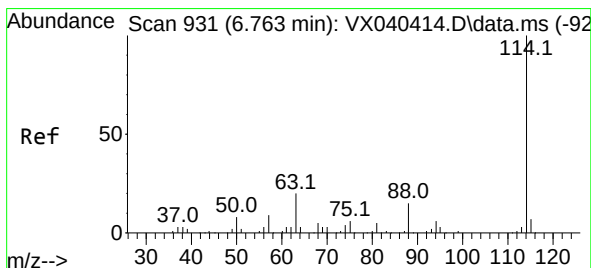
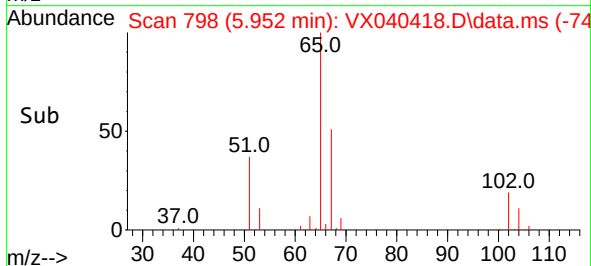
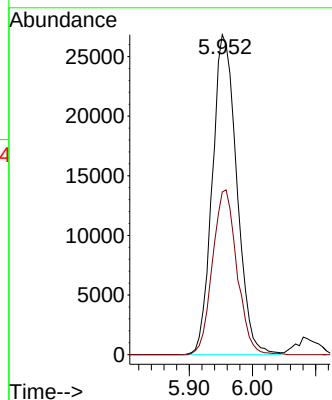
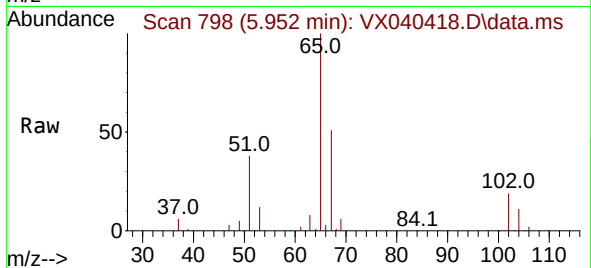
#33
1,2-Dichloroethane-d4
Concen: 52.981 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224

Tgt Ion: 65 Resp: 7215
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

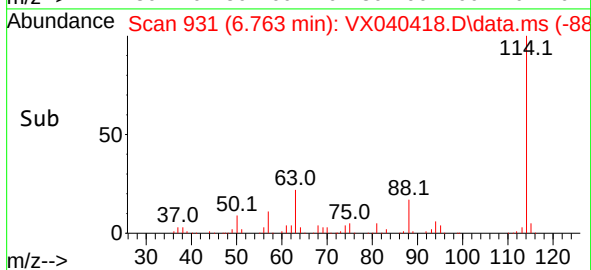
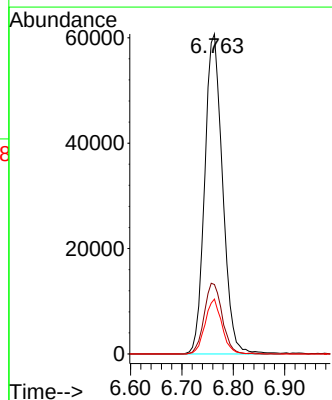
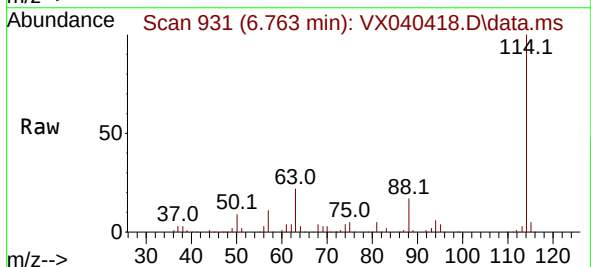
Manual Integrations
APPROVED

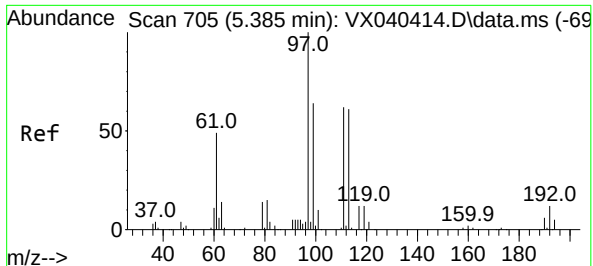
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion:114 Resp: 146421
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.773 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224

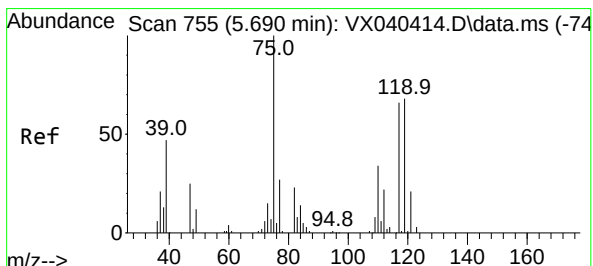
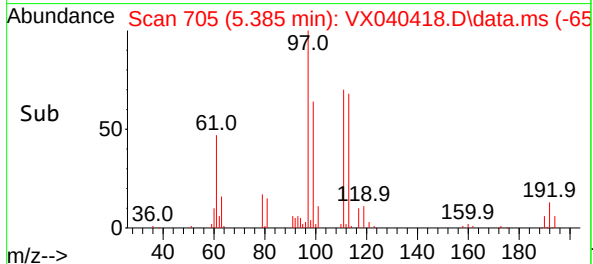
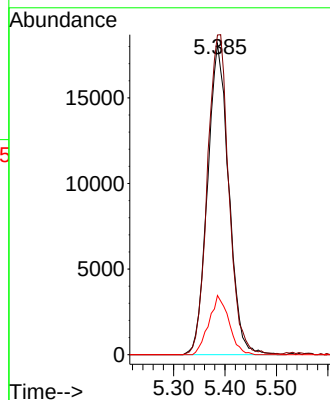
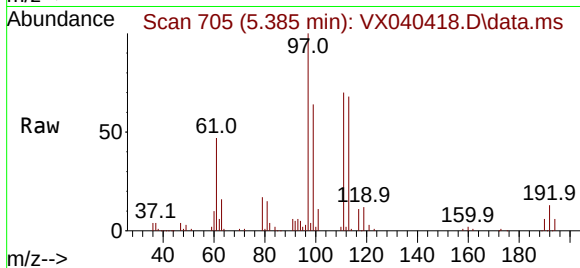
Tgt Ion:	113	Resp:	5207
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	18.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#36

1,1-Dichloropropene

Concen: 46.406 ug/l

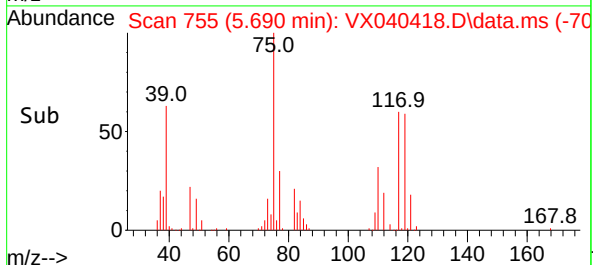
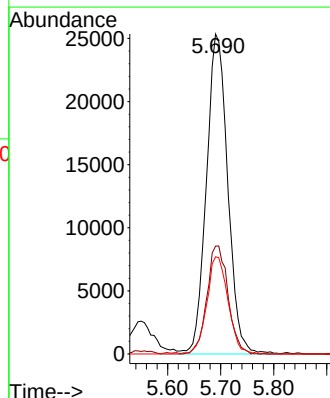
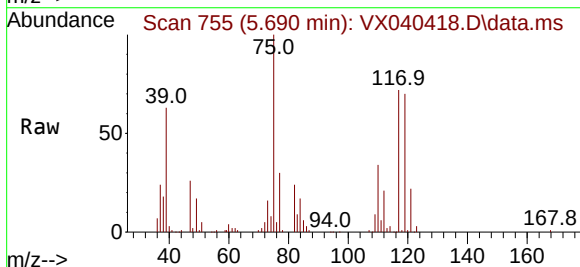
RT: 5.690 min Scan# 755

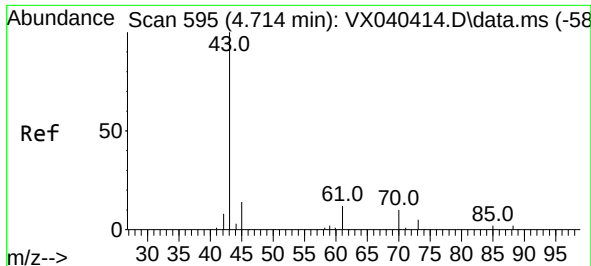
Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Tgt Ion:	75	Resp:	70863
Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.0	50.9
77	30.2	24.7	37.1





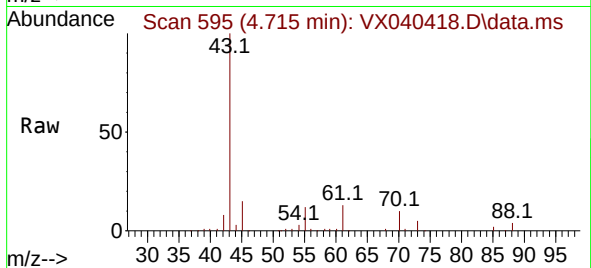
#37
Ethyl Acetate
Concen: 51.058 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224



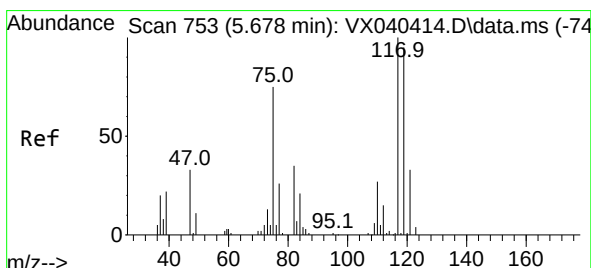
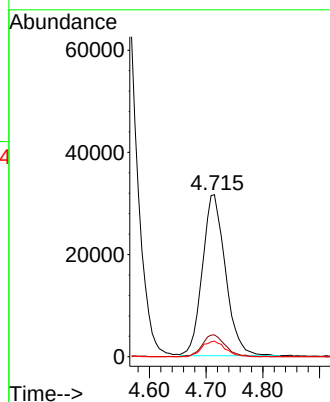
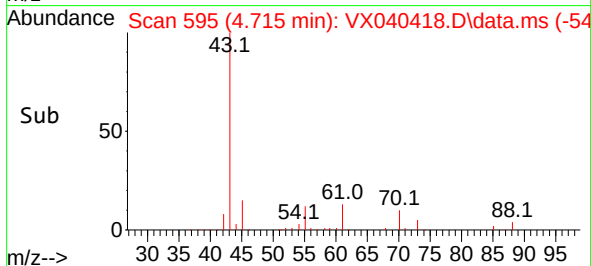
Tgt Ion: 43 Resp: 8907
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 9.7 8.3 12.5

Manual Integrations

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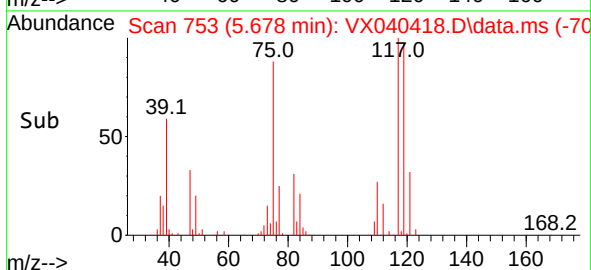
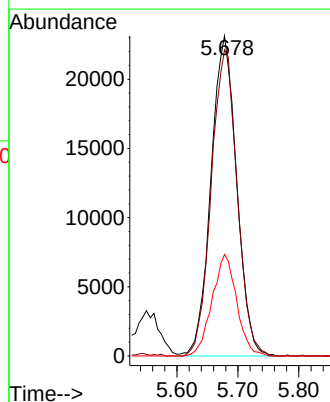
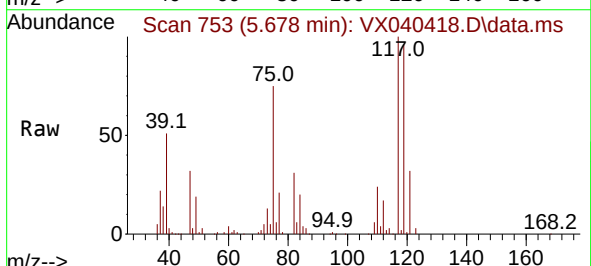
Reviewed By :John Carlone 02/23/2024

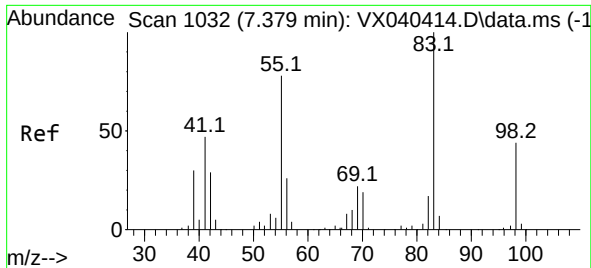
Supervised By :Mahesh Dadoda 02/23/2024



#38
Carbon Tetrachloride
Concen: 47.878 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion:117 Resp: 67642
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 31.7 24.4 36.6





#39
Methylcyclohexane
Concen: 45.812 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224

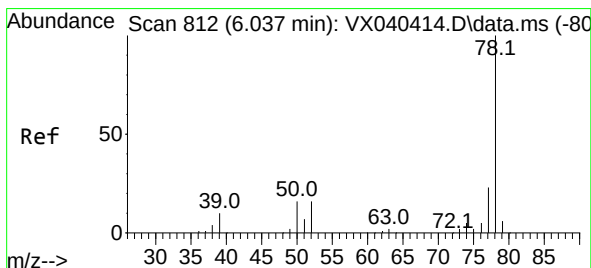
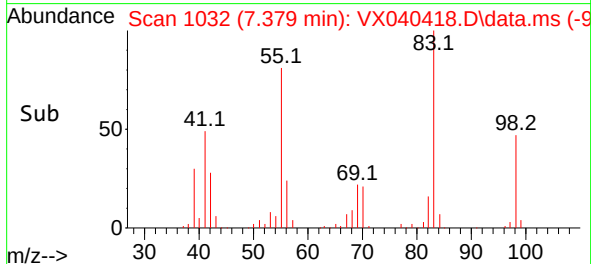
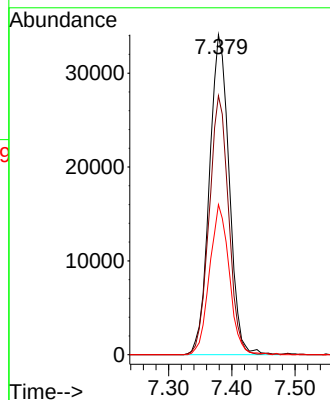
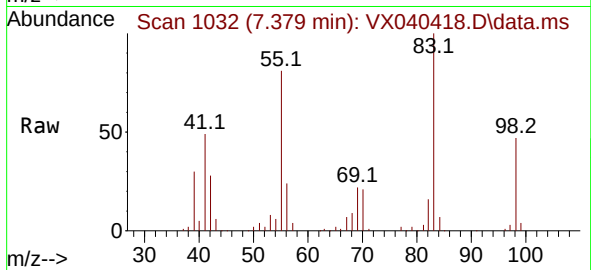
Tgt Ion: 83 Resp: 74140
Ion Ratio Lower Upper
83 100
55 80.9 64.6 97.0
98 46.9 36.7 55.1

Manual Integrations

APPROVED

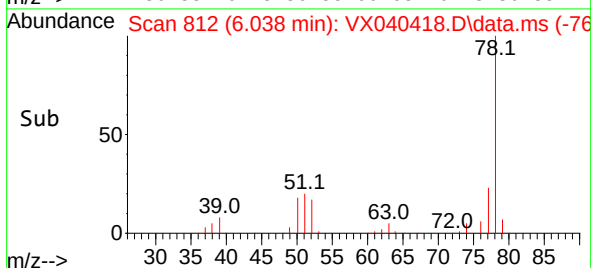
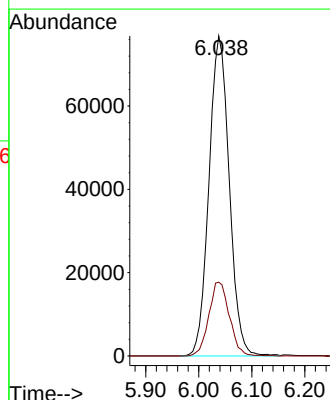
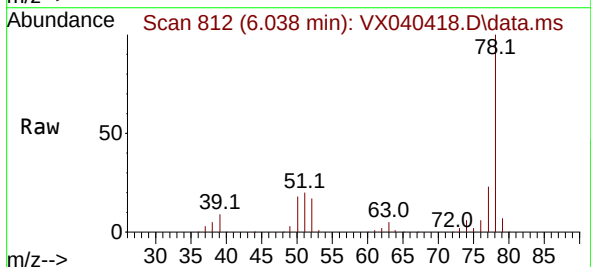
Reviewed By :John Carlone 02/23/2024

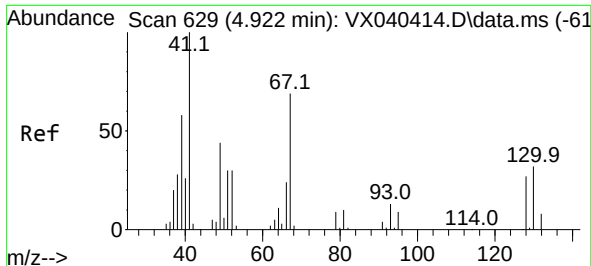
Supervised By :Mahesh Dadoda 02/23/2024



#40
Benzene
Concen: 49.188 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 78 Resp: 204336
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9





#41
Methacrylonitrile
Concen: 51.170 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224

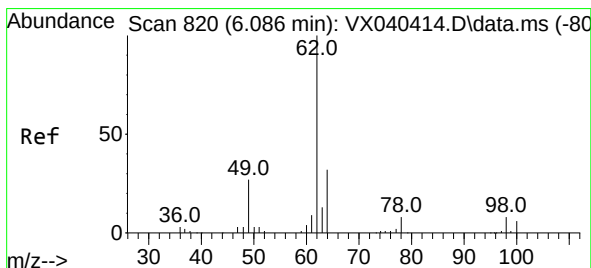
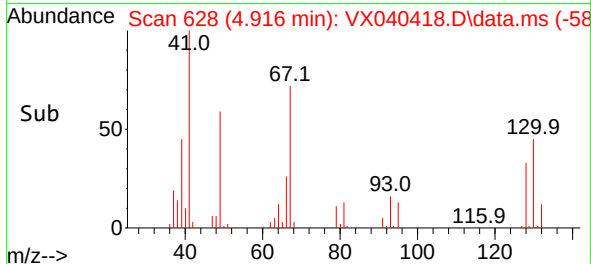
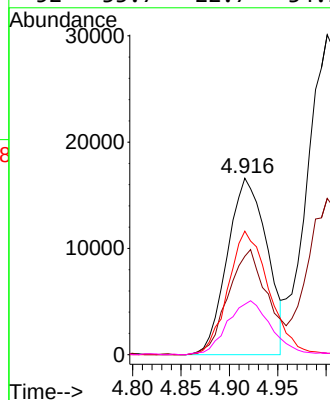
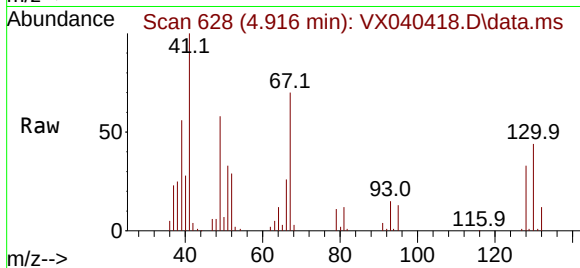
Tgt Ion: 41 Resp: 47404
Ion Ratio Lower Upper
41 100
39 59.8 45.2 67.8
67 72.4 52.6 78.8
52 33.7 22.7 34.1

Manual Integrations

APPROVED

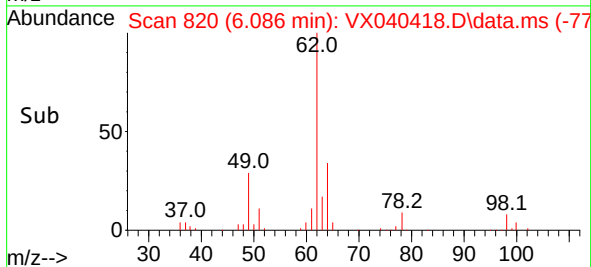
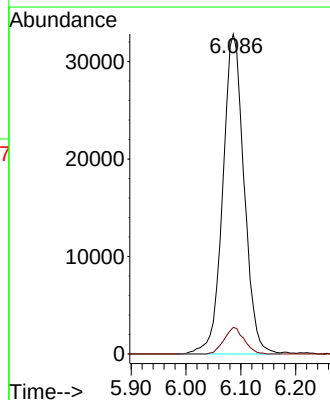
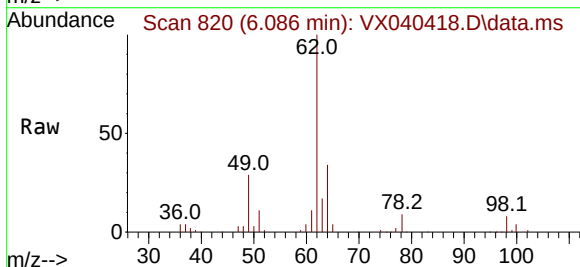
Reviewed By :John Carlone 02/23/2024

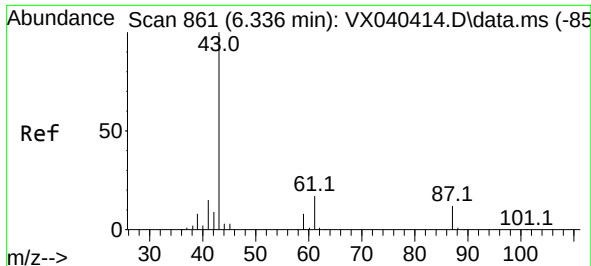
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 51.342 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

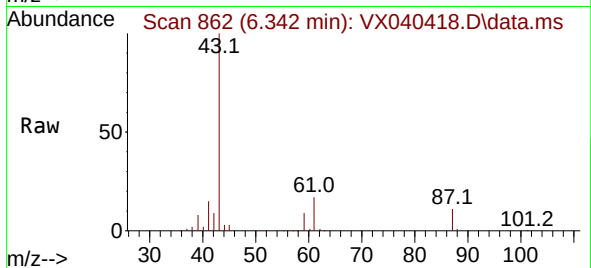
Tgt Ion: 62 Resp: 88639
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.976 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

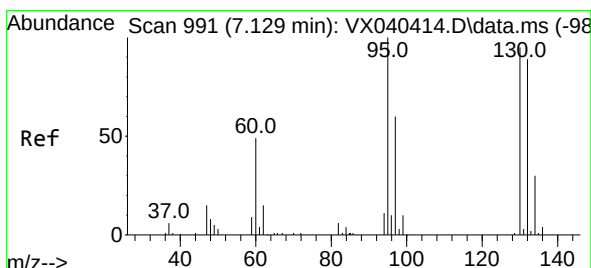
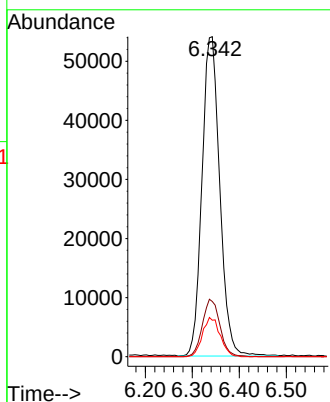
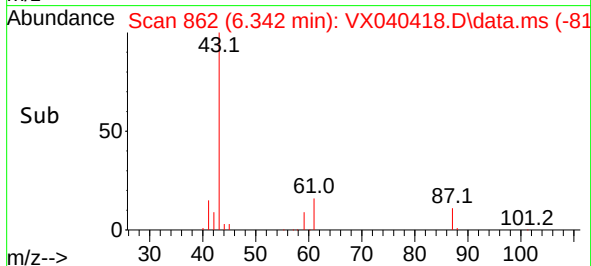
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224



Tgt Ion: 43 Resp: 141810
Ion Ratio Lower Upper
43 100
61 17.7 15.2 22.8
87 12.2 9.8 14.6

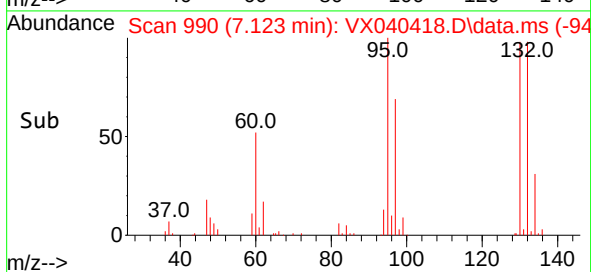
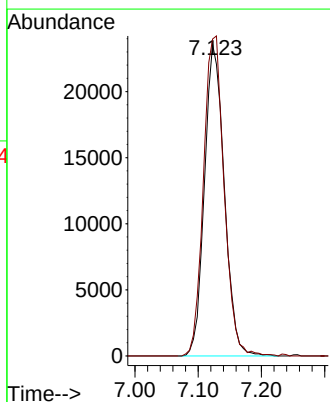
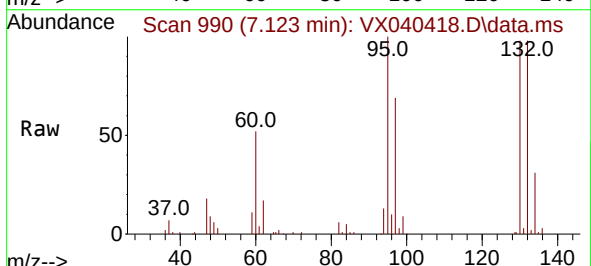
Manual Integrations
APPROVED

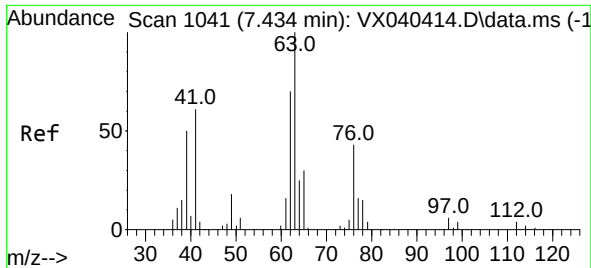
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#44
Trichloroethene
Concen: 47.372 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

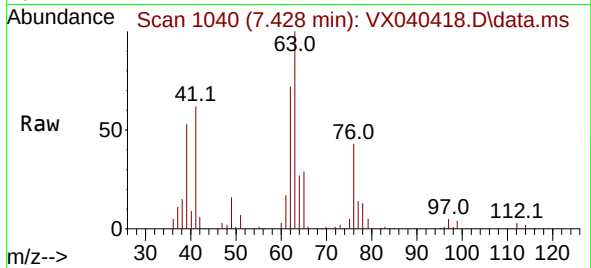
Tgt Ion:130 Resp: 51469
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.4





#45
1,2-Dichloropropane
Concen: 50.024 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

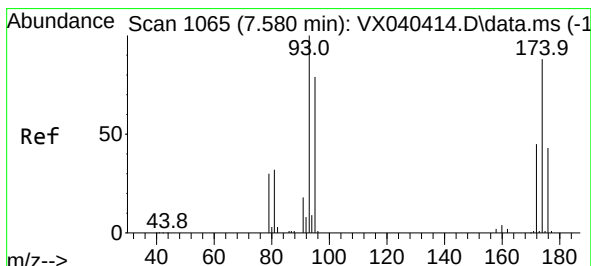
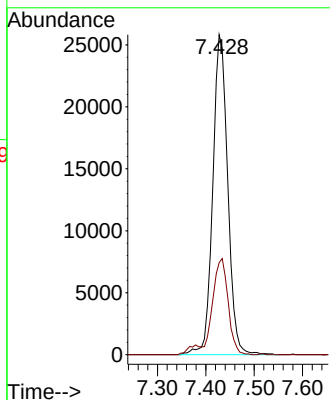
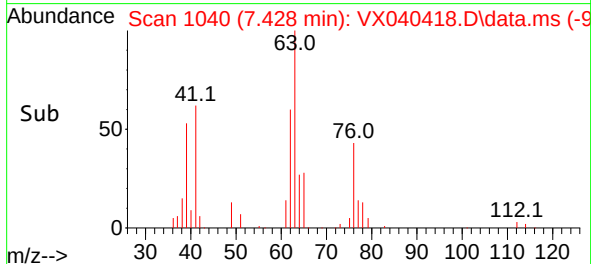
Instrument : MSVOA_X
ClientSampleId : ICVVX022224



Tgt Ion: 63 Resp: 55458
Ion Ratio Lower Upper
63 100
65 28.8 24.3 36.5

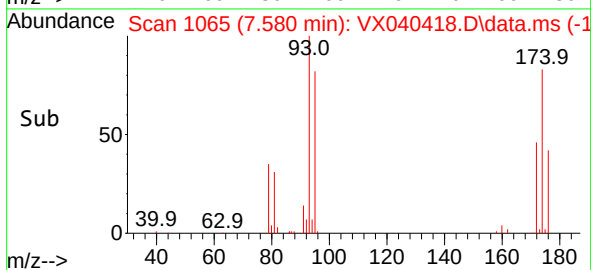
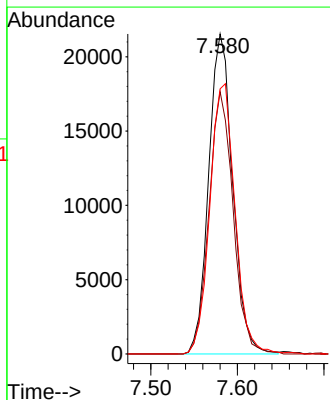
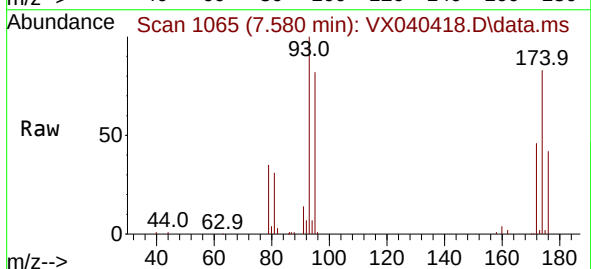
Manual Integrations
APPROVED

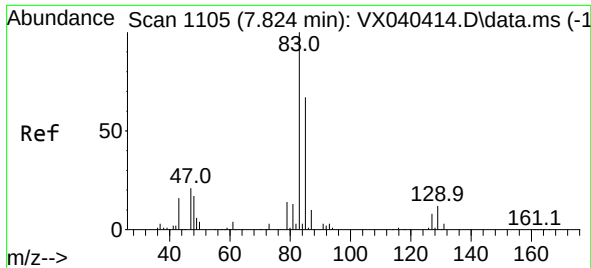
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#46
Dibromomethane
Concen: 49.986 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 93 Resp: 41576
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 88.5 69.4 104.0





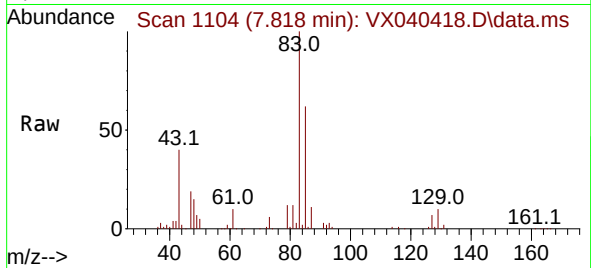
#47
Bromodichloromethane
Concen: 52.002 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224



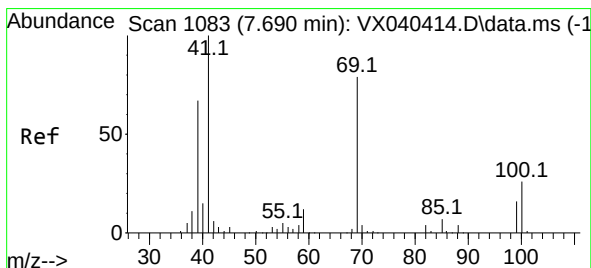
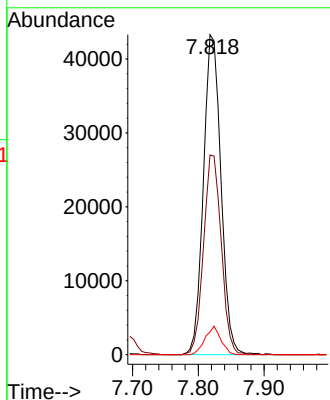
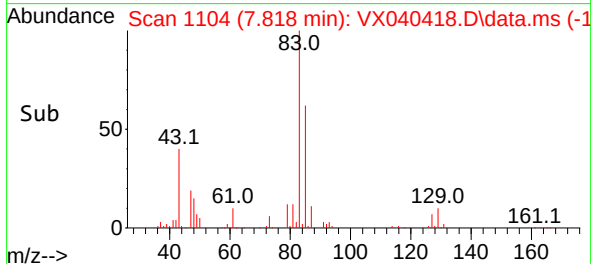
Tgt Ion: 83 Resp: 80498
Ion Ratio Lower Upper
83 100
85 62.4 49.8 74.6
127 7.2 7.1 10.7

Manual Integrations

APPROVED

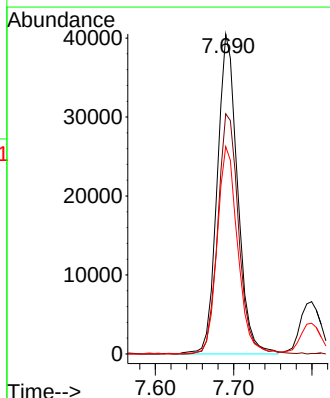
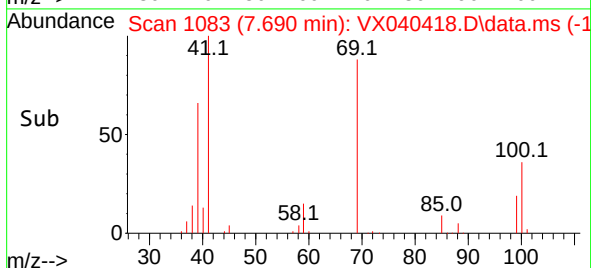
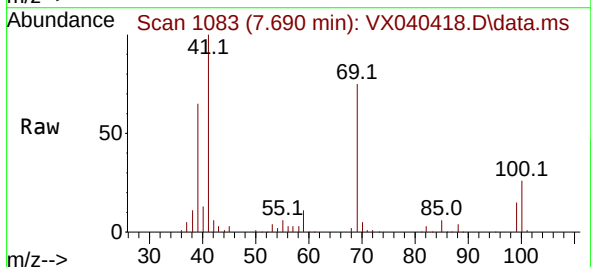
Reviewed By :John Carlone 02/23/2024

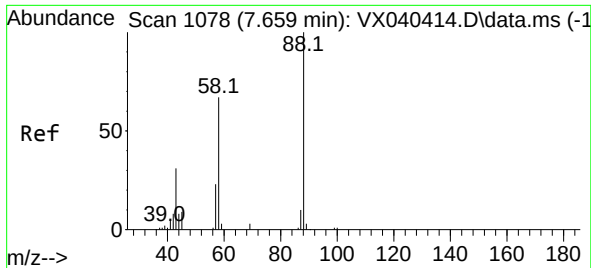
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 55.198 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 41 Resp: 73177
Ion Ratio Lower Upper
41 100
69 77.2 59.2 88.8
39 65.6 47.7 71.5





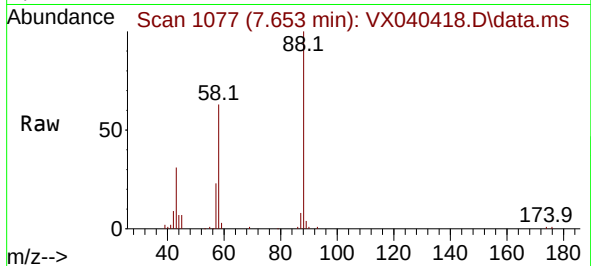
#49
1,4-Dioxane
Concen: 1166.422 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224



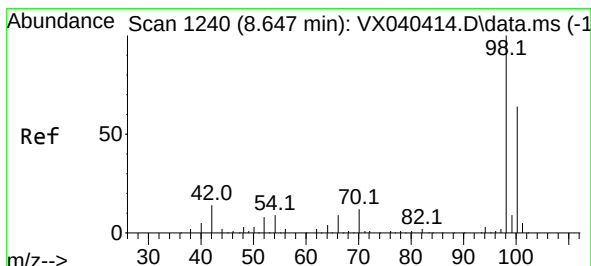
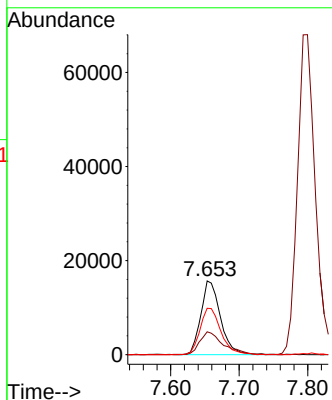
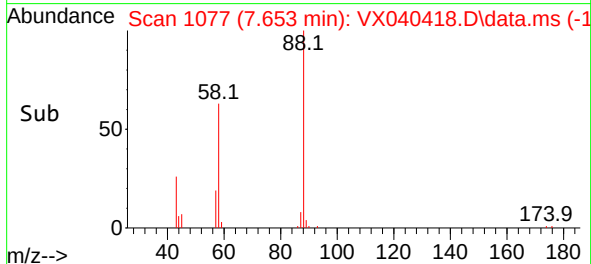
Tgt Ion: 88 Resp: 31169
Ion Ratio Lower Upper
88 100
43 37.5 0.0 0.0
58 66.8 60.1 90.1

Manual Integrations

APPROVED

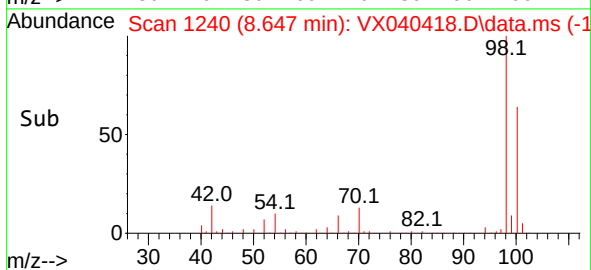
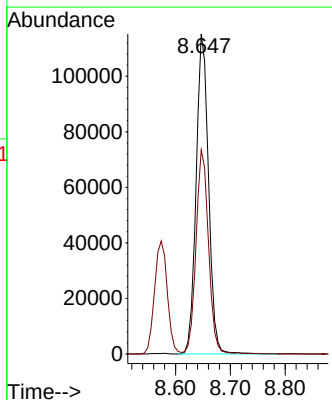
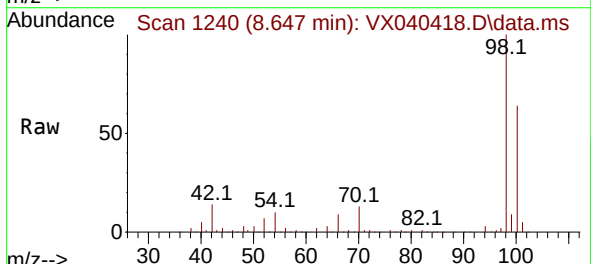
Reviewed By :John Carlone 02/23/2024

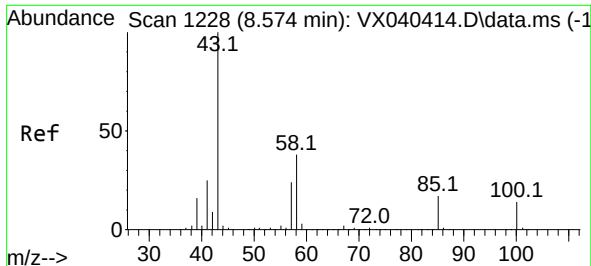
Supervised By :Mahesh Dadoda 02/23/2024



#50
Toluene-d8
Concen: 51.044 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 98 Resp: 181923
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 265.252 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224

Tgt Ion: 43 Resp: 482269

Ion Ratio Lower Upper

43 100

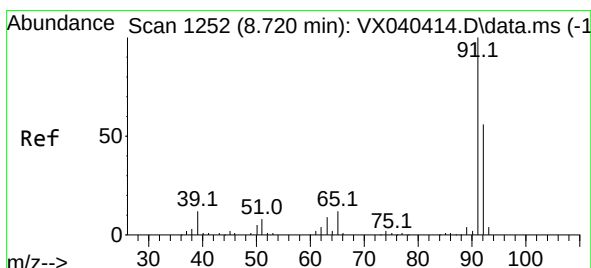
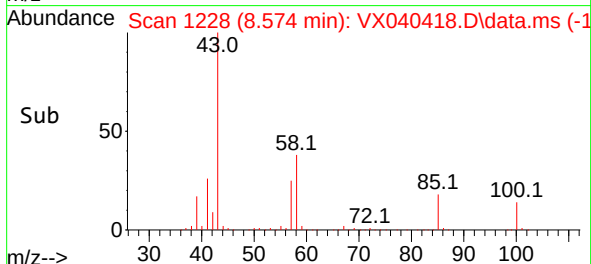
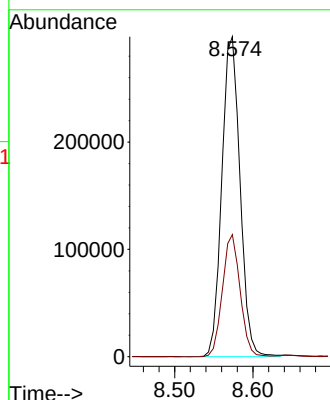
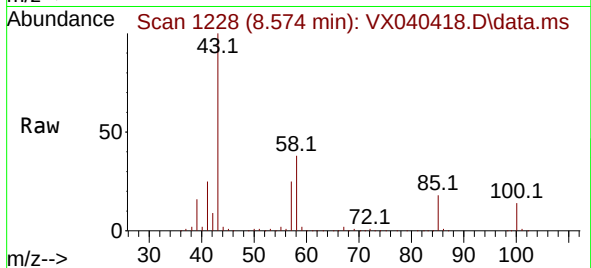
58 37.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#52

Toluene

Concen: 49.436 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040418.D

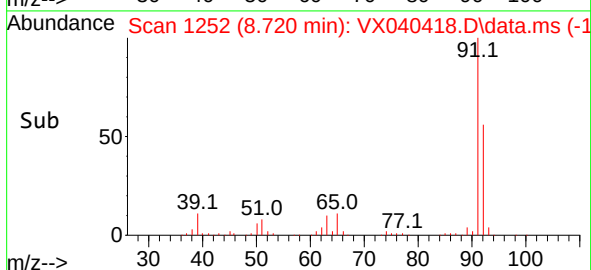
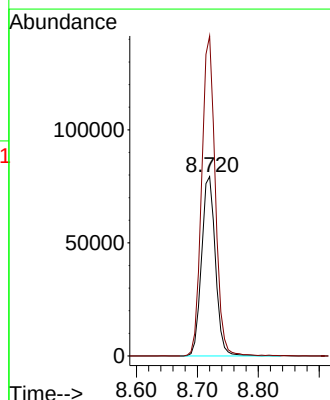
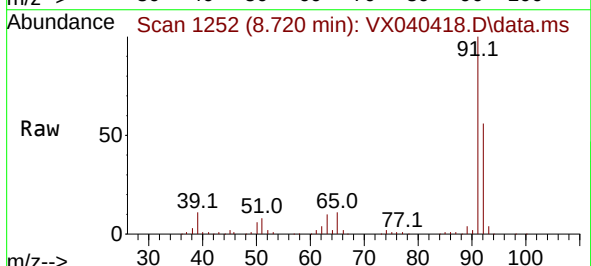
Acq: 23 Feb 2024 00:13

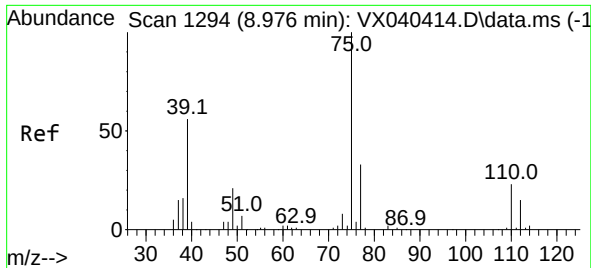
Tgt Ion: 92 Resp: 125854

Ion Ratio Lower Upper

92 100

91 174.8 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 52.359 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

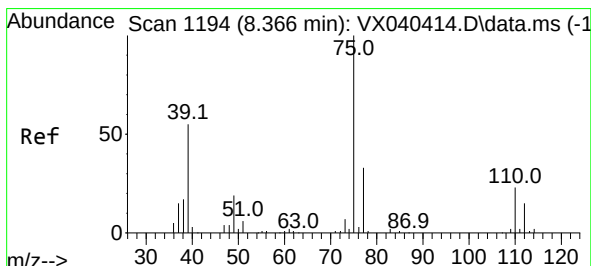
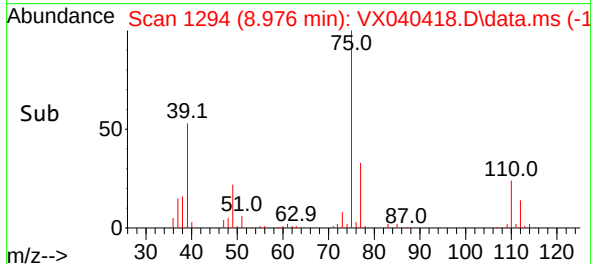
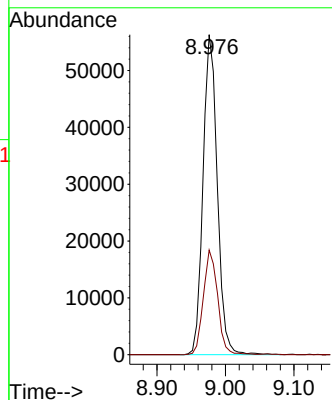
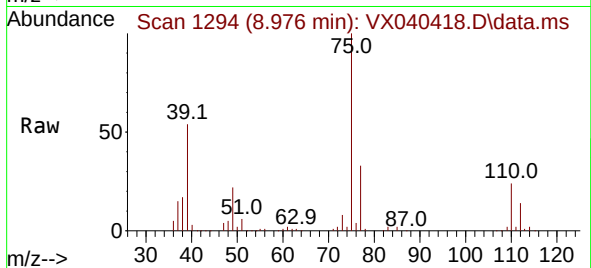
ICVVX022224

Tgt Ion: 75 Resp: 81714
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5

Manual Integrations

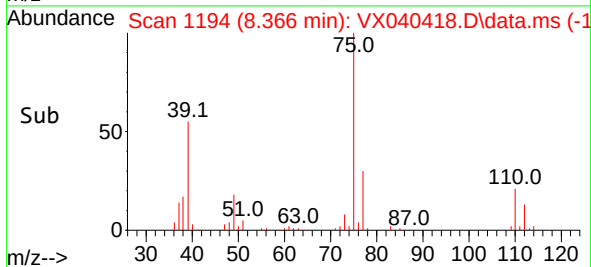
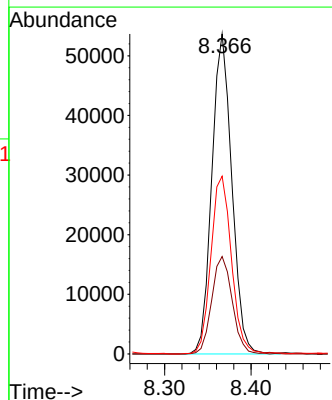
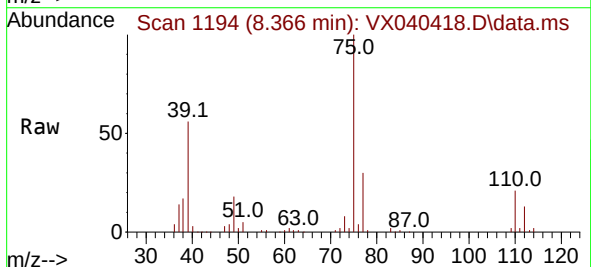
APPROVED

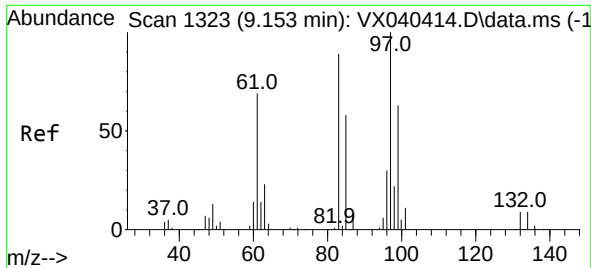
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.739 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13

Tgt Ion: 75 Resp: 86018
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9
 39 55.5 46.7 70.1





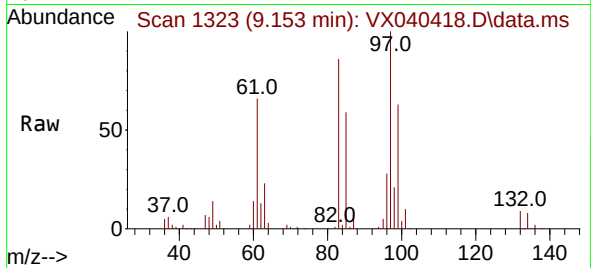
#55
1,1,2-Trichloroethane
Concen: 51.365 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224



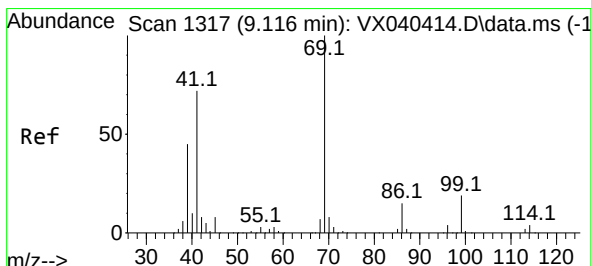
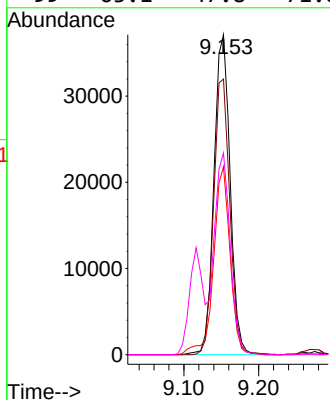
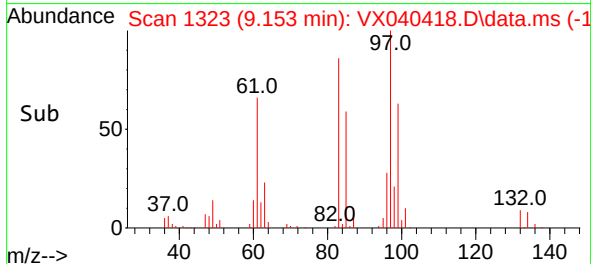
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	65.8	98.8
85	58.7	41.6	62.4
99	63.1	47.8	71.8

Manual Integrations

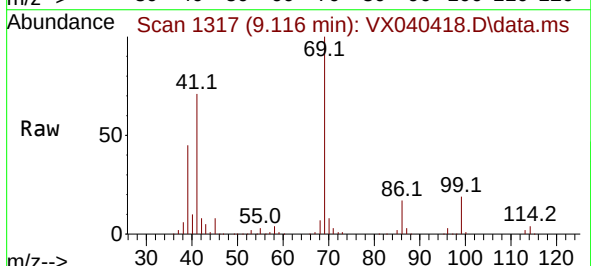
APPROVED

Reviewed By :John Carlone 02/23/2024

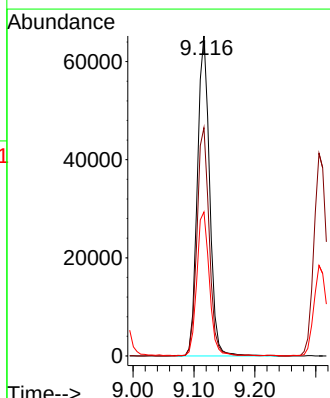
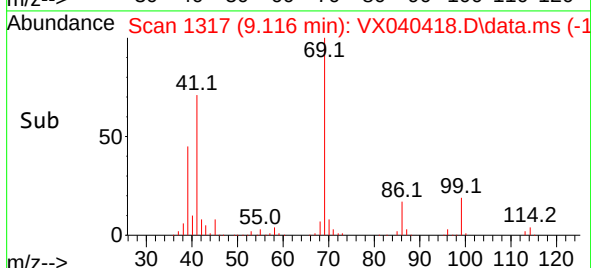
Supervised By :Mahesh Dadoda 02/23/2024

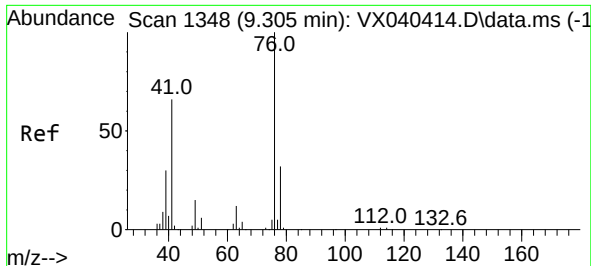


#56
Ethyl methacrylate
Concen: 54.604 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.8	85.2
39	46.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.022 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224

Tgt Ion: 76 Resp: 94990

Ion Ratio Lower Upper

76 100

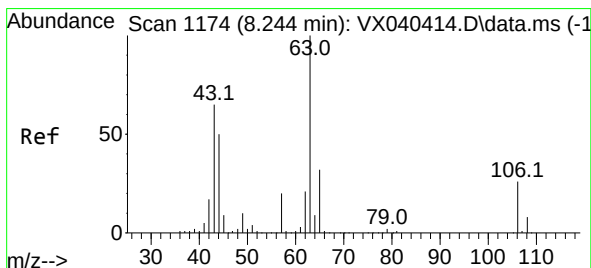
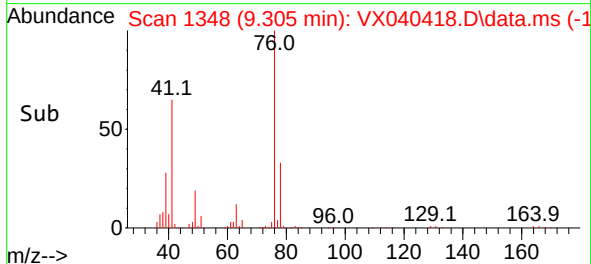
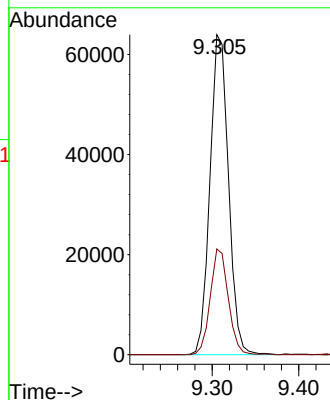
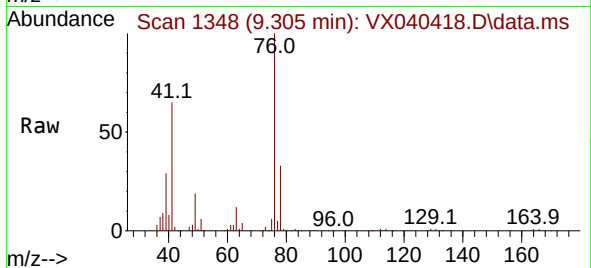
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 258.105 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040418.D

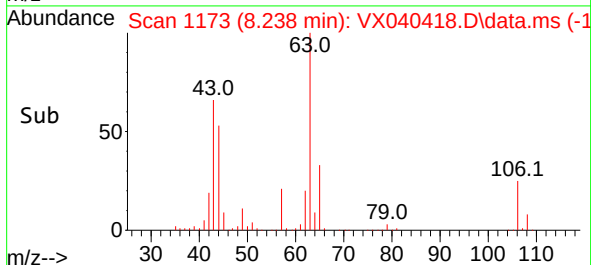
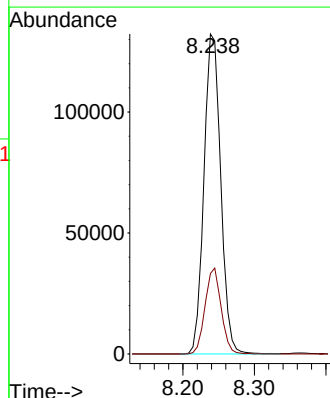
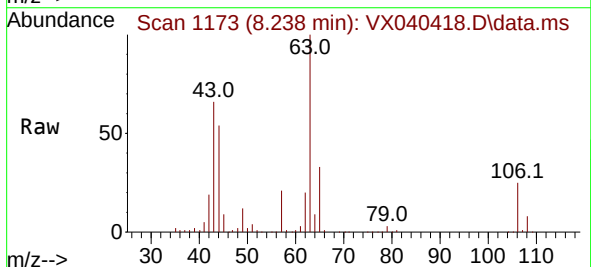
Acq: 23 Feb 2024 00:13

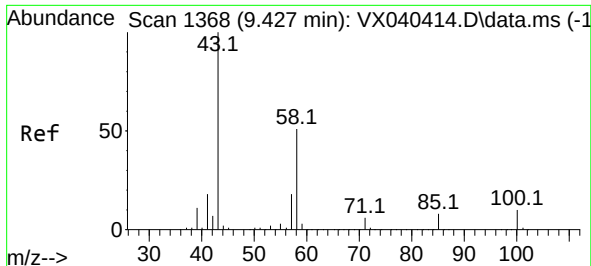
Tgt Ion: 63 Resp: 215556

Ion Ratio Lower Upper

63 100

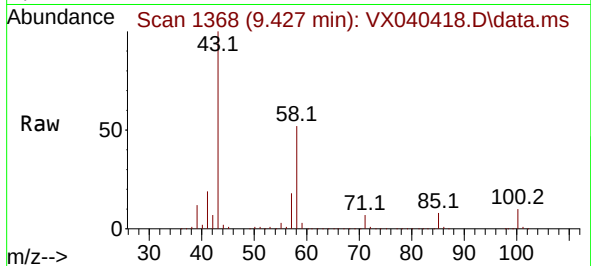
106 25.7 22.5 33.7





#59
2-Hexanone
Concen: 271.935 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

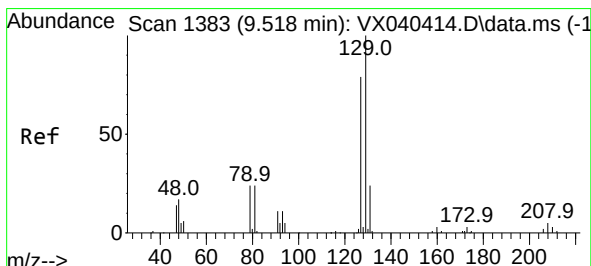
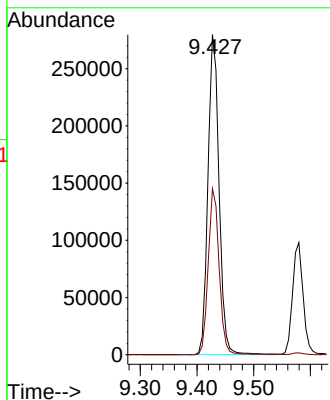
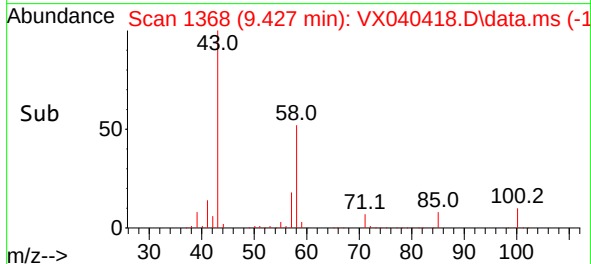
Instrument :
MSVOA_X
ClientSampleId :
ICVX022224



Tgt Ion: 43 Resp: 38131
Ion Ratio Lower Upper
43 100
58 51.3 26.2 78.5

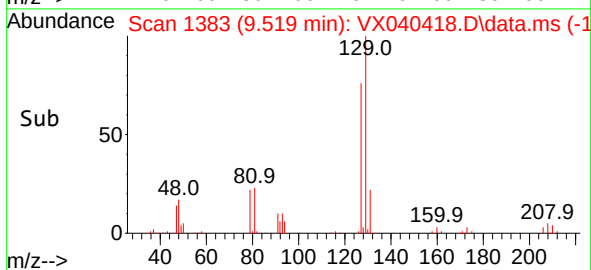
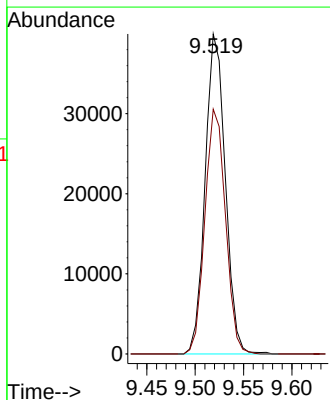
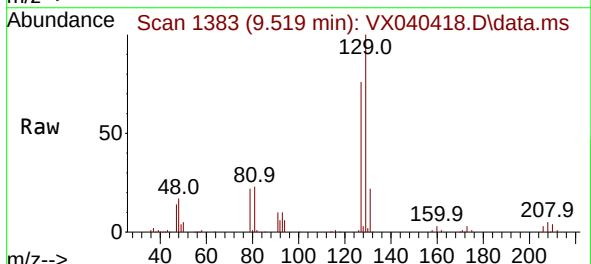
Manual Integrations
APPROVED

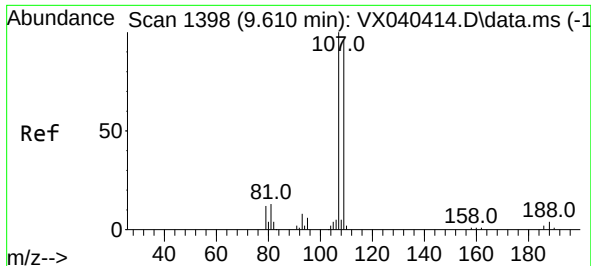
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 52.956 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

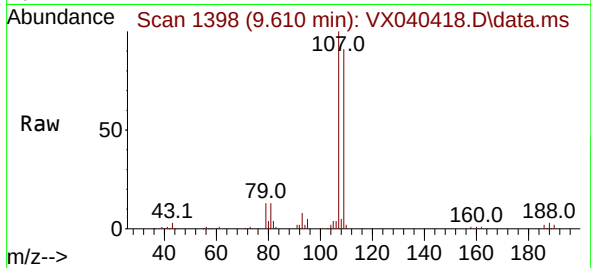
Tgt Ion:129 Resp: 57884
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.339 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

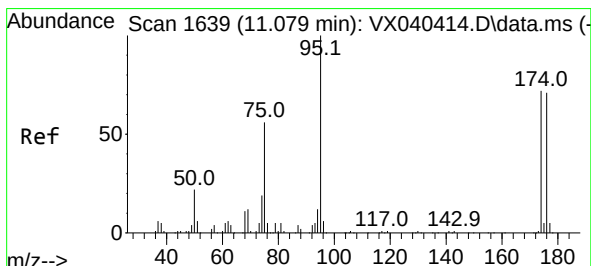
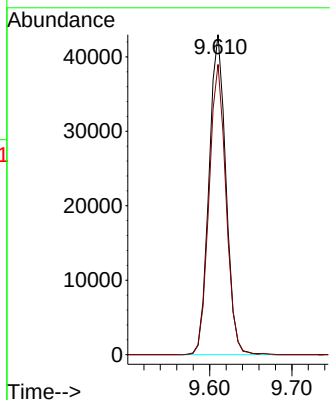
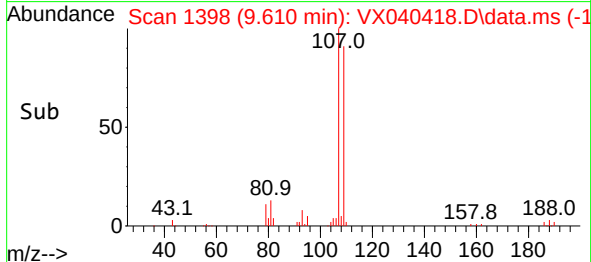
Instrument :
MSVOA_X
ClientSampleId :
ICVX022224



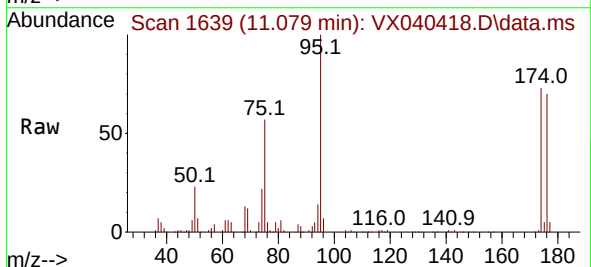
Tgt Ion:107 Resp: 6132
Ion Ratio Lower Upper
107 100
109 90.7 75.2 112.8

Manual Integrations
APPROVED

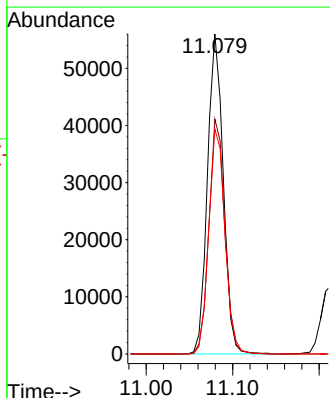
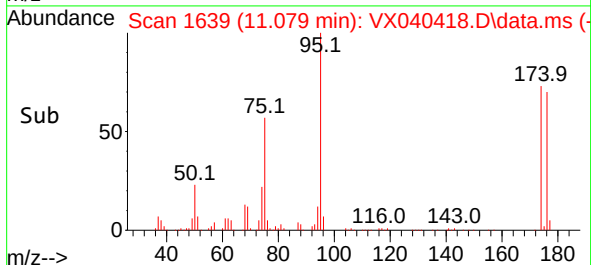
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

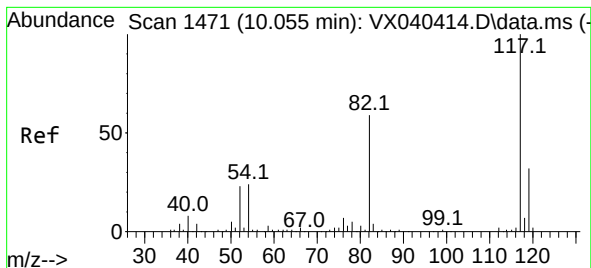


#62
4-Bromofluorobenzene
Concen: 49.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13



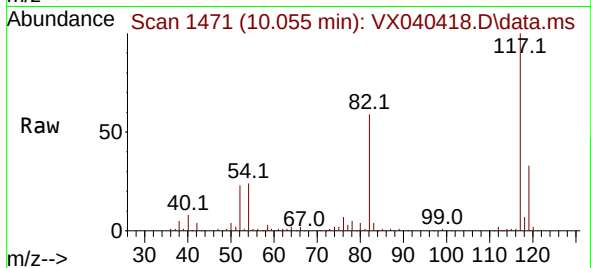
Tgt Ion: 95 Resp: 70825
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 72.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

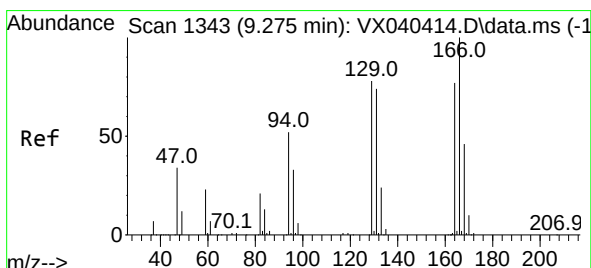
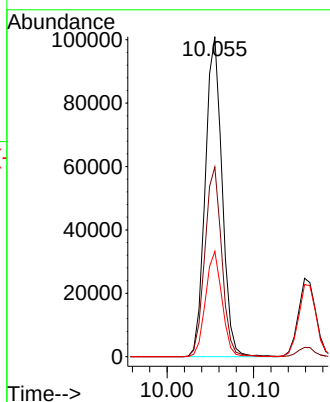
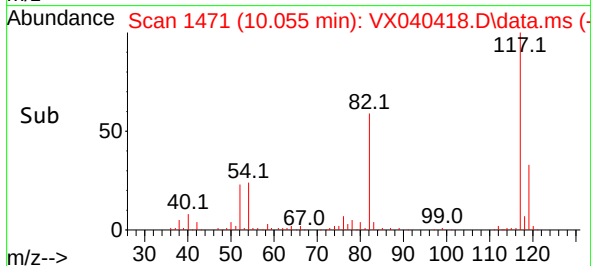
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224



Tgt Ion:117 Resp: 136180
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.9 25.5 38.3

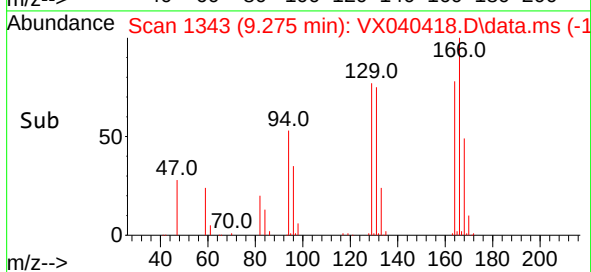
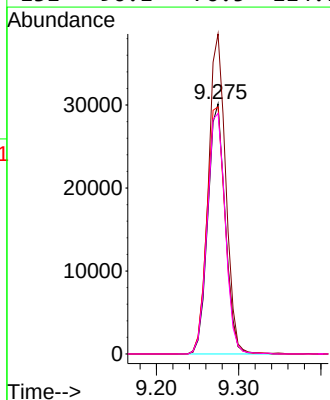
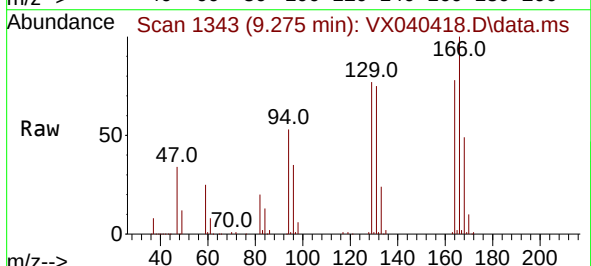
Manual Integrations
APPROVED

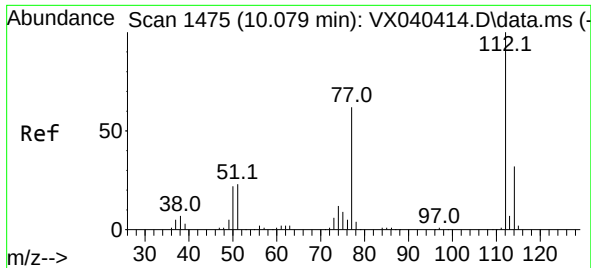
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#64
Tetrachloroethene
Concen: 44.390 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion:164 Resp: 44245
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 98.8 80.4 120.6
131 96.1 76.5 114.7





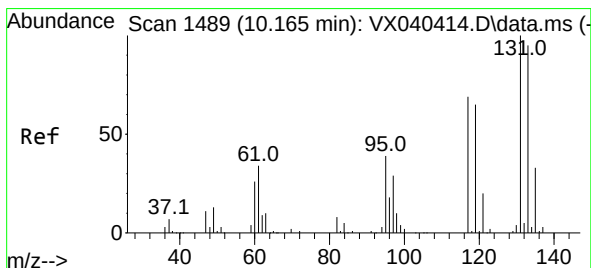
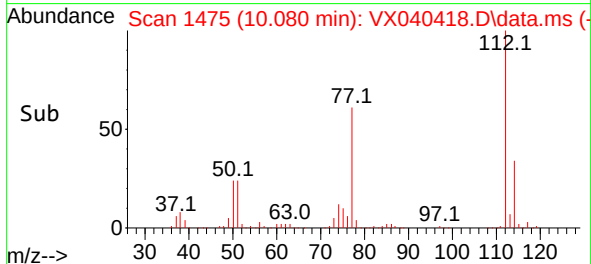
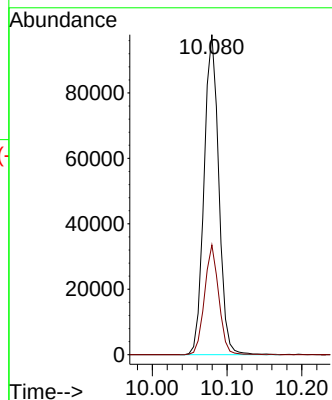
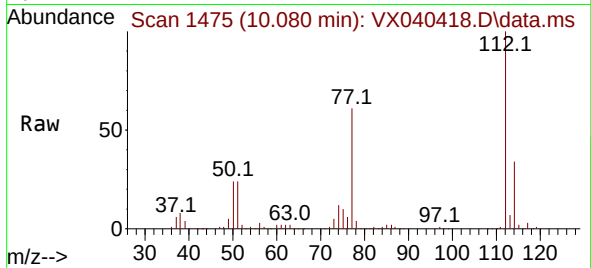
#65
Chlorobenzene
Concen: 48.763 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224

Tgt Ion:112 Resp: 133730
Ion Ratio Lower Upper
112 100
114 34.3 25.7 38.5

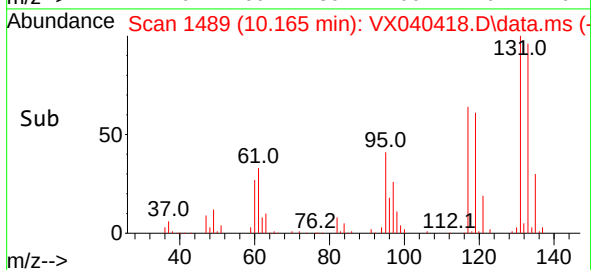
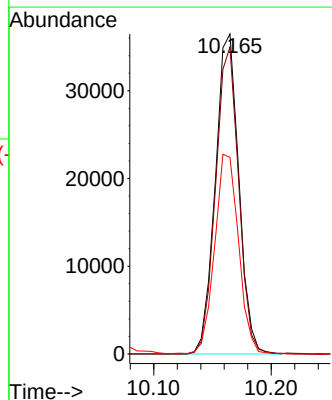
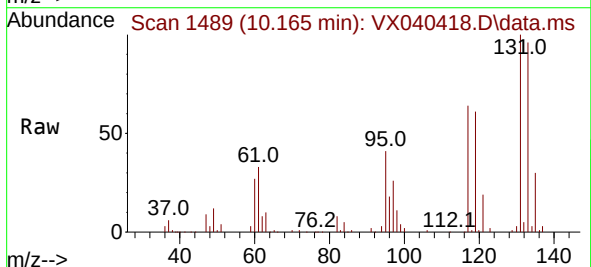
Manual Integrations
APPROVED

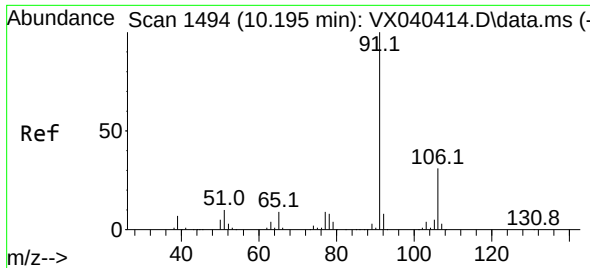
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.882 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

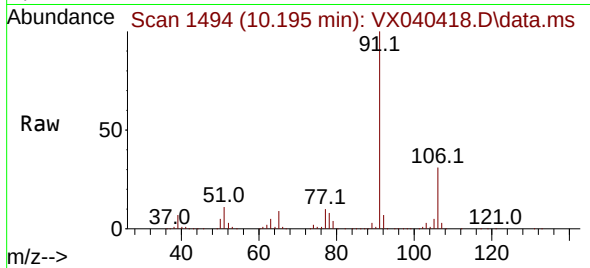
Tgt Ion:131 Resp: 50719
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 63.7 32.2 96.6





#67
Ethyl Benzene
Concen: 48.076 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

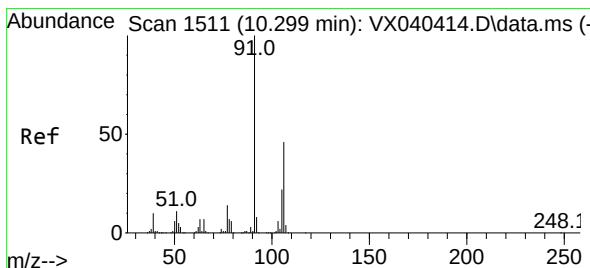
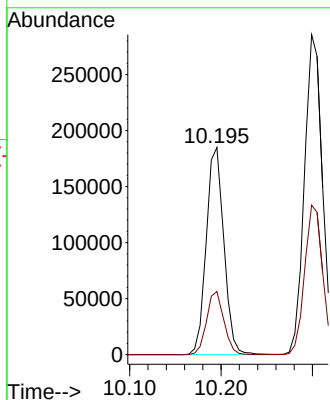
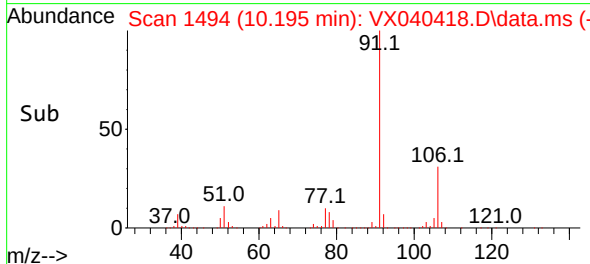
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224



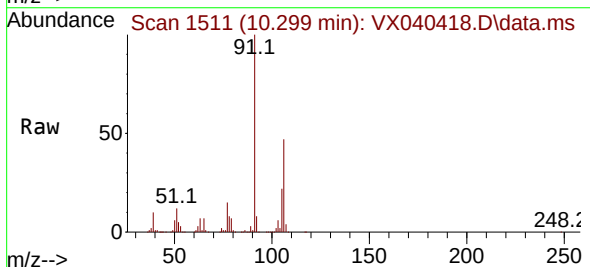
Tgt Ion: 91 Resp: 247342
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

Manual Integrations
APPROVED

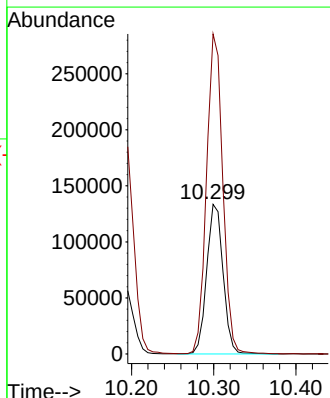
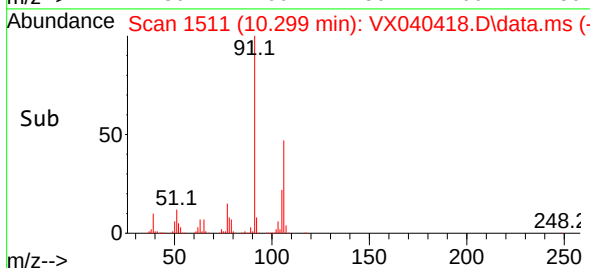
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

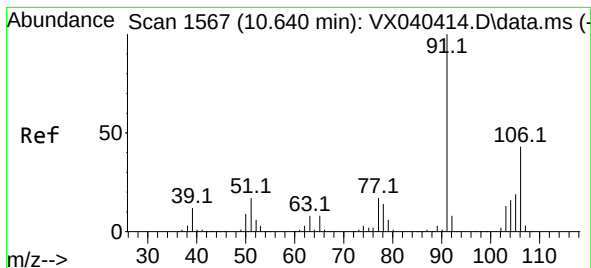


#68
m/p-Xylenes
Concen: 98.032 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13



Tgt Ion:106 Resp: 183908
Ion Ratio Lower Upper
106 100
91 213.1 165.5 248.3





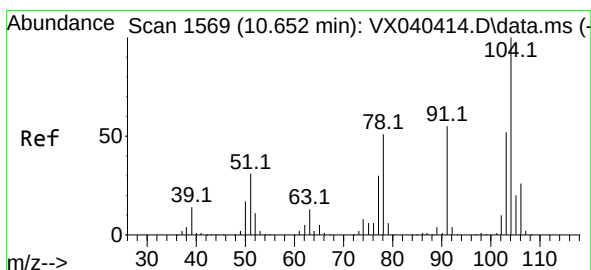
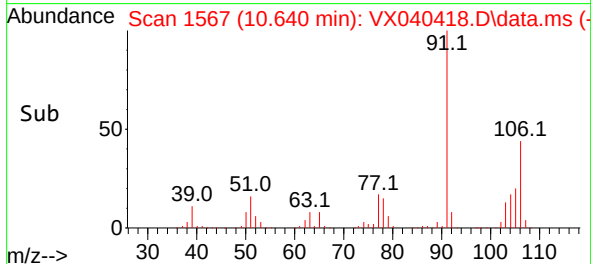
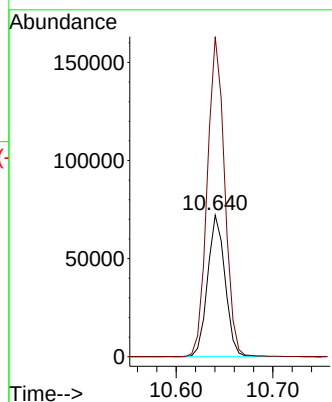
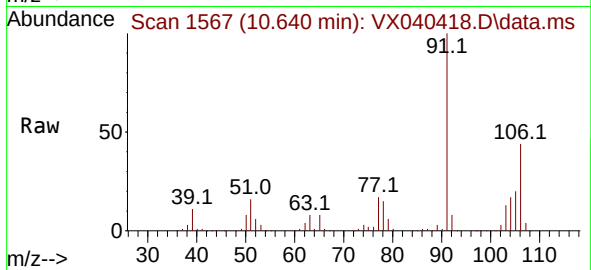
#69
o-Xylene
Concen: 48.826 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVX022224

Tgt Ion:106 Resp: 9054
Ion Ratio Lower Upper
106 100
91 225.3 108.9 326.8

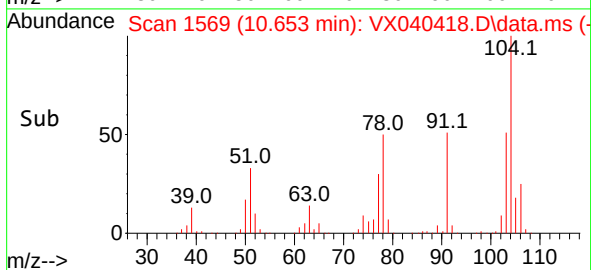
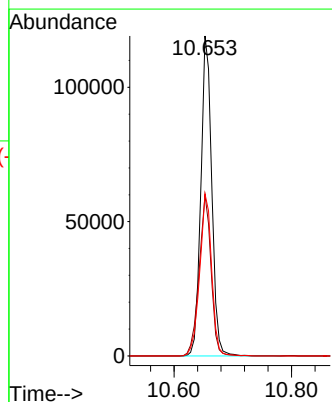
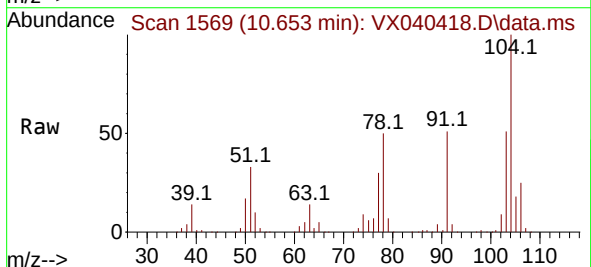
Manual Integrations
APPROVED

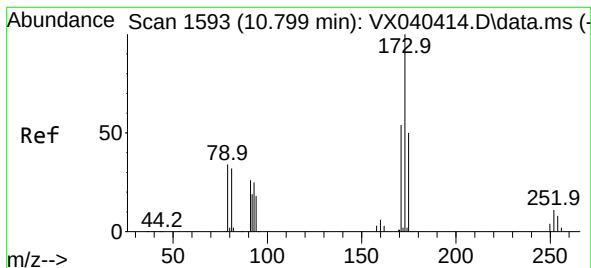
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 50.454 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

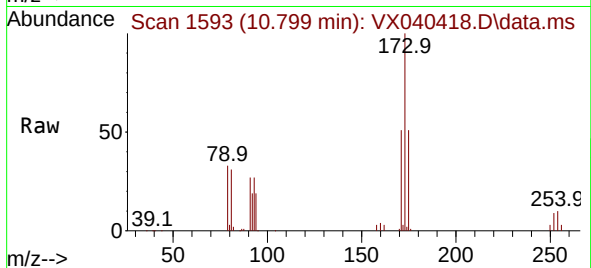
Tgt Ion:104 Resp: 154226
Ion Ratio Lower Upper
104 100
78 55.1 43.6 65.4
103 55.4 43.6 65.4





#71
Bromoform
Concen: 53.040 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

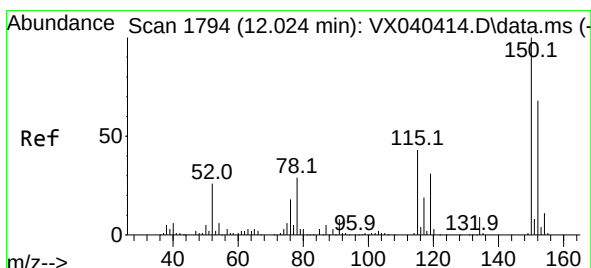
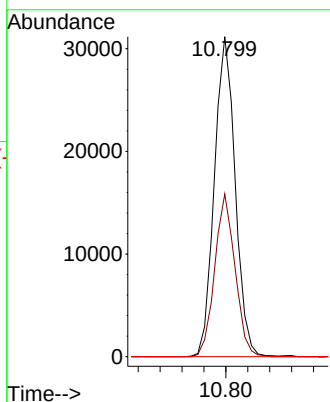
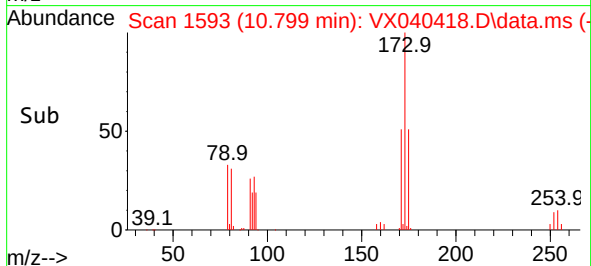
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224



Tgt Ion:173 Resp: 41120
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.4
254 0.0 0.0 0.0

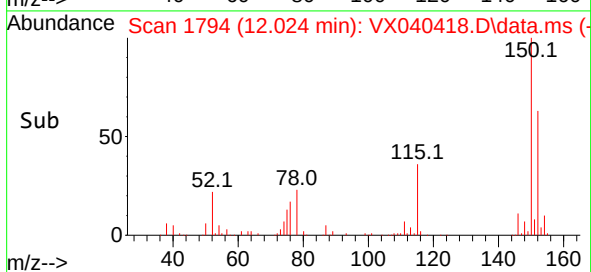
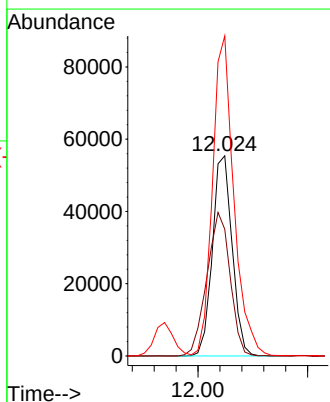
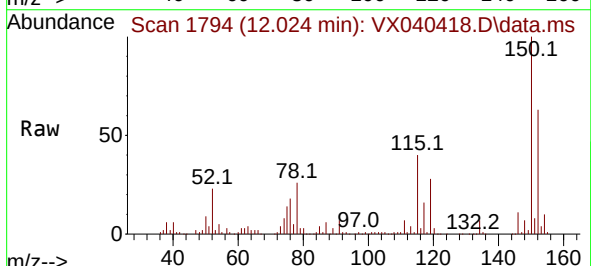
Manual Integrations
APPROVED

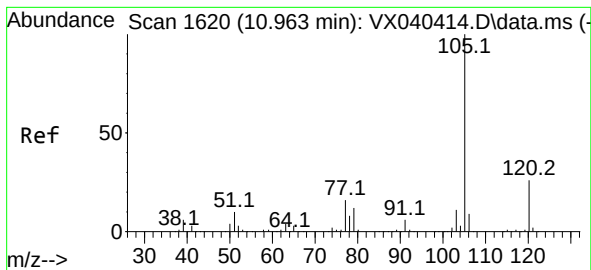
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion:152 Resp: 69318
Ion Ratio Lower Upper
152 100
115 84.3 43.3 129.9
150 172.1 0.0 345.0





#73

Isopropylbenzene

Concen: 48.020 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224

Tgt Ion:105 Resp: 235519

Ion Ratio Lower Upper

105 100

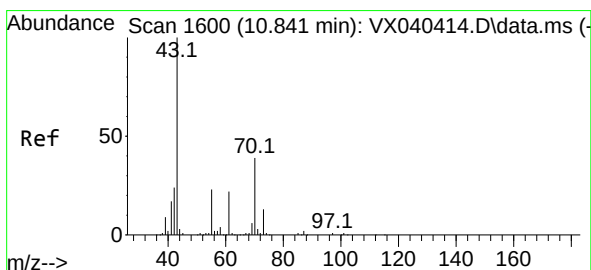
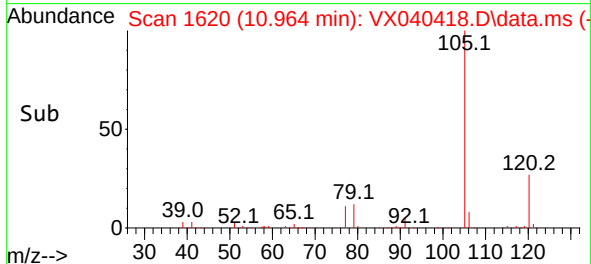
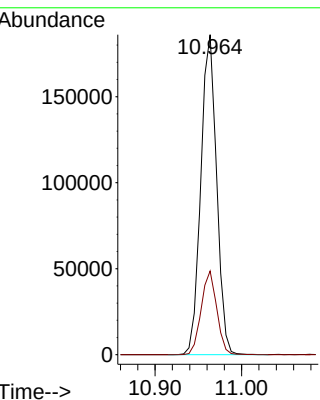
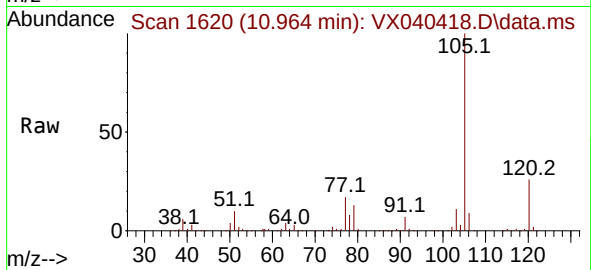
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#74

N-ethyl acetate

Concen: 56.078 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Tgt Ion: 43 Resp: 127613

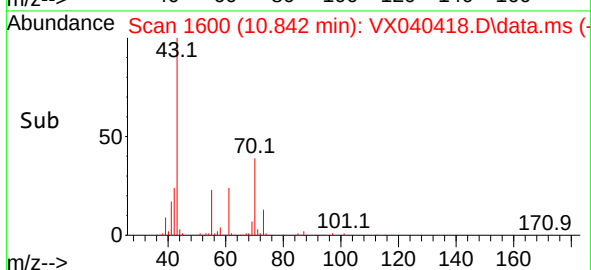
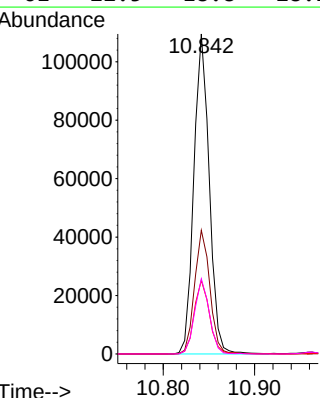
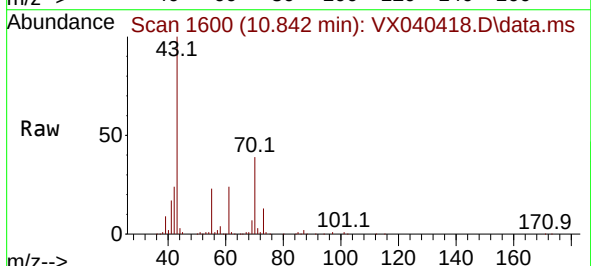
Ion Ratio Lower Upper

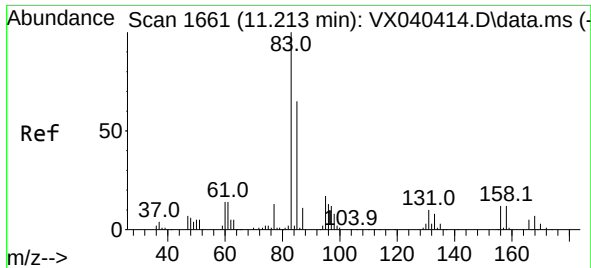
43 100

70 38.5 32.9 49.3

55 22.9 19.3 28.9

61 22.5 18.8 28.2





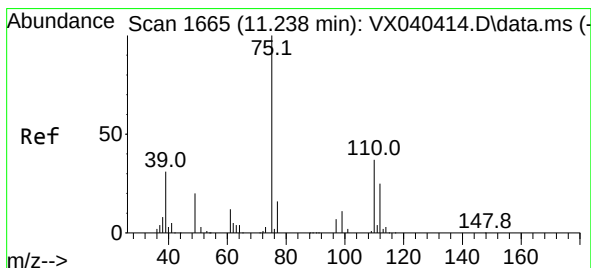
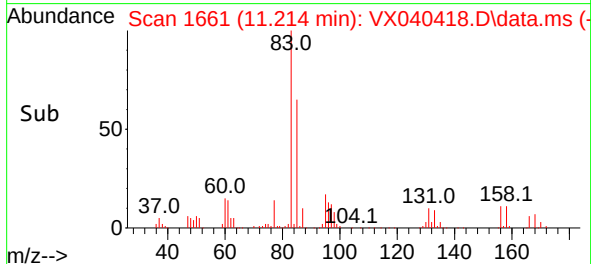
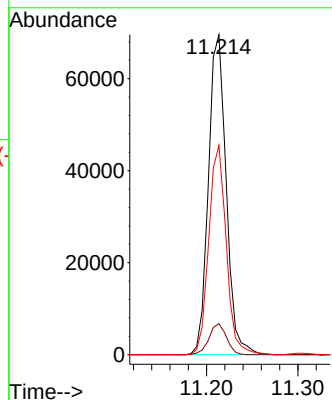
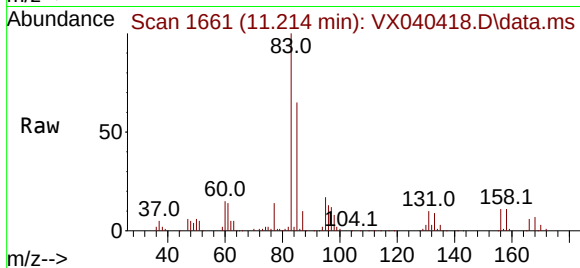
#75
1,1,2,2-Tetrachloroethane
Concen: 53.490 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVX022224

Tgt Ion: 83 Resp: 93785
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 64.3 32.0 96.2

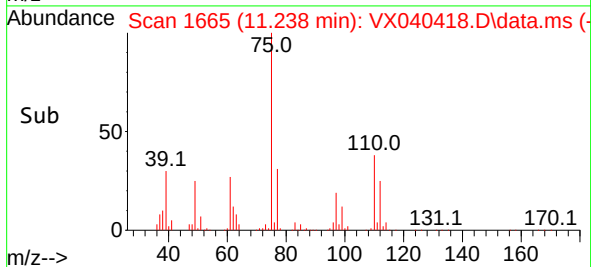
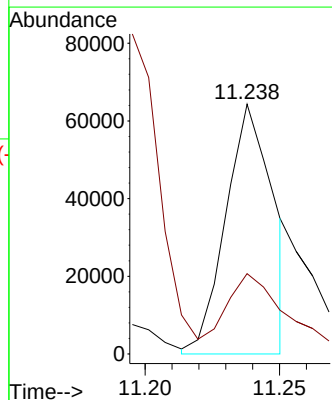
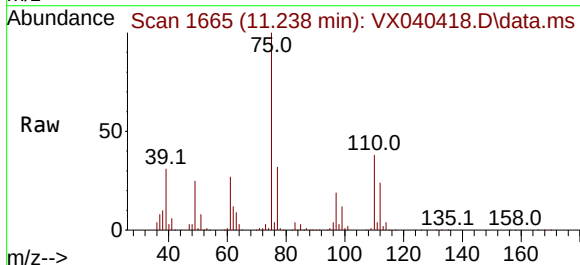
Manual Integrations
APPROVED

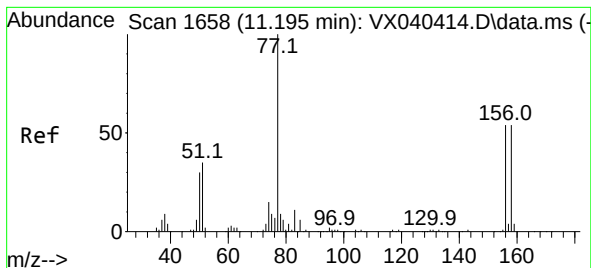
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#76
1,2,3-Trichloropropane
Concen: 50.970 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

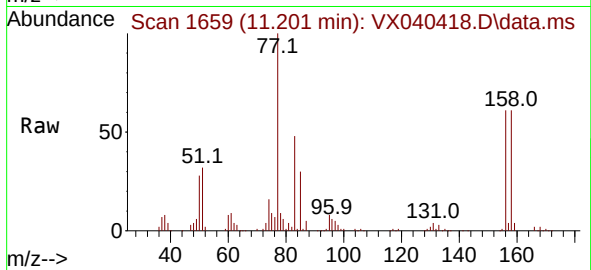
Tgt Ion: 75 Resp: 78563
Ion Ratio Lower Upper
75 100
77 41.9 19.1 57.5





#77
Bromobenzene
Concen: 47.929 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

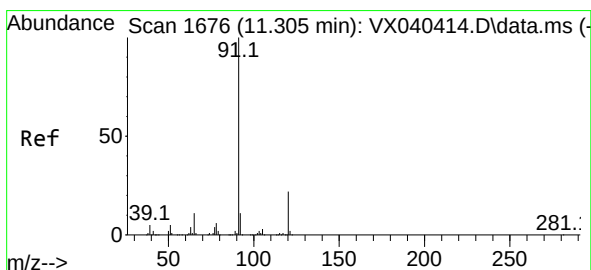
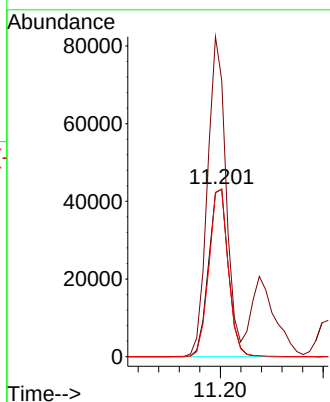
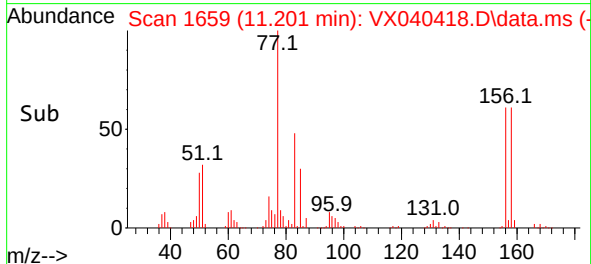
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224



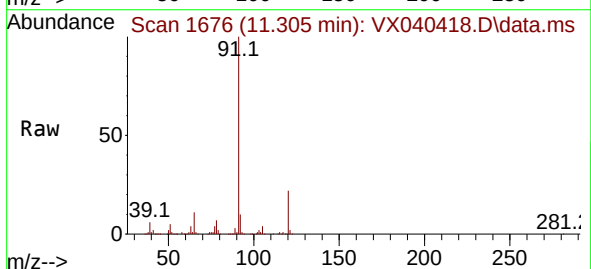
Tgt Ion:156 Resp: 57440
Ion Ratio Lower Upper
156 100
77 179.5 88.4 265.3
158 98.1 48.0 144.0

Manual Integrations
APPROVED

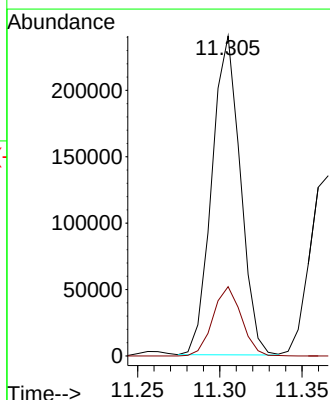
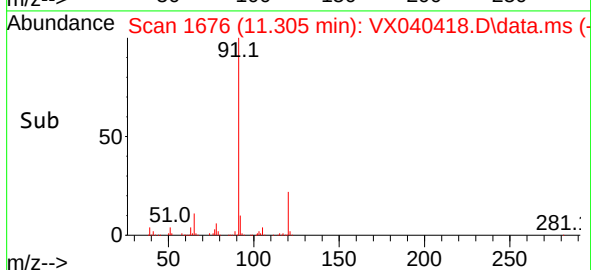
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

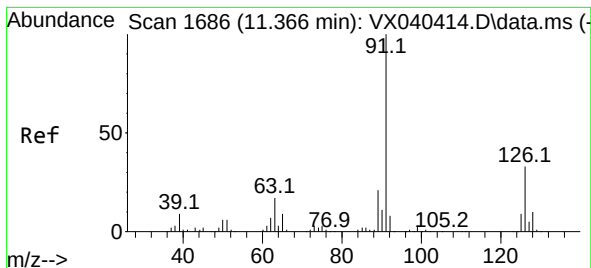


#78
n-propylbenzene
Concen: 47.838 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13



Tgt Ion: 91 Resp: 289822
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





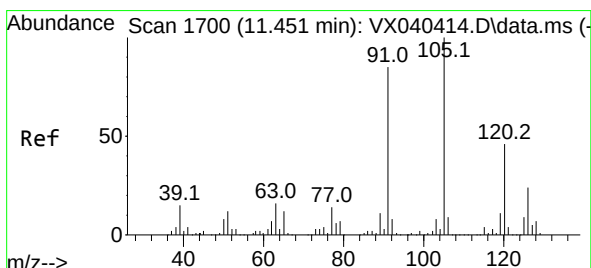
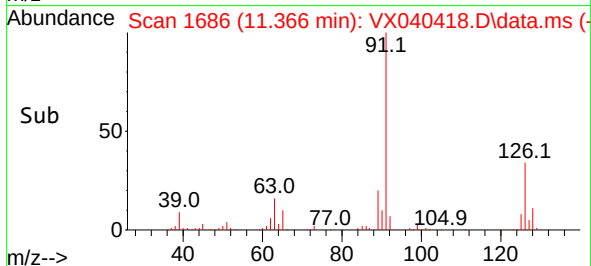
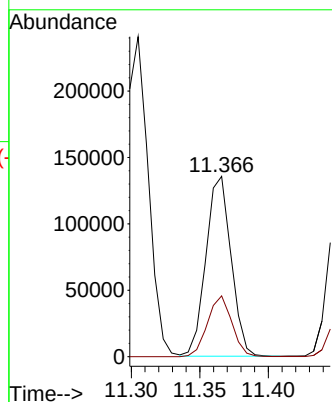
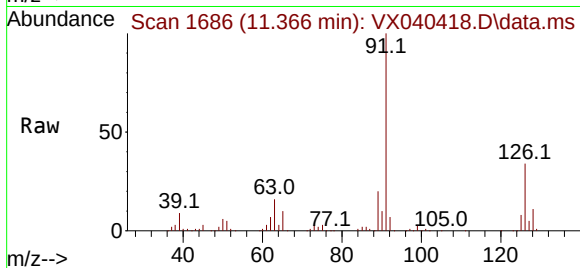
#79
2-Chlorotoluene
Concen: 47.906 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVX022224

Tgt Ion: 91 Resp: 173210
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

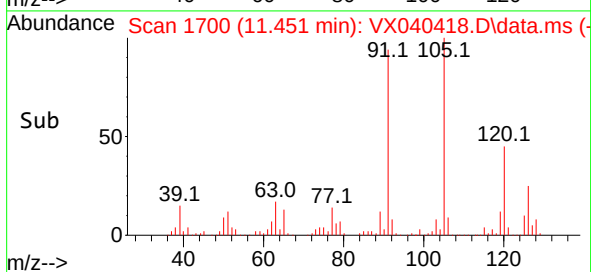
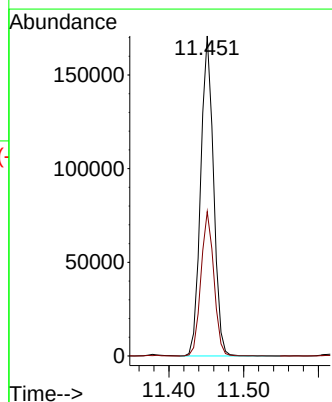
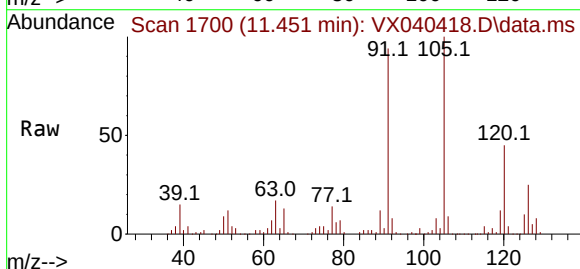
Manual Integrations
APPROVED

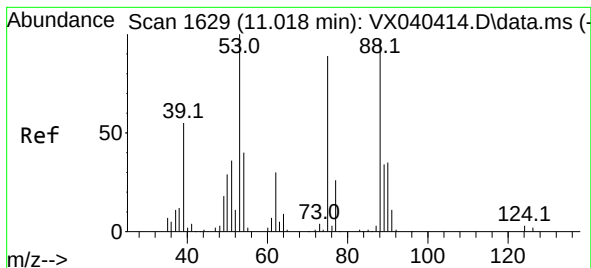
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

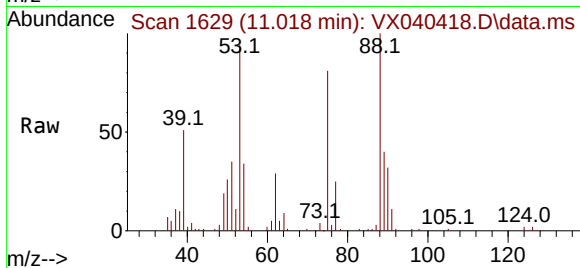
Tgt Ion:105 Resp: 203714
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.653 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

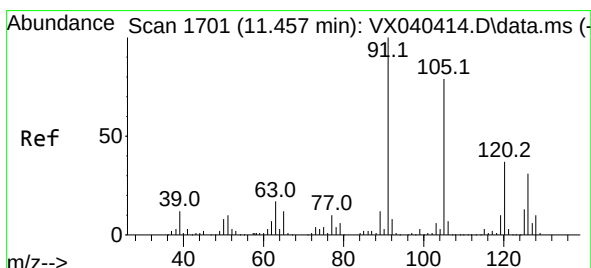
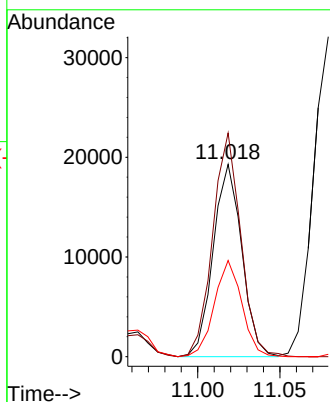
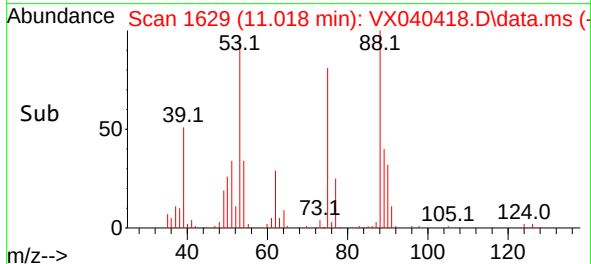
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224



Tgt Ion: 75 Resp: 23324
Ion Ratio Lower Upper
75 100
53 114.0 90.5 135.7
89 48.1 36.9 55.3

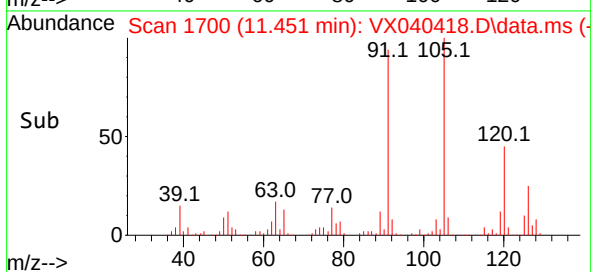
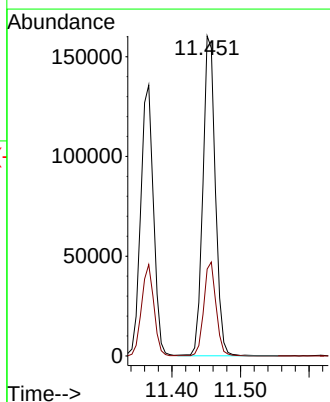
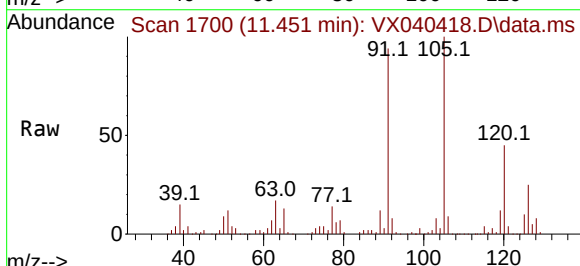
Manual Integrations
APPROVED

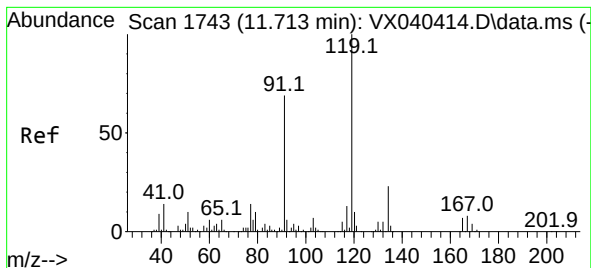
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#82
4-Chlorotoluene
Concen: 47.933 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

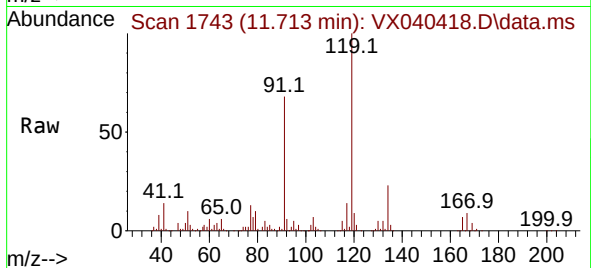
Tgt Ion: 91 Resp: 203118
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.012 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

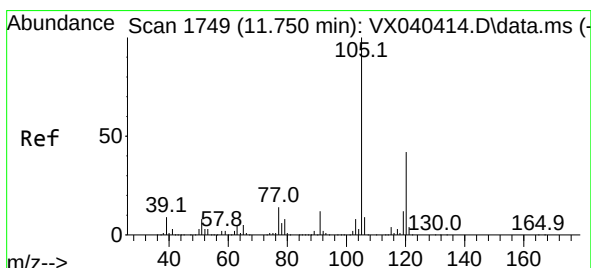
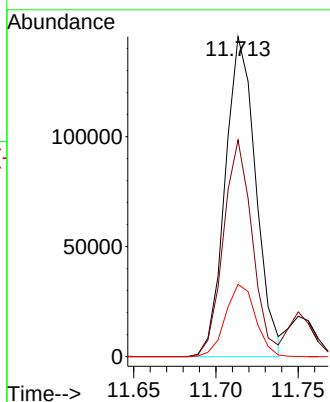
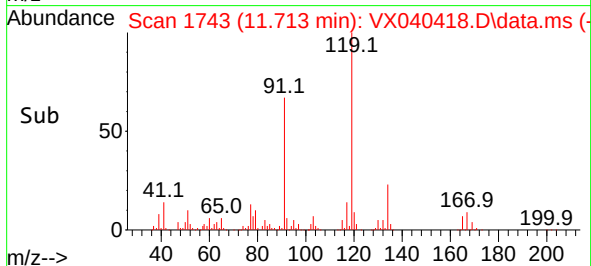
Instrument :
MSVOA_X
ClientSampleId :
ICVX022224



Tgt Ion:119 Resp: 18856
Ion Ratio Lower Upper
119 100
91 64.2 31.2 93.6
134 22.3 11.7 35.0

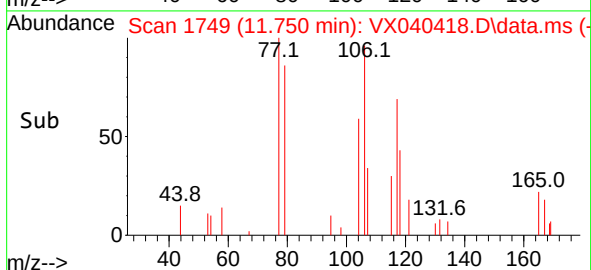
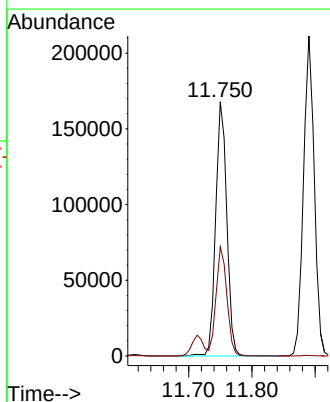
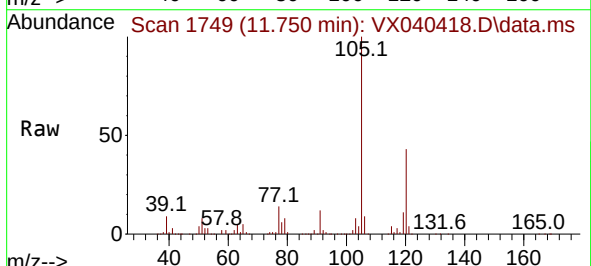
Manual Integrations
APPROVED

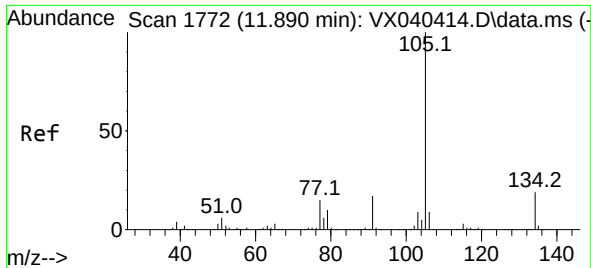
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#84
1,2,4-Trimethylbenzene
Concen: 48.590 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

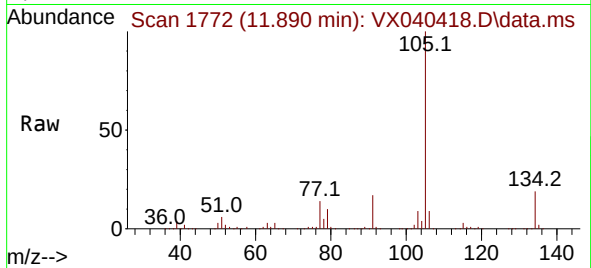
Tgt Ion:105 Resp: 204283
Ion Ratio Lower Upper
105 100
120 41.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.548 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13

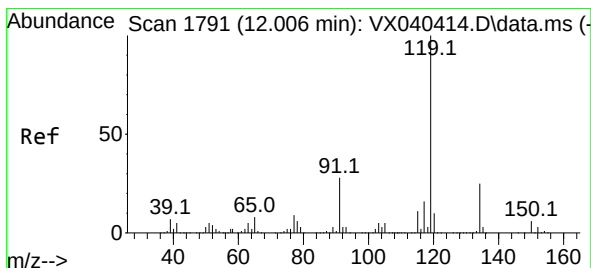
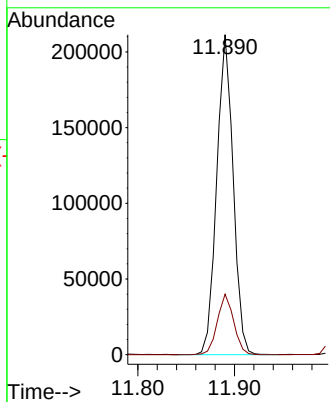
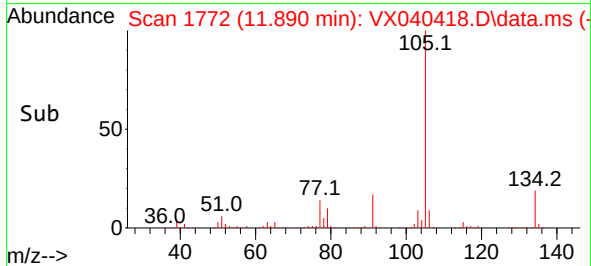
Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX022224



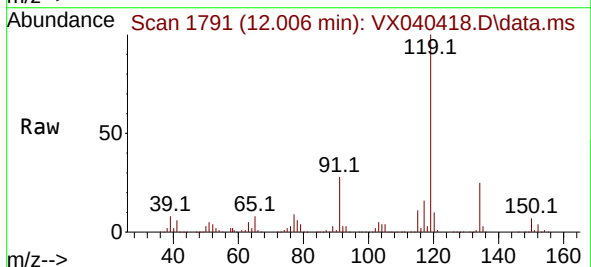
Tgt Ion:105 Resp: 248604
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

Manual Integrations
 APPROVED

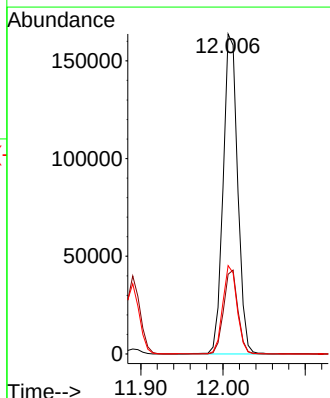
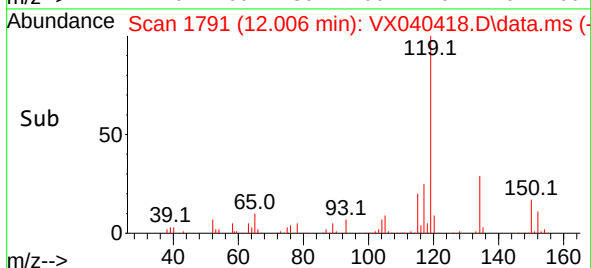
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

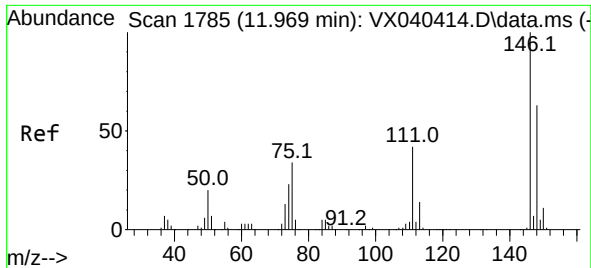


#86
 p-Isopropyltoluene
 Concen: 48.131 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040418.D
 Acq: 23 Feb 2024 00:13



Tgt Ion:119 Resp: 201069
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.599 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224

Tgt Ion:146 Resp: 10910

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

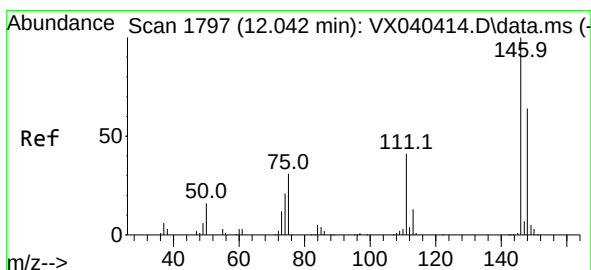
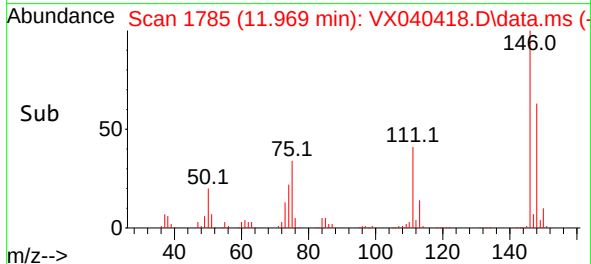
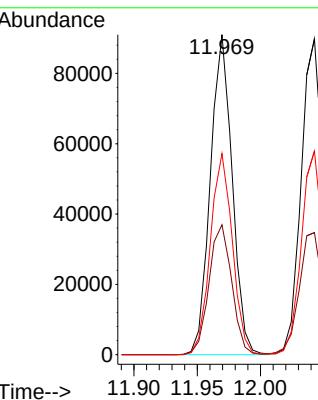
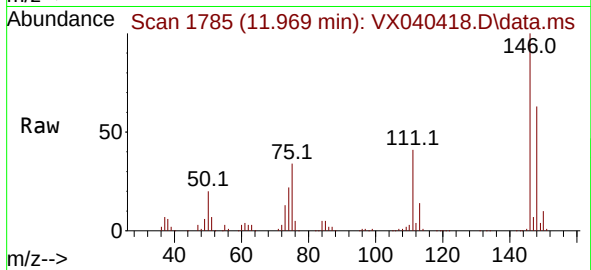
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#88

1,4-Dichlorobenzene

Concen: 46.604 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

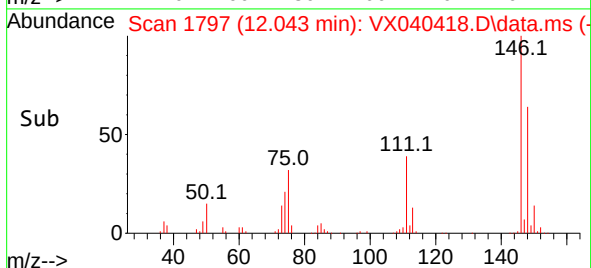
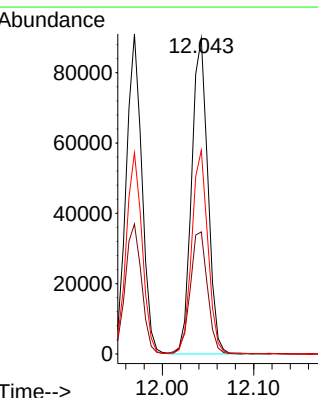
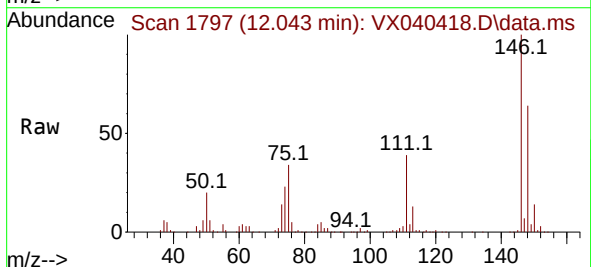
Tgt Ion:146 Resp: 110745

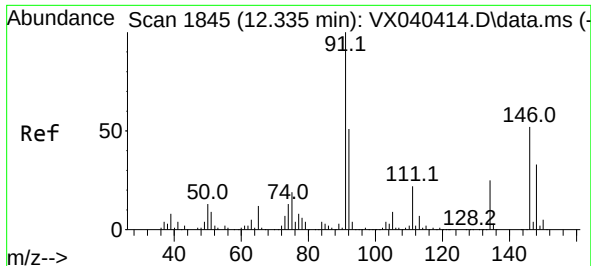
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 46.651 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224

Tgt Ion: 91 Resp: 191749

Ion Ratio Lower Upper

91 100

92 53.2 27.4 82.0

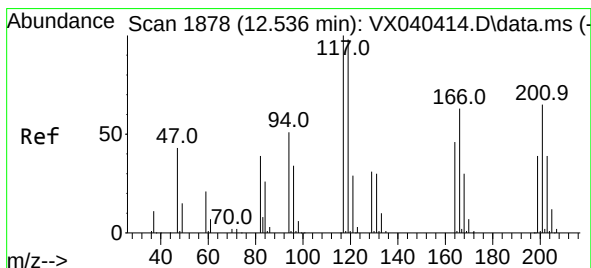
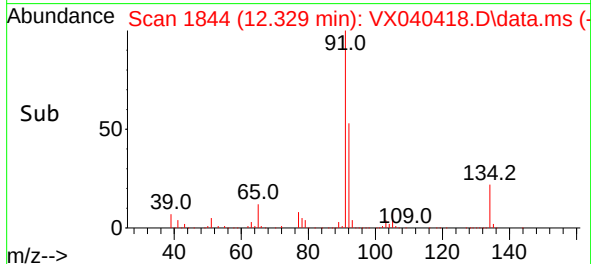
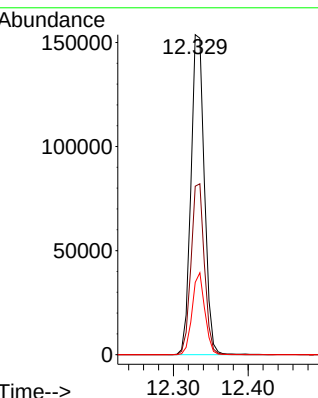
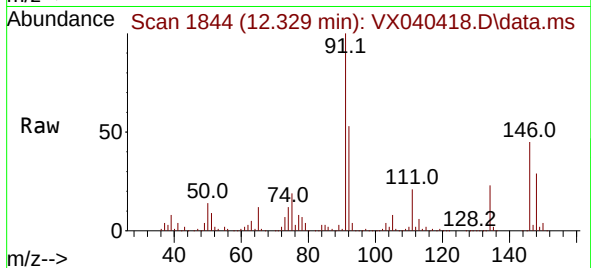
134 24.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#90

Hexachloroethane

Concen: 50.682 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040418.D

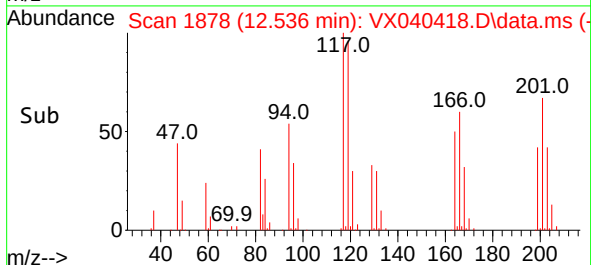
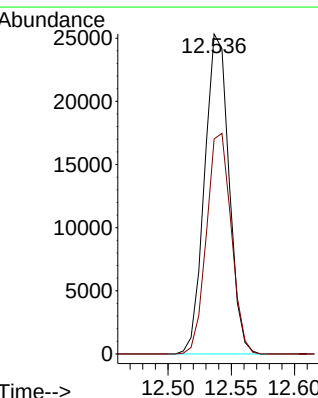
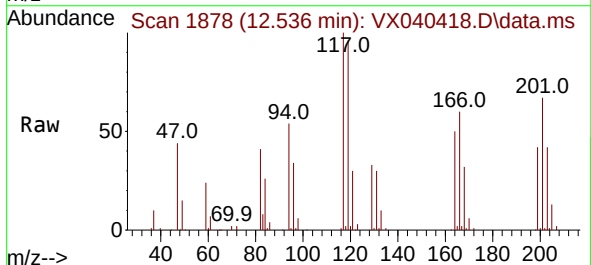
Acq: 23 Feb 2024 00:13

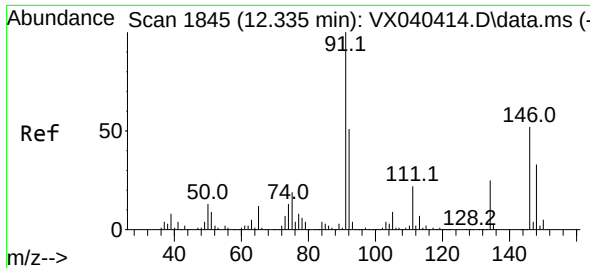
Tgt Ion:117 Resp: 33908

Ion Ratio Lower Upper

117 100

201 69.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.197 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022224

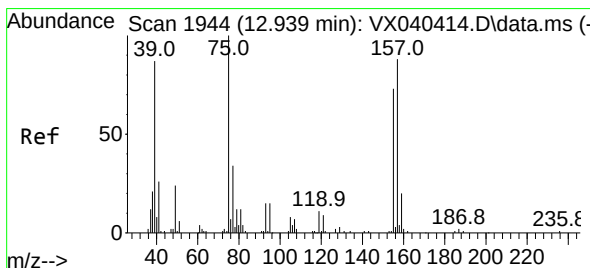
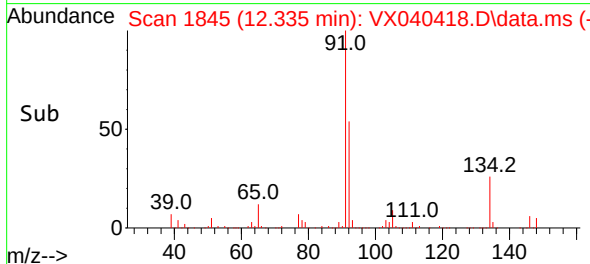
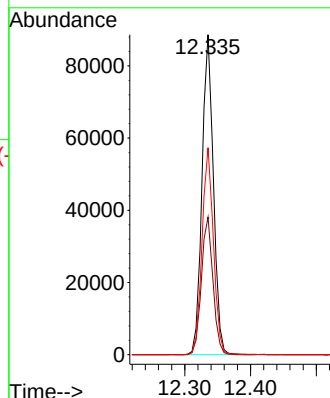
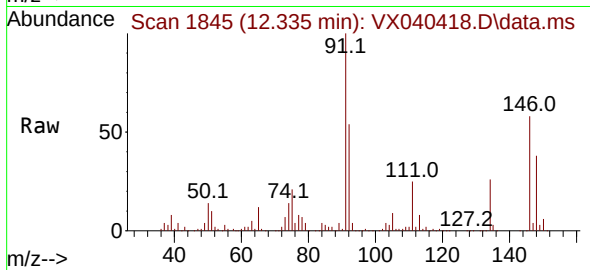
Tgt Ion:146 Resp: 106830
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 64.8 31.6 95.0

Manual Integrations

APPROVED

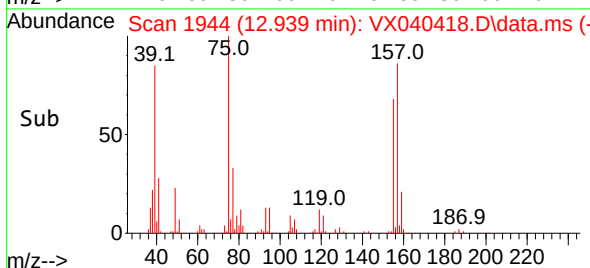
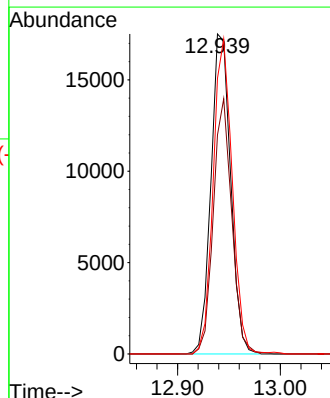
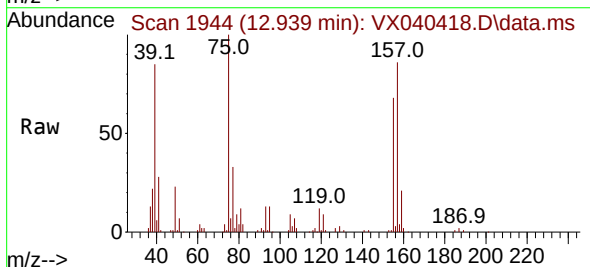
Reviewed By :John Carlone 02/23/2024

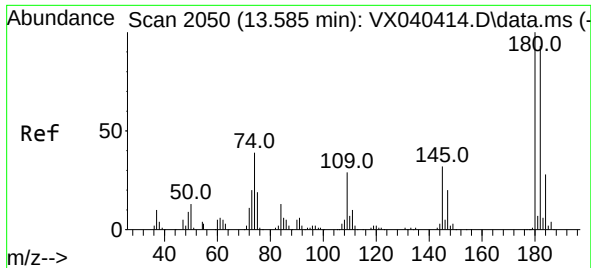
Supervised By :Mahesh Dadoda 02/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.365 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion: 75 Resp: 23336
Ion Ratio Lower Upper
75 100
155 74.6 36.1 108.5
157 95.4 44.9 134.7





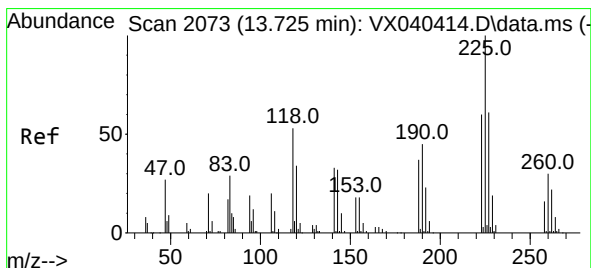
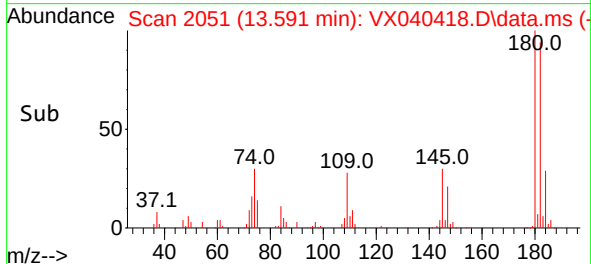
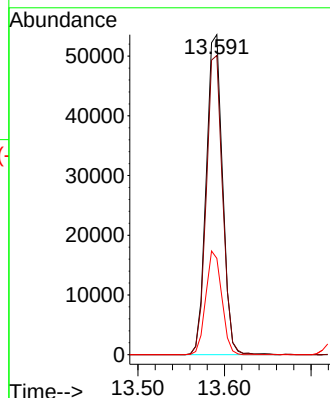
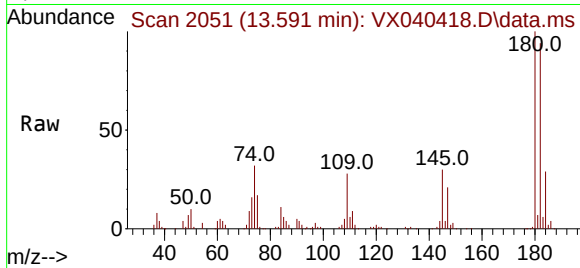
#93
1,2,4-Trichlorobenzene
Concen: 49.112 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022224

Tgt Ion:180 Resp: 7008
Ion Ratio Lower Upper
180 100
182 93.5 48.3 144.8
145 31.7 18.0 54.0

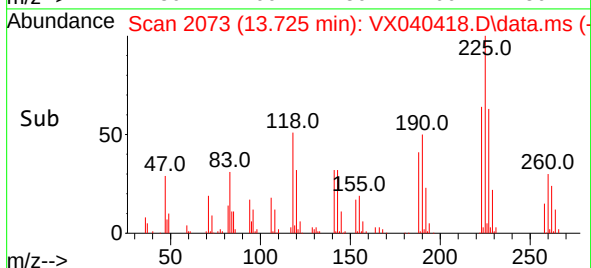
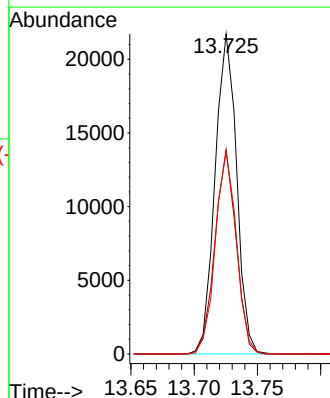
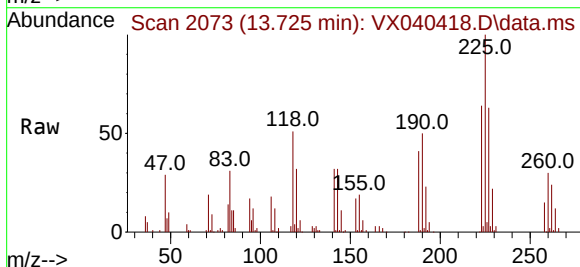
Manual Integrations
APPROVED

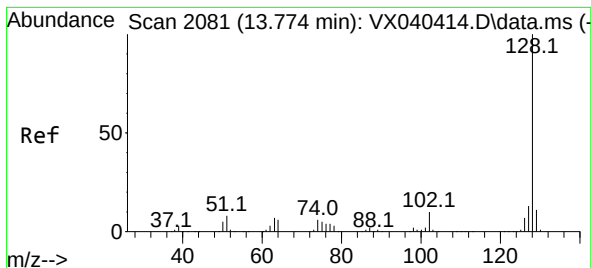
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#94
Hexachlorobutadiene
Concen: 49.632 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040418.D
Acq: 23 Feb 2024 00:13

Tgt Ion:225 Resp: 25651
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.2
227 62.1 32.5 97.5





#95

Naphthalene

Concen: 53.113 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX022224

Tgt Ion:128 Resp: 243219

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

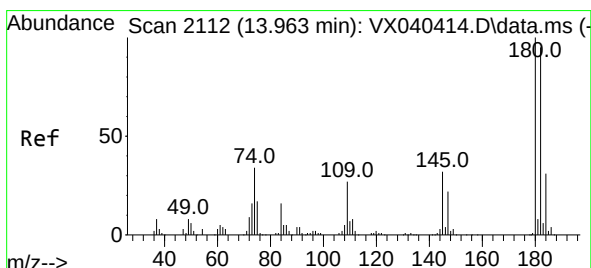
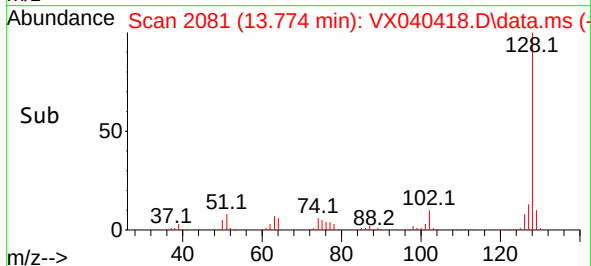
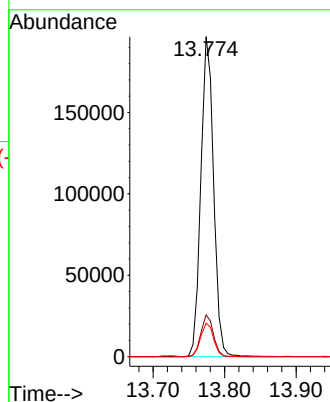
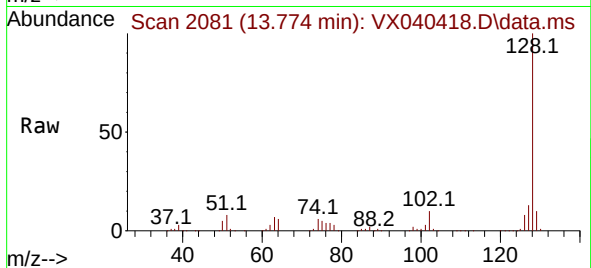
129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.935 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040418.D

Acq: 23 Feb 2024 00:13

Tgt Ion:180 Resp: 68606

Ion Ratio Lower Upper

180 100

182 95.5 46.9 140.6

145 33.6 17.8 53.5

