

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040413.D
 Acq On : 22 Feb 2024 22:19
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 23 06:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	25751	19.247	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.500%#		
35) Dibromofluoromethane	5.379	113	18702	19.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.500%#		
50) Toluene-d8	8.647	98	67575	19.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.520%#		
62) 4-Bromofluorobenzene	11.079	95	26340	18.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19136	19.325	ug/l	94
3) Chloromethane	1.294	50	22080	19.725	ug/l	100
4) Vinyl Chloride	1.374	62	22162	19.849	ug/l	98
5) Bromomethane	1.599	94	13024	19.828	ug/l	92
6) Chloroethane	1.679	64	13394	19.905	ug/l	97
7) Trichlorofluoromethane	1.880	101	35088	19.697	ug/l	100
8) Diethyl Ether	2.136	74	12874	20.231	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	17751	18.859	ug/l	98
10) Methyl Iodide	2.453	142	22776	20.796	ug/l	95
11) Tert butyl alcohol	2.959	59	25681	99.302	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	18143	19.985	ug/l	87
13) Acrolein	2.233	56	30149	97.438	ug/l	96
14) Allyl chloride	2.660	41	33552	20.011	ug/l	97
15) Acrylonitrile	3.062	53	63120	104.103	ug/l	98
16) Acetone	2.380	43	57063	102.362	ug/l	95
17) Carbon Disulfide	2.508	76	47400	18.991	ug/l	96
18) Methyl Acetate	2.703	43	28776	19.928	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	67470	20.844	ug/l	99
20) Methylene Chloride	2.788	84	22528	19.300	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19833	19.361	ug/l	94
22) Diisopropyl ether	3.764	45	69263	20.899	ug/l	88
23) Vinyl Acetate	3.721	43	31552	104.327	ug/l	98
24) 1,1-Dichloroethane	3.611	63	38899	20.297	ug/l	99
25) 2-Butanone	4.556	43	91903	105.745	ug/l	100
26) 2,2-Dichloropropane	4.471	77	23968	19.160	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	23340	20.446	ug/l	98
28) Bromochloromethane	4.904	49	16691	18.672	ug/l	98
29) Tetrahydrofuran	5.001	42	60861	105.196	ug/l	99
30) Chloroform	5.099	83	41058	19.877	ug/l	97
31) Cyclohexane	5.471	56	31398	19.575	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	33545	19.617	ug/l	97
36) 1,1-Dichloropropene	5.696	75	29151	19.389	ug/l	98
37) Ethyl Acetate	4.715	43	35060	20.411	ug/l	98
38) Carbon Tetrachloride	5.672	117	27152	19.520	ug/l	95
39) Methylcyclohexane	7.379	83	32050	20.115	ug/l	94
40) Benzene	6.038	78	81786	19.996	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18413m	20.187	ug/l	
42) 1,2-Dichloroethane	6.086	62	34454	20.269	ug/l	99
43) Isopropyl Acetate	6.342	43	54276	20.593	ug/l	98
44) Trichloroethene	7.129	130	21078	19.704	ug/l	97
45) 1,2-Dichloropropane	7.428	63	22025	20.178	ug/l	98
46) Dibromomethane	7.580	93	16548	20.207	ug/l	99
47) Bromodichloromethane	7.824	83	30464	19.988	ug/l	99
48) Methyl methacrylate	7.690	41	27713	21.232	ug/l	95
49) 1,4-Dioxane	7.659	88	11455	435.392	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	187924	104.979	ug/l	99
52) Toluene	8.720	92	51073	20.376	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	30108	19.594	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32819	20.050	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21998	20.497	ug/l	93
56) Ethyl methacrylate	9.116	69	33828	20.629	ug/l	96
57) 1,3-Dichloropropane	9.305	76	37956	20.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	81945	99.658	ug/l	95
59) 2-Hexanone	9.427	43	148204	107.348	ug/l	98
60) Dibromochloromethane	9.519	129	21615	20.085	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23187	20.101	ug/l	99
64) Tetrachloroethene	9.275	164	19679	19.891	ug/l	97
65) Chlorobenzene	10.079	112	54032	19.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	18844	19.795	ug/l	95
67) Ethyl Benzene	10.195	91	103619	20.292	ug/l	97
68) m/p-Xylenes	10.299	106	76104	40.871	ug/l	95
69) o-Xylene	10.640	106	37037	20.123	ug/l	95
70) Styrene	10.653	104	61436	20.249	ug/l	98
71) Bromoform	10.799	173	14731	19.141	ug/l #	97
73) Isopropylbenzene	10.963	105	97892	20.501	ug/l	99
74) N-amyl acetate	10.842	43	45887	20.713	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35849	21.002	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31383m	20.914	ug/l	
77) Bromobenzene	11.195	156	23207	19.891	ug/l	97
78) n-propylbenzene	11.305	91	121132	20.538	ug/l	96
79) 2-Chlorotoluene	11.366	91	71876	20.419	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	83723	20.639	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7875	18.261	ug/l	96
82) 4-Chlorotoluene	11.451	91	83335	20.200	ug/l	100
83) tert-Butylbenzene	11.713	119	78377	20.498	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	84246	20.583	ug/l	98
85) sec-Butylbenzene	11.890	105	102762	20.188	ug/l	98
86) p-Isopropyltoluene	12.006	119	83128	20.440	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44999	20.166	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	45892	19.837	ug/l	98
89) n-Butylbenzene	12.335	91	79792	19.940	ug/l	95
90) Hexachloroethane	12.536	117	12396	19.032	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	44230	20.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8380	21.529	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	27778	19.995	ug/l	97
94) Hexachlorobutadiene	13.725	225	10575	21.018	ug/l	98
95) Naphthalene	13.774	128	92366	20.719	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27476	20.542	ug/l	99

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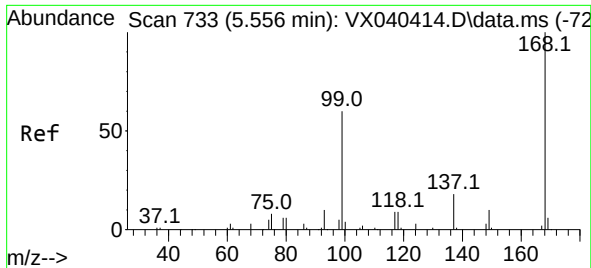
Manual Integrations
APPROVED

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QLast Update : Fri Feb 23 06:27:42 2024
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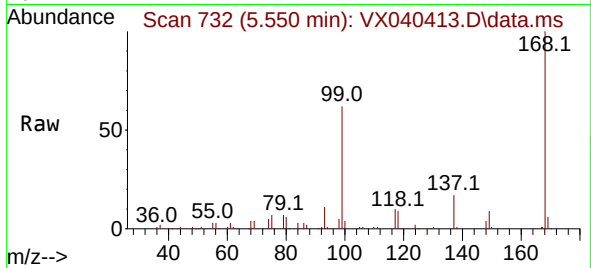
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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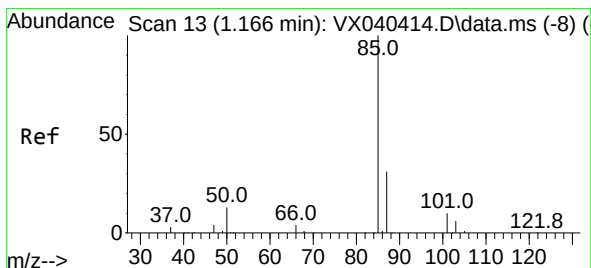
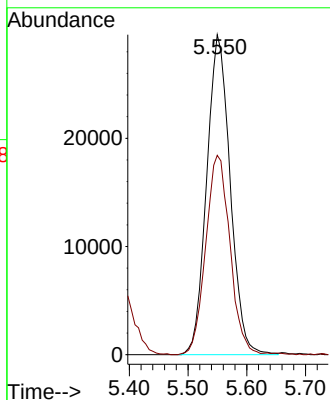
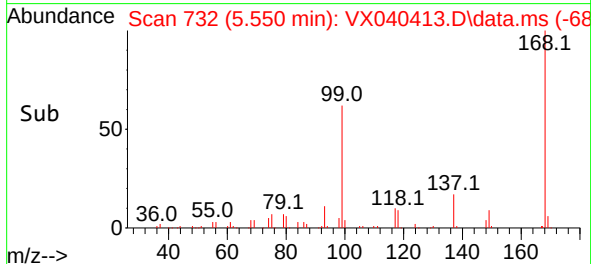
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 8215
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0

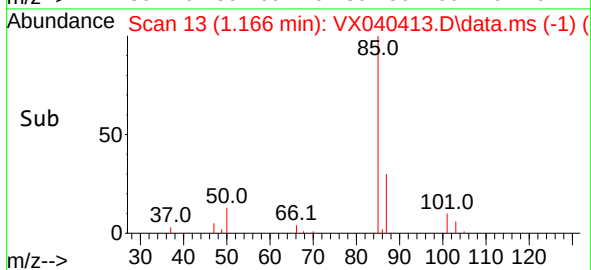
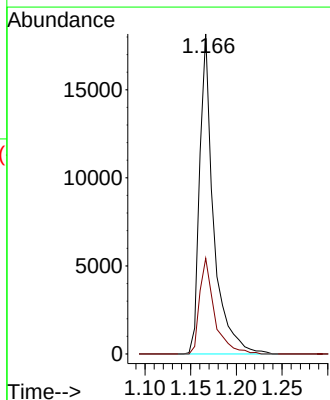
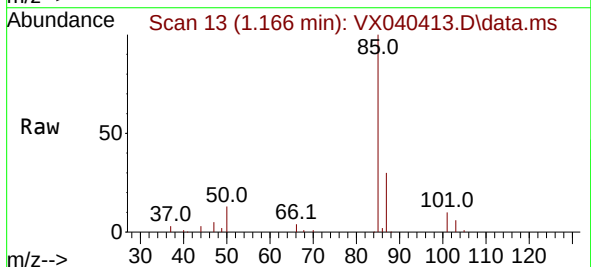
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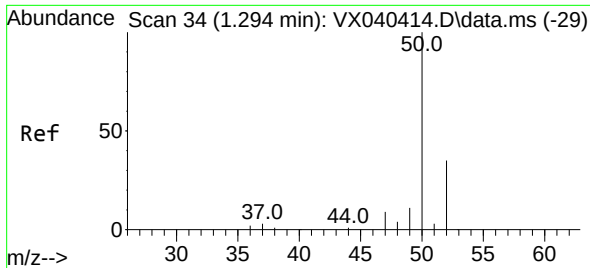
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#2
Dichlorodifluoromethane
Concen: 19.325 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

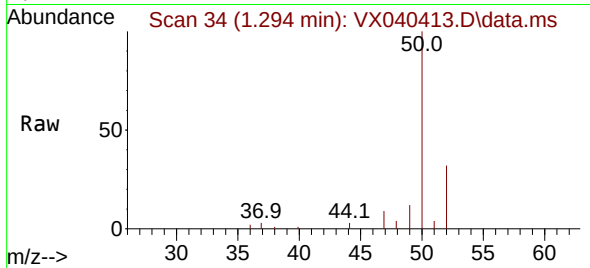
Tgt Ion: 85 Resp: 19136
Ion Ratio Lower Upper
85 100
87 29.9 16.7 50.1





#3
Chloromethane
Concen: 19.725 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

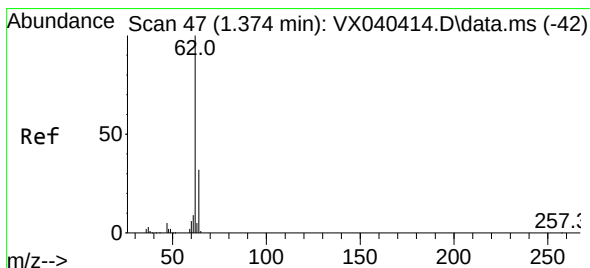
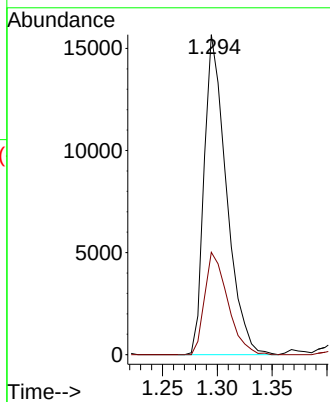
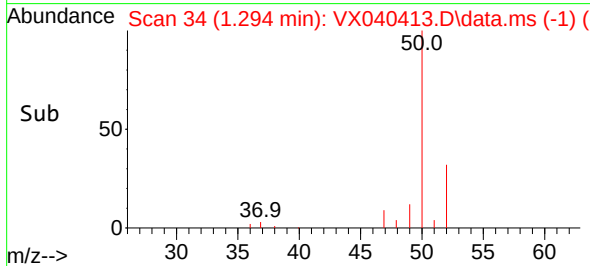
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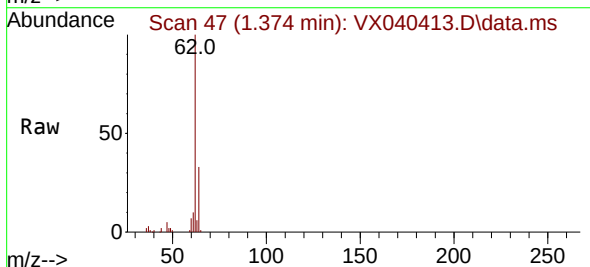
Tgt Ion: 50 Resp: 22080
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

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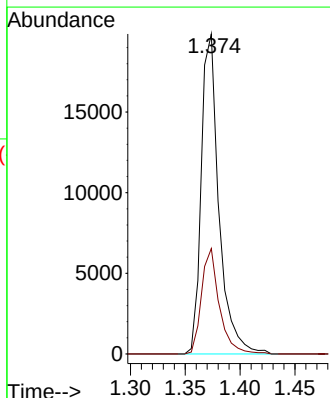
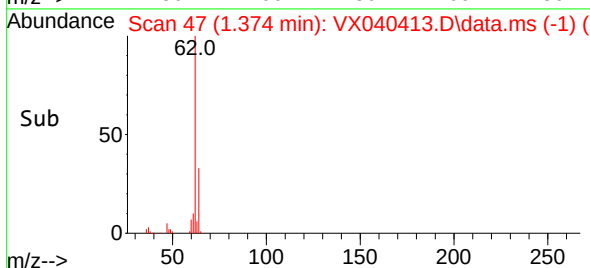
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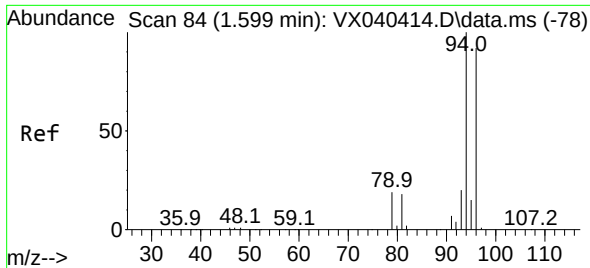


#4
Vinyl Chloride
Concen: 19.849 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19



Tgt Ion: 62 Resp: 22162
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





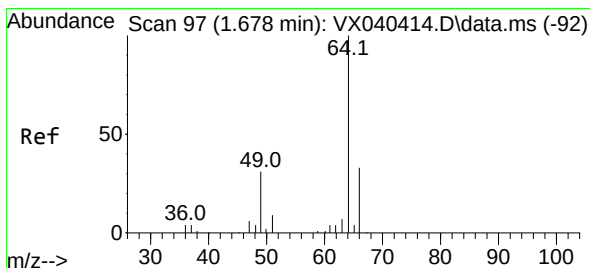
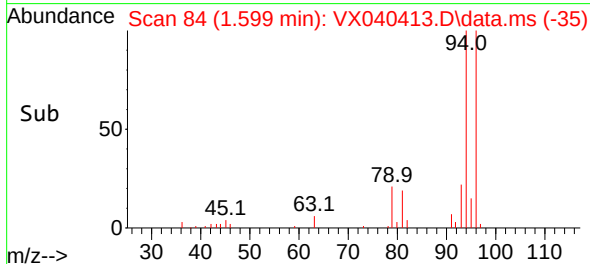
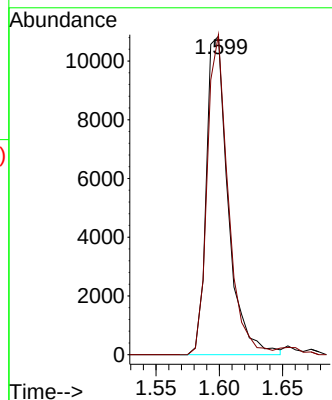
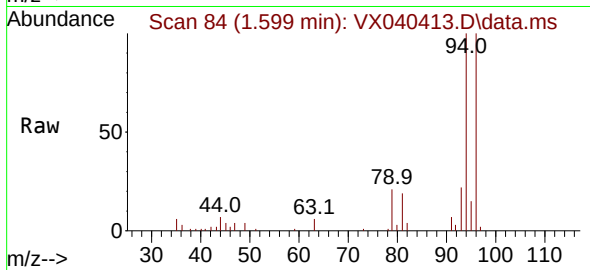
#5
Bromomethane
Concen: 19.828 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040413.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 13024
Ion Ratio Lower Upper
94 100
96 100.5 74.6 111.8

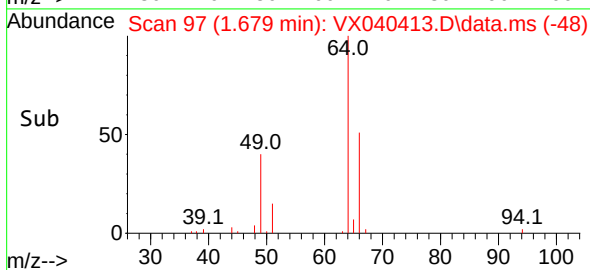
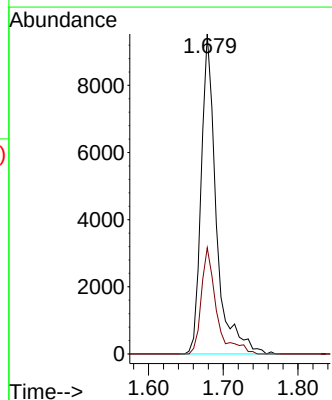
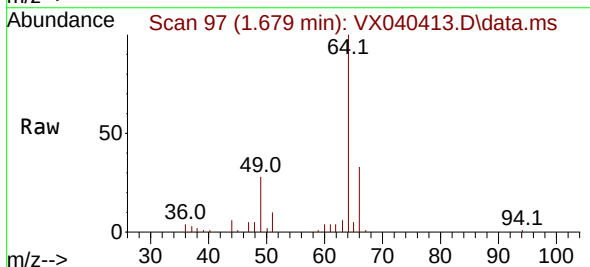
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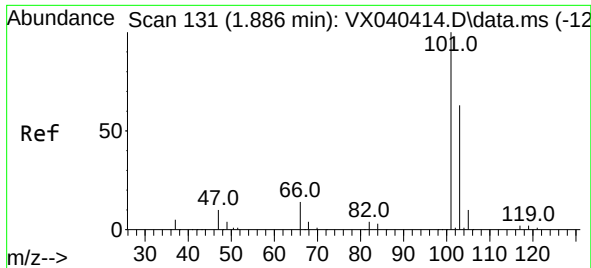
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#6
Chloroethane
Concen: 19.905 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

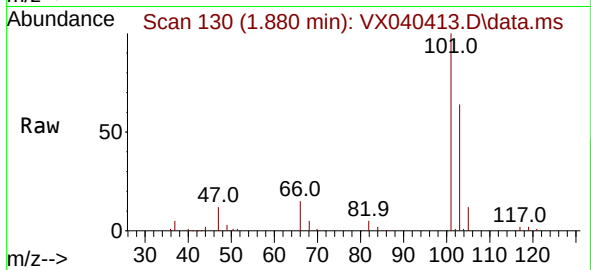
Tgt Ion: 64 Resp: 13394
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.697 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040413.D
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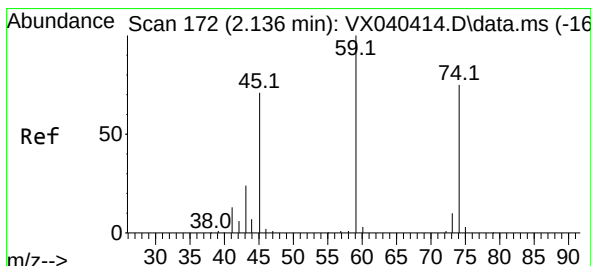
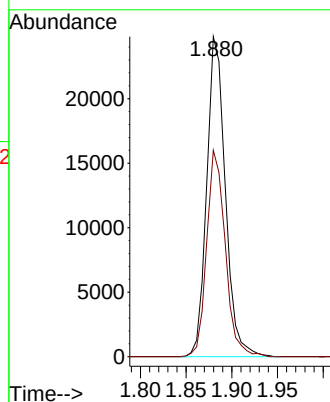
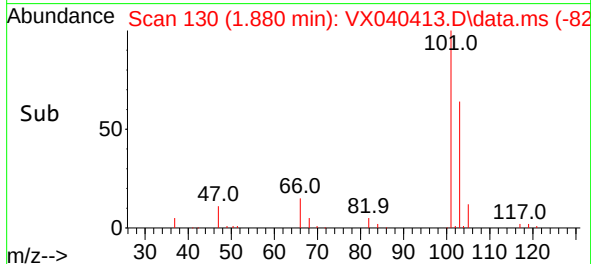
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Tgt Ion:101 Resp: 3508
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

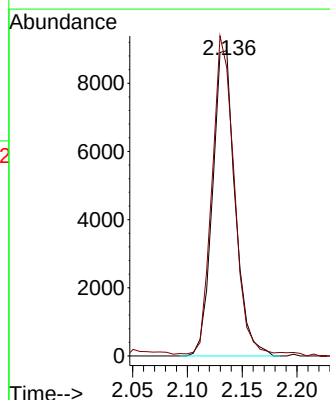
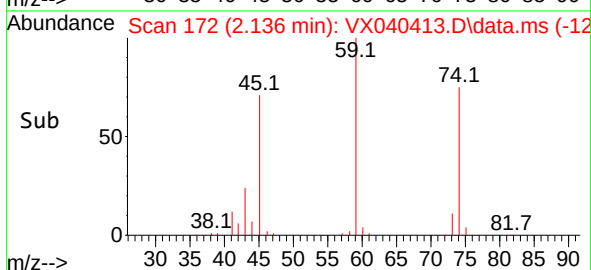
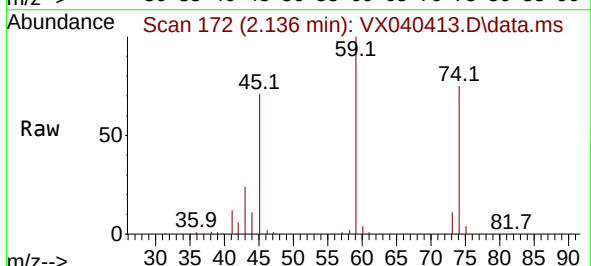
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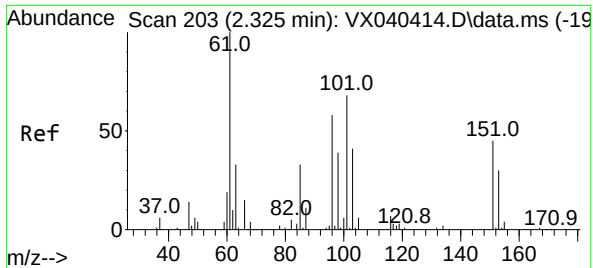
Reviewed By :John Carlone 02/23/2024
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#8
Diethyl Ether
Concen: 20.231 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Acq: 22 Feb 2024 22:19

Tgt Ion: 74 Resp: 12874
Ion Ratio Lower Upper
74 100
45 104.4 53.3 159.8





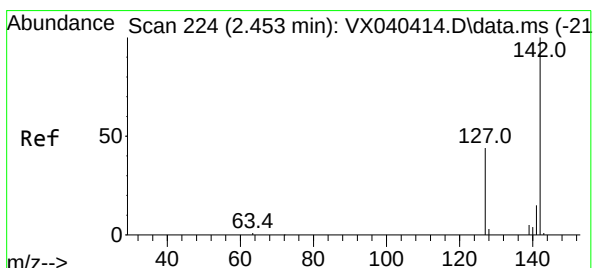
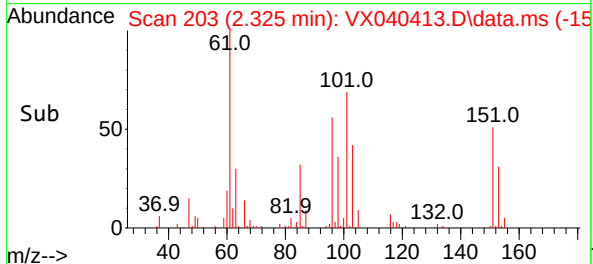
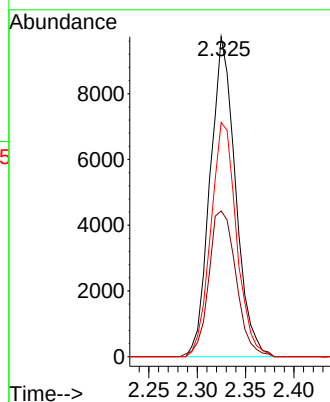
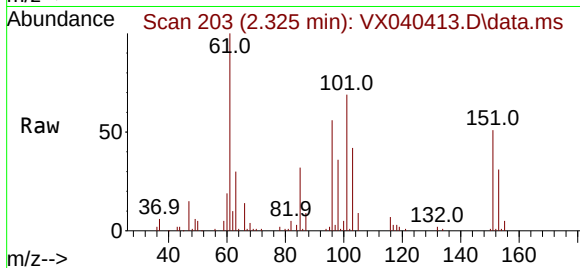
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.859 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040413.D
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Tgt Ion:101 Resp: 1775
Ion Ratio Lower Upper
101 100
85 49.1 37.0 55.6
151 74.3 58.6 87.8

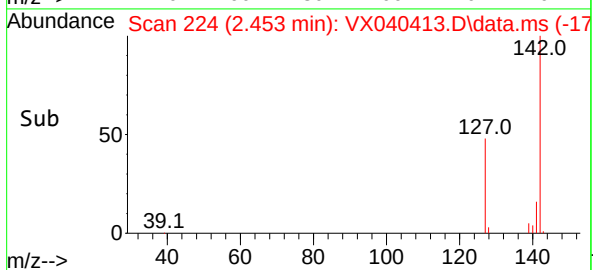
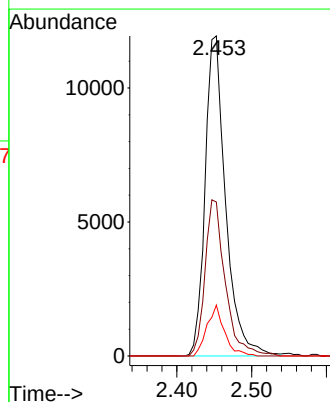
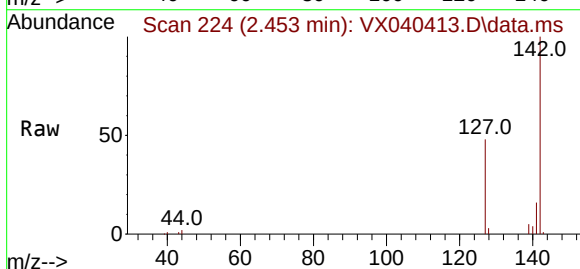
Manual Integrations
APPROVED

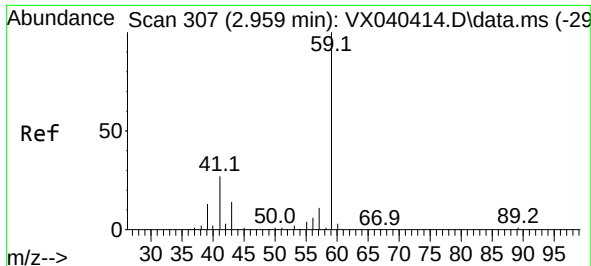
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 20.796 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

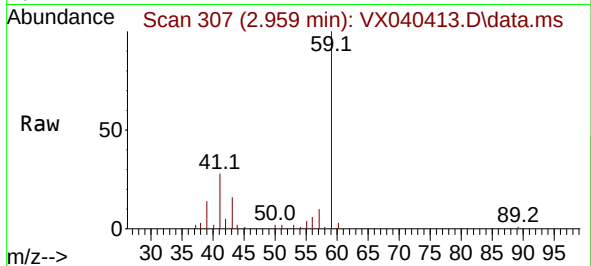
Tgt Ion:142 Resp: 22776
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 13.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 99.302 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

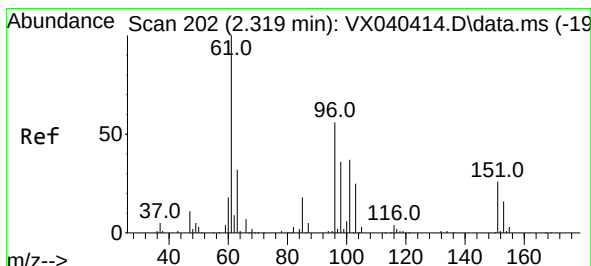
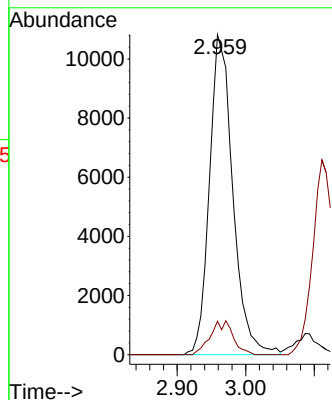
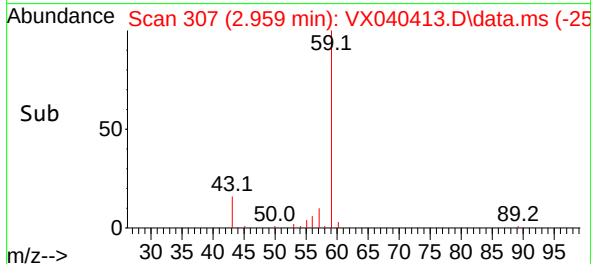
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 2568
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

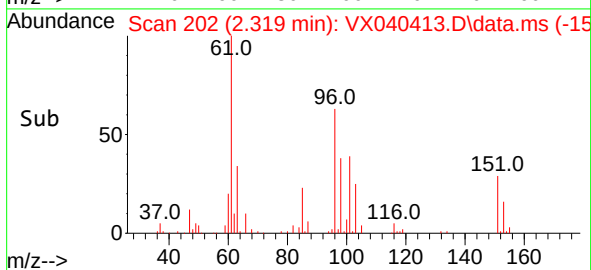
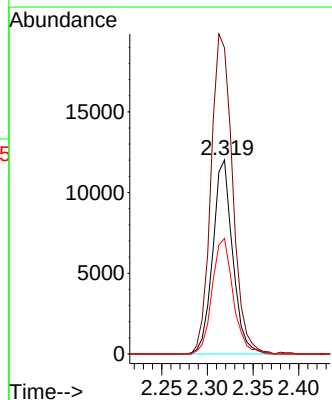
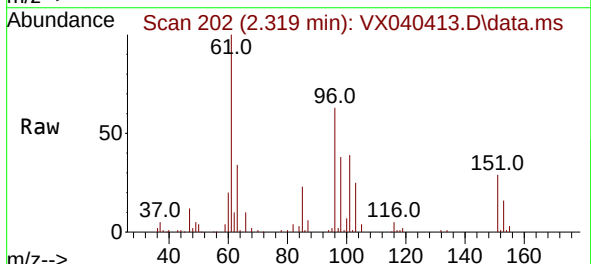
Manual Integrations
APPROVED

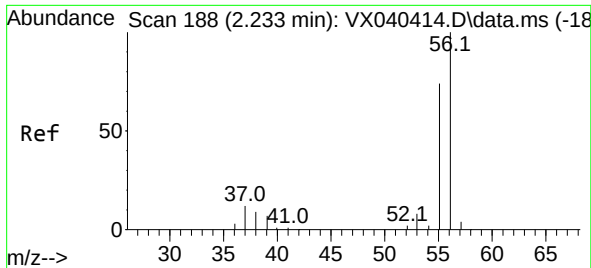
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#12
1,1-Dichloroethene
Concen: 19.985 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 96 Resp: 18143
Ion Ratio Lower Upper
96 100
61 157.7 144.6 216.8
98 59.6 50.4 75.6





#13

Acrolein

Concen: 97.438 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 30149

Ion Ratio Lower Upper

56 100

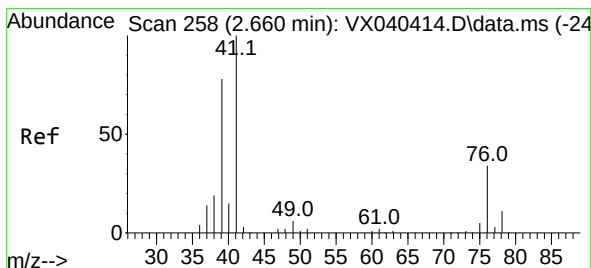
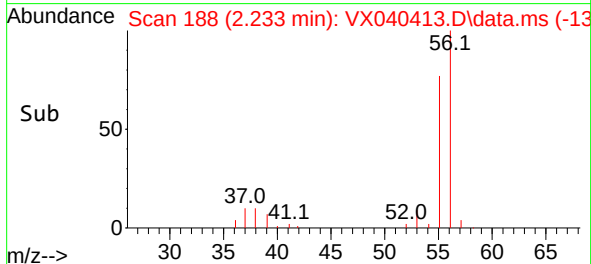
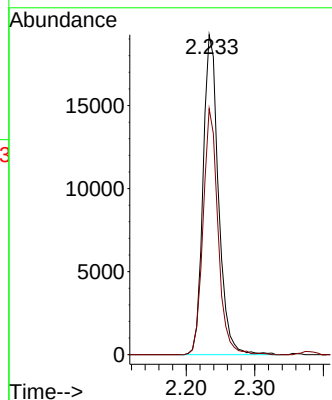
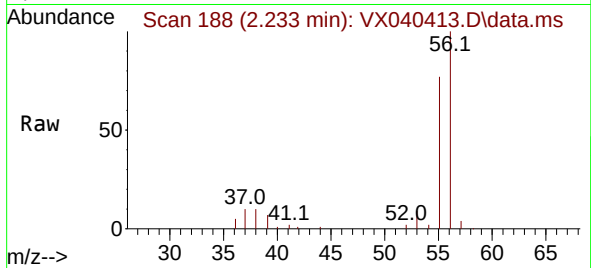
55 74.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#14

Allyl chloride

Concen: 20.011 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

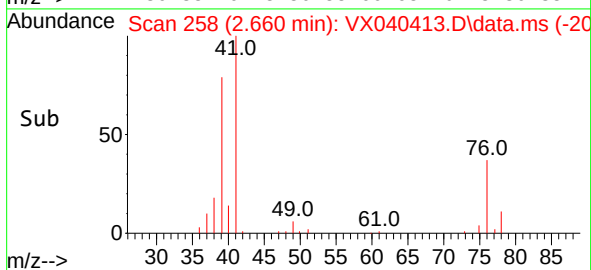
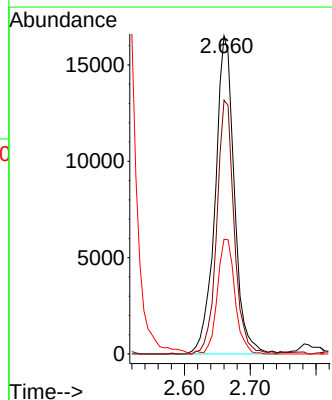
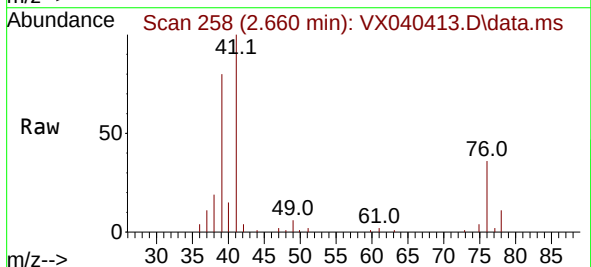
Tgt Ion: 41 Resp: 33552

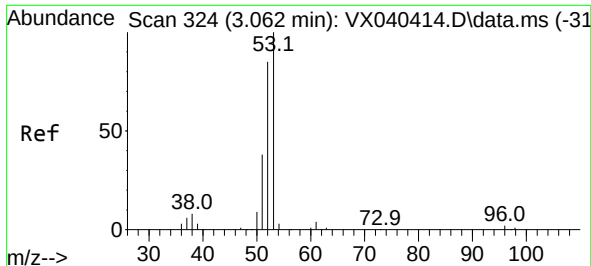
Ion Ratio Lower Upper

41 100

39 72.0 55.8 83.6

76 33.1 24.3 36.5





#15

Acrylonitrile

Concen: 104.103 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

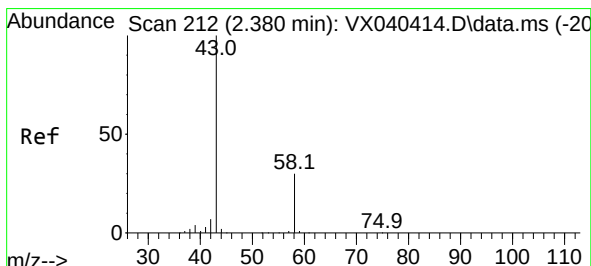
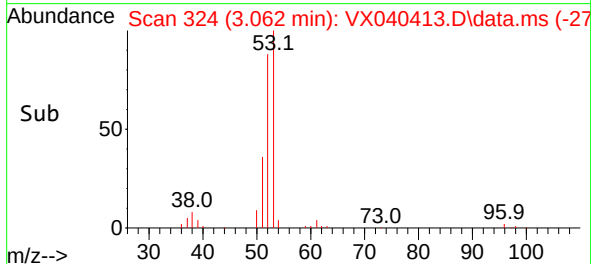
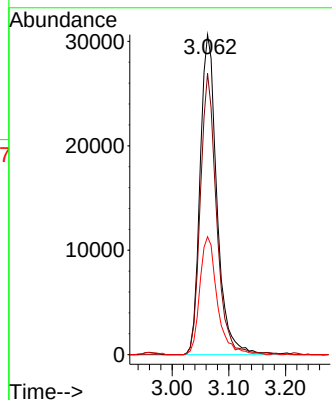
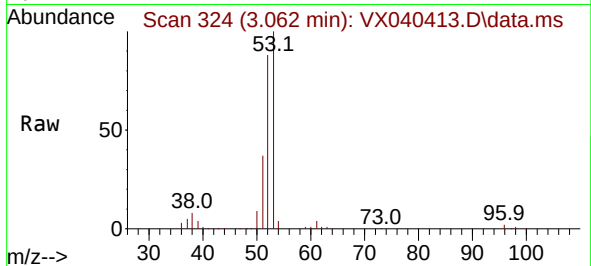
Tgt Ion: 53	Resp: 63120
Ion Ratio	Lower Upper
53 100	
52 84.3	66.0 99.0
51 38.3	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#16

Acetone

Concen: 102.362 ug/l

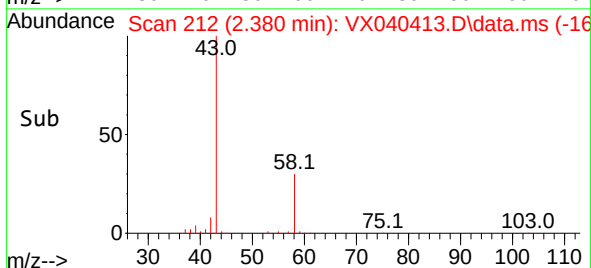
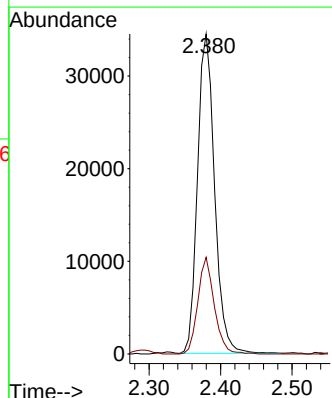
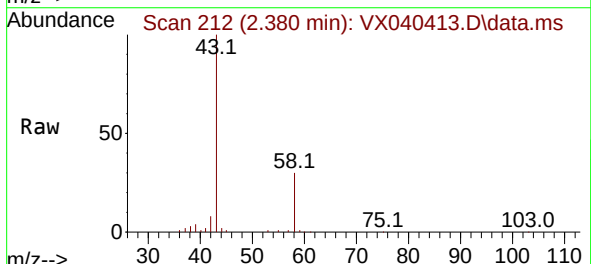
RT: 2.380 min Scan# 212

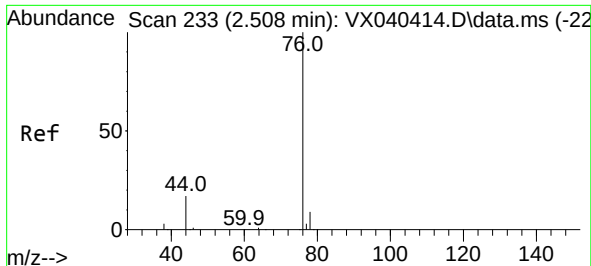
Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Tgt Ion: 43	Resp: 57063
Ion Ratio	Lower Upper
43 100	
58 30.3	21.9 32.9





#17

Carbon Disulfide

Concen: 18.991 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 47400

Ion Ratio Lower Upper

76 100

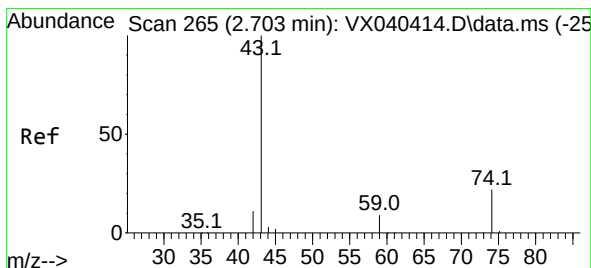
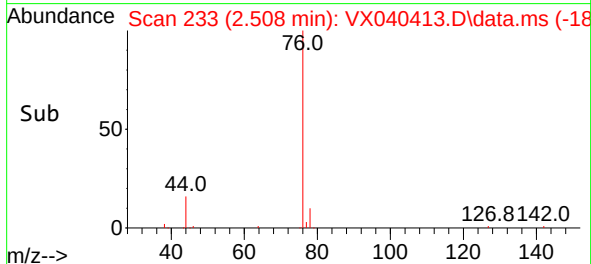
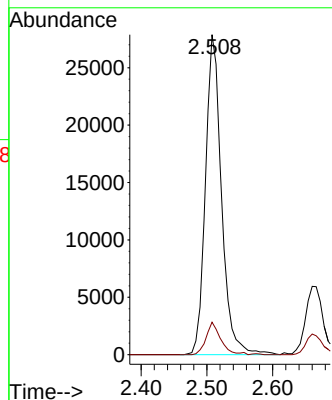
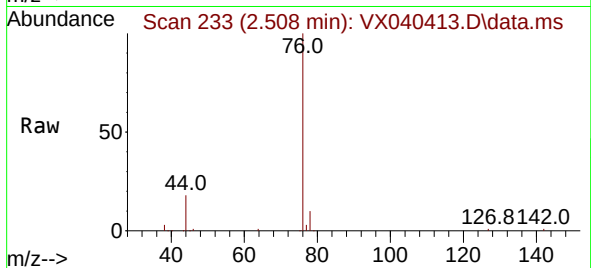
78 10.1 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#18

Methyl Acetate

Concen: 19.928 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040413.D

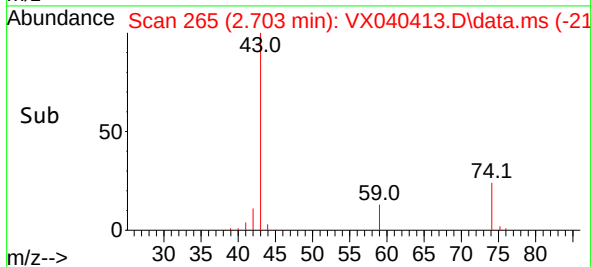
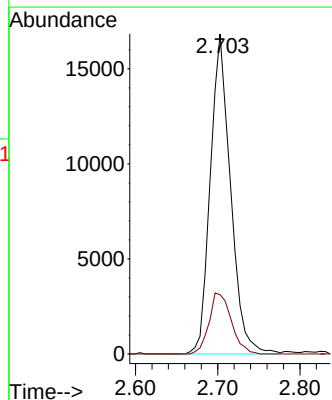
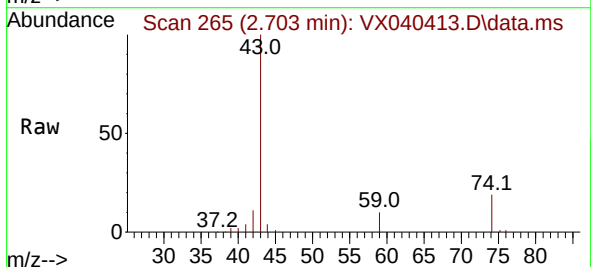
Acq: 22 Feb 2024 22:19

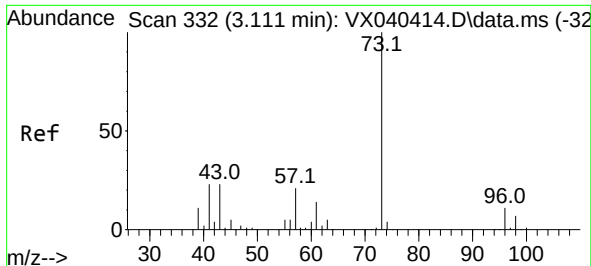
Tgt Ion: 43 Resp: 28776

Ion Ratio Lower Upper

43 100

74 20.9 17.8 26.8





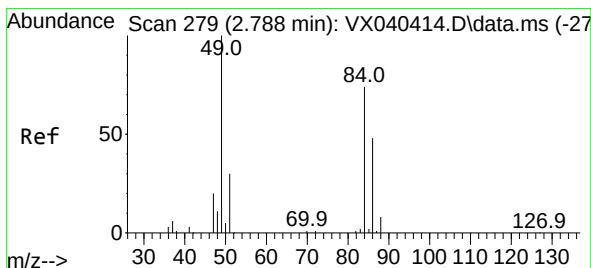
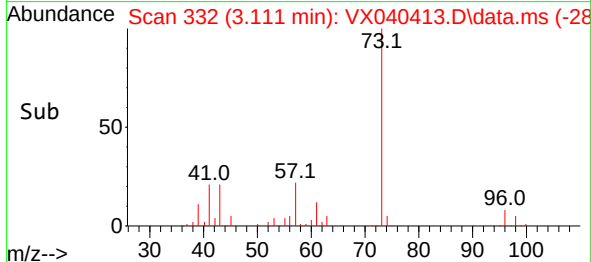
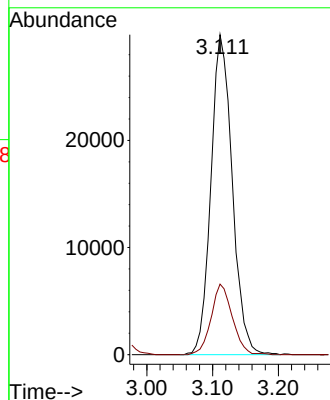
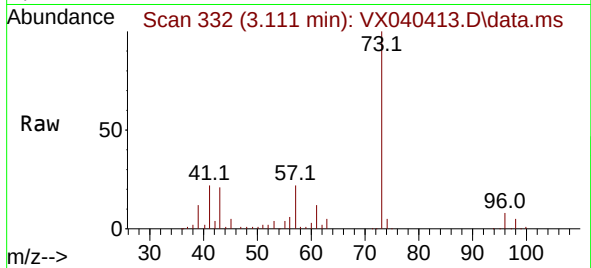
#19
Methyl tert-butyl Ether
Concen: 20.844 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 67470
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

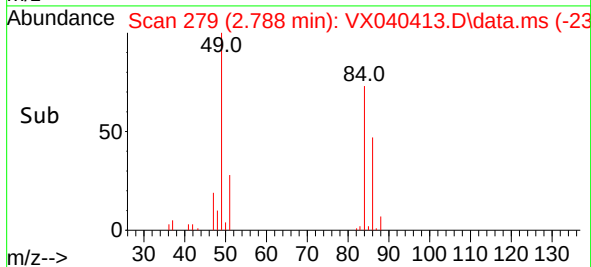
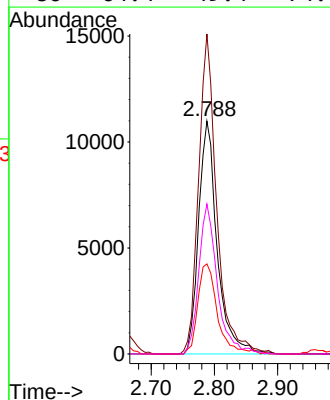
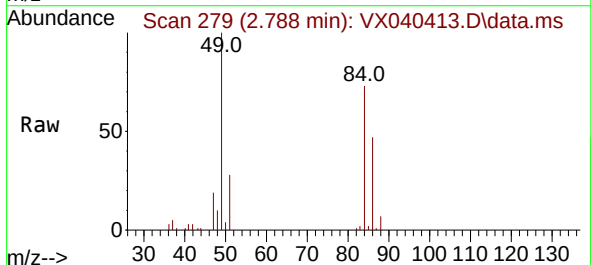
Manual Integrations
APPROVED

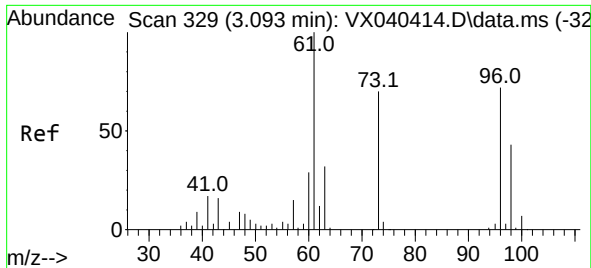
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 19.300 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

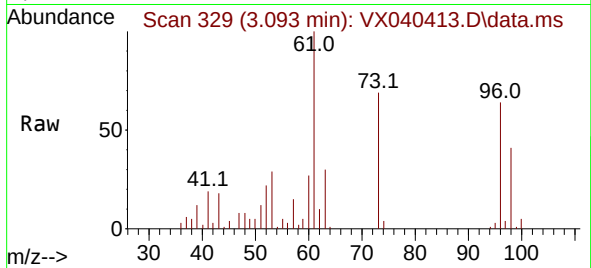
Tgt Ion: 84 Resp: 22528
Ion Ratio Lower Upper
84 100
49 137.5 103.6 155.4
51 38.7 33.8 50.6
86 64.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.361 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

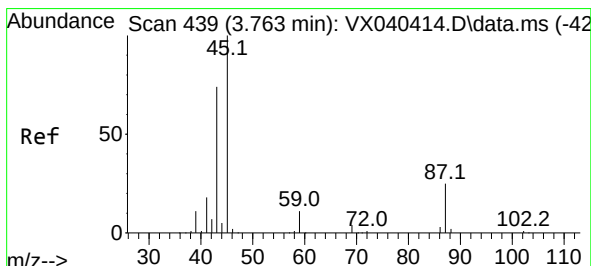
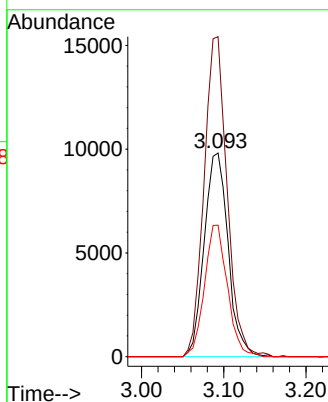
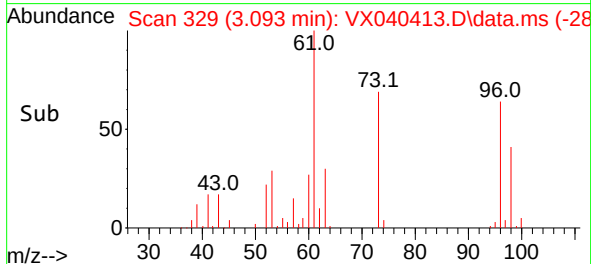
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



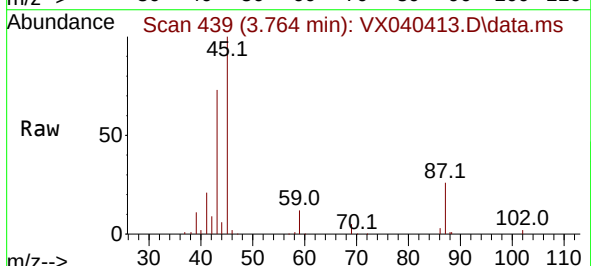
Tgt Ion: 96 Resp: 1983
Ion Ratio Lower Upper
96 100
61 157.0 119.2 178.8
98 64.5 48.7 73.1

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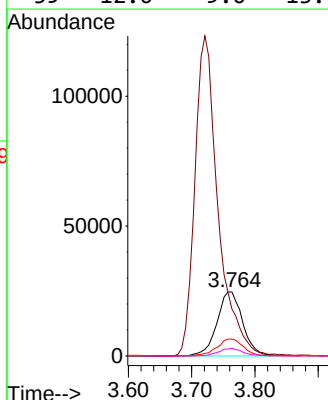
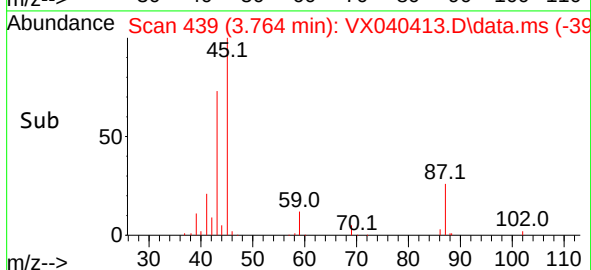
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

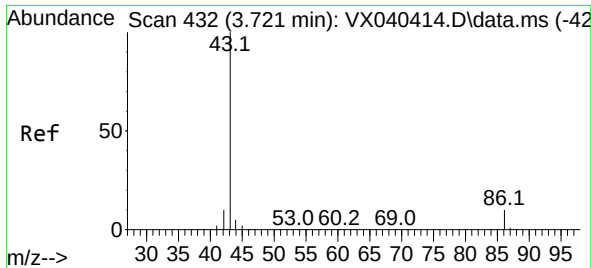


#22
Diisopropyl ether
Concen: 20.899 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19



Tgt Ion: 45 Resp: 69263
Ion Ratio Lower Upper
45 100
43 71.3 69.7 104.5
87 26.3 20.8 31.2
59 12.0 9.0 13.4





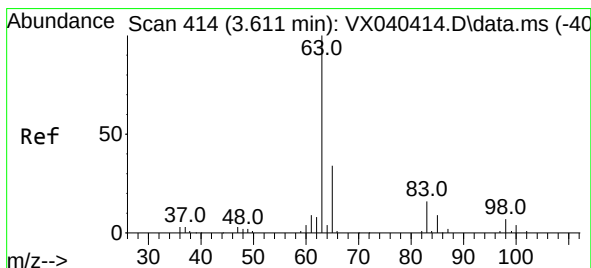
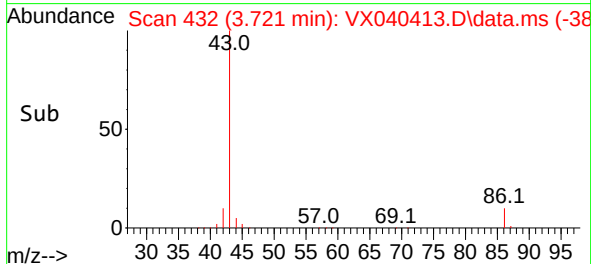
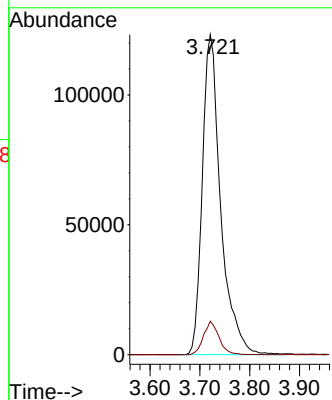
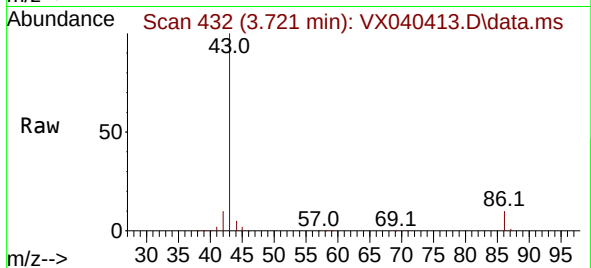
#23
 Vinyl Acetate
 Concen: 104.327 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040413.D
 Acq: 22 Feb 2024 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 31555
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

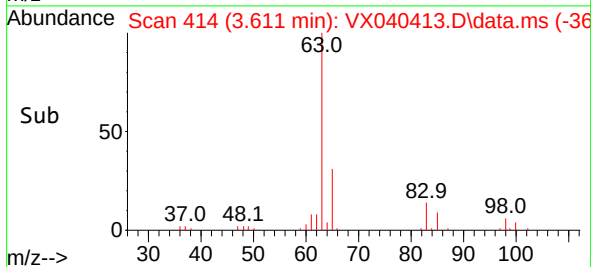
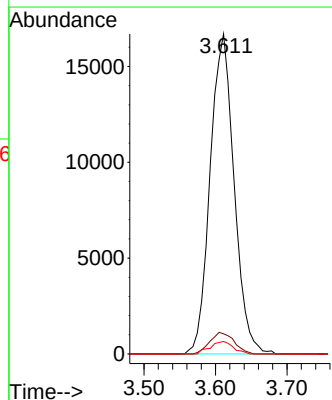
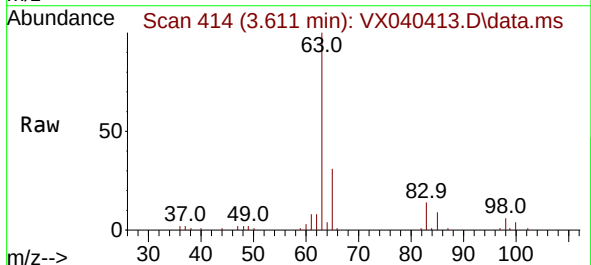
Manual Integrations
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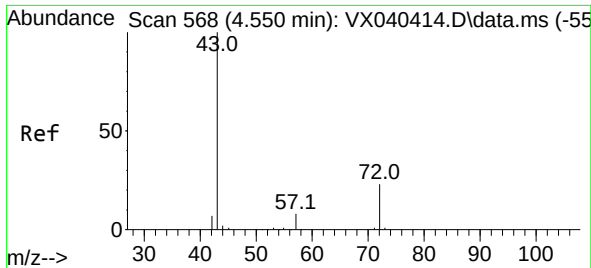
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 20.297 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX040413.D
 Acq: 22 Feb 2024 22:19

Tgt Ion: 63 Resp: 38899
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 3.9 2.1 6.5





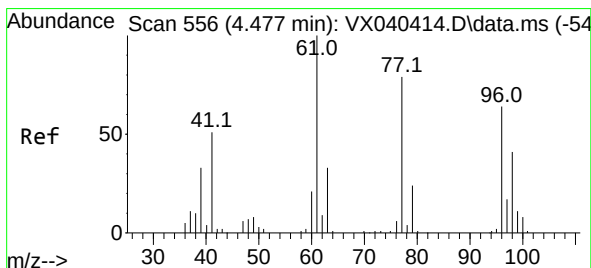
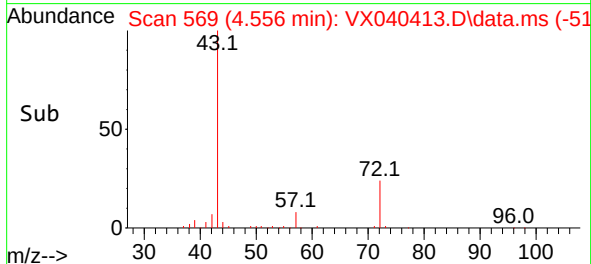
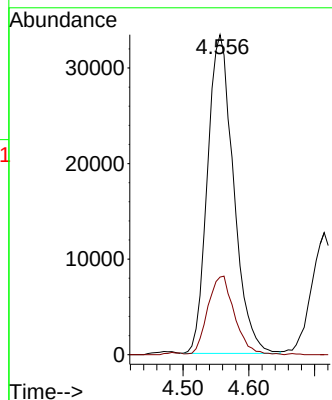
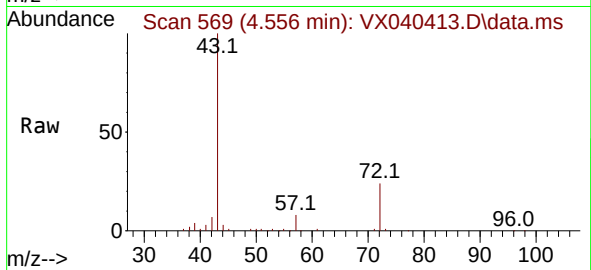
#25
2-Butanone
Concen: 105.745 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 9190
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2

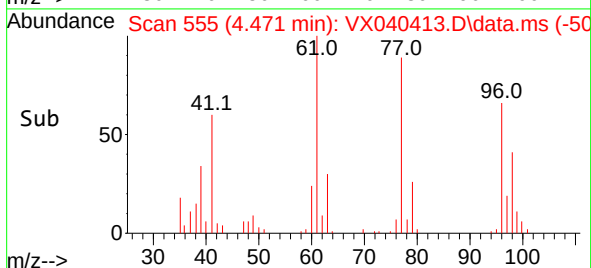
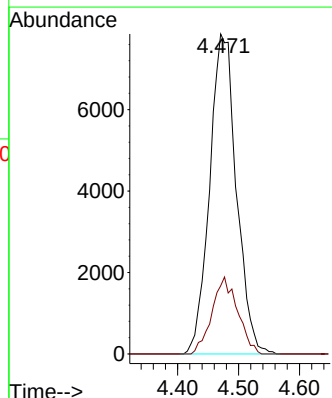
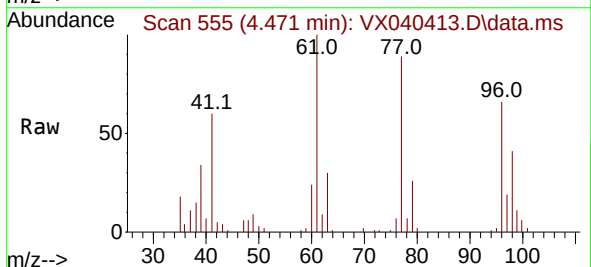
Manual Integrations
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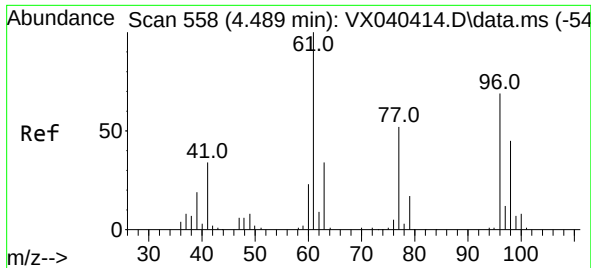
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 19.160 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

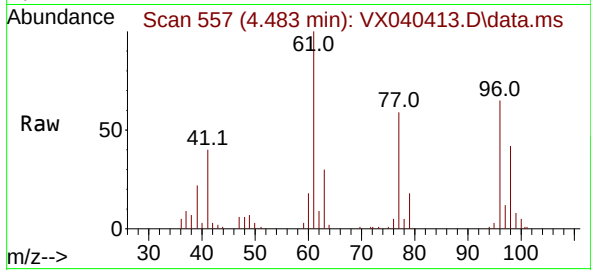
Tgt Ion: 77 Resp: 23968
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 20.446 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

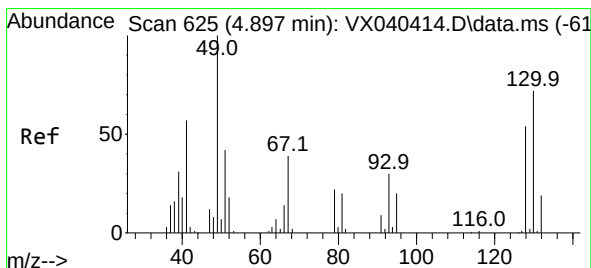
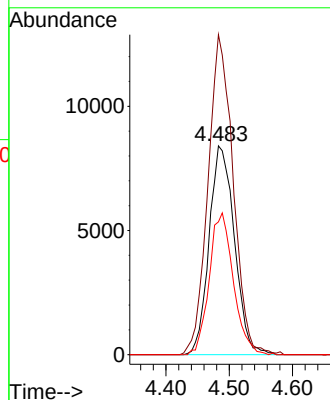
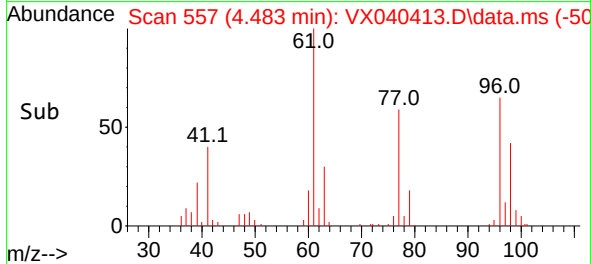
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 23340
Ion Ratio Lower Upper
96 100
61 152.4 0.0 312.2
98 64.8 0.0 129.0

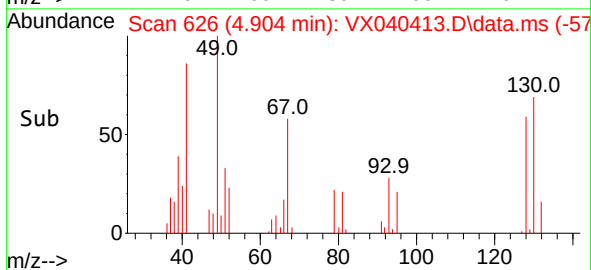
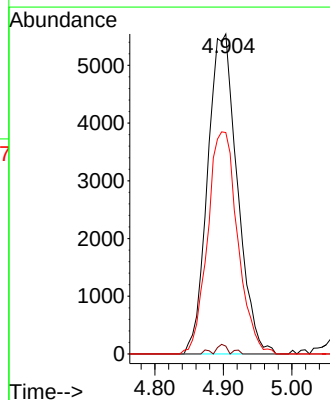
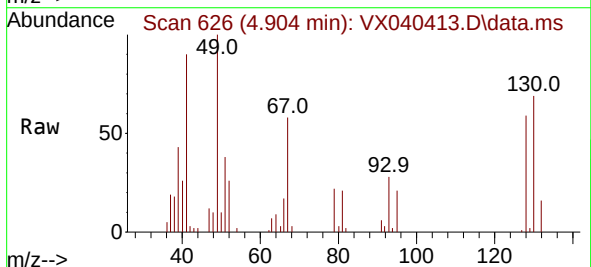
Manual Integrations
APPROVED

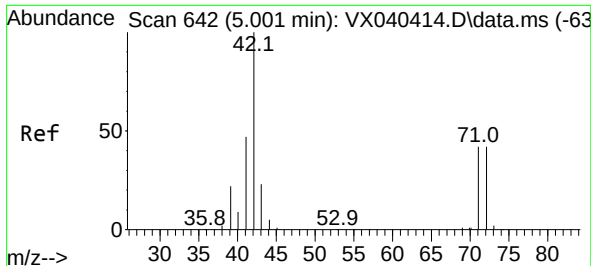
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#28
Bromochloromethane
Concen: 18.672 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 49 Resp: 16691
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 70.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 105.196 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

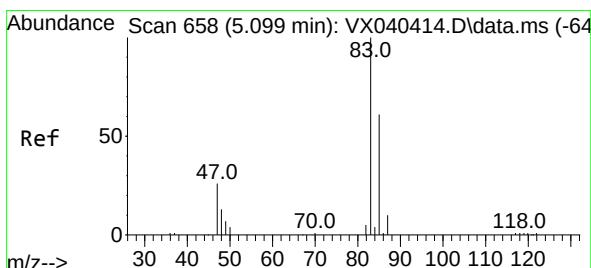
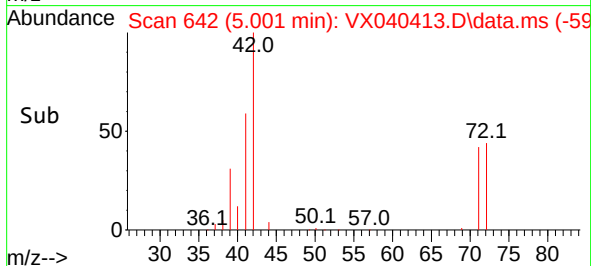
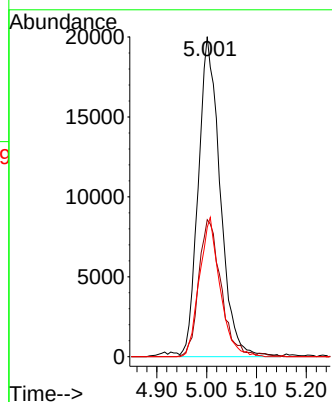
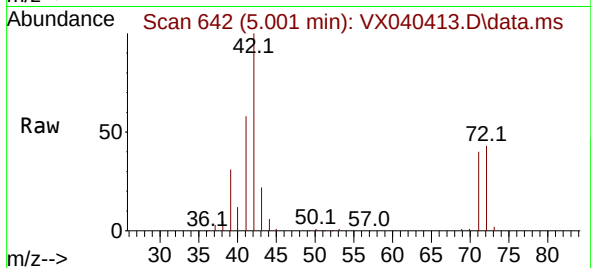
Tgt Ion:	42	Resp:	6086
Ion Ratio	Lower	Upper	
42	100		
72	43.5	34.2	51.4
71	41.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 19.877 ug/l

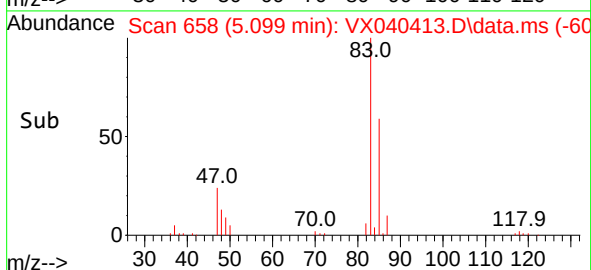
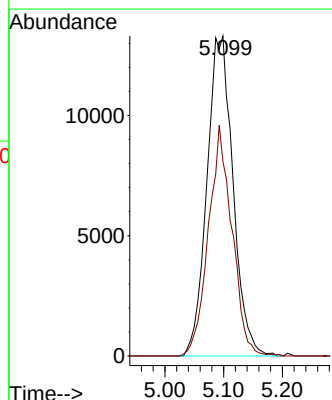
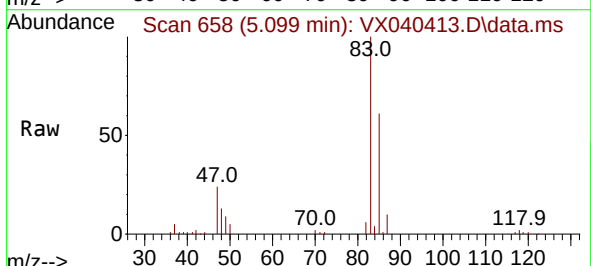
RT: 5.099 min Scan# 658

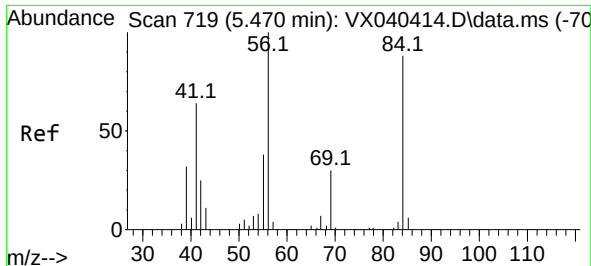
Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

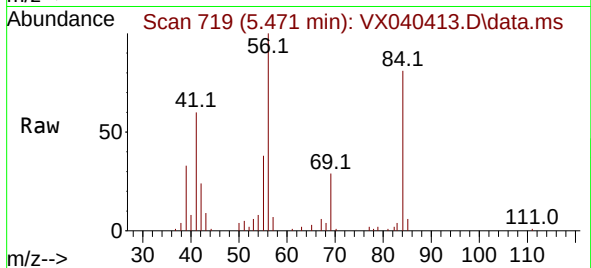
Tgt Ion:	83	Resp:	41058
Ion Ratio	Lower	Upper	
83	100		
85	60.8	50.3	75.5





#31
Cyclohexane
Concen: 19.575 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

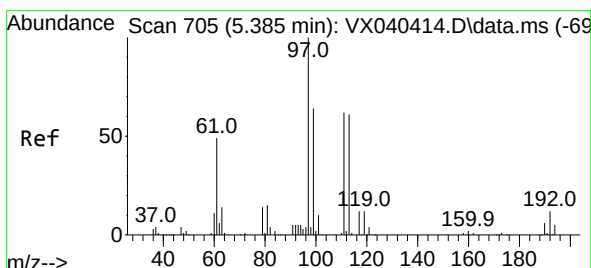
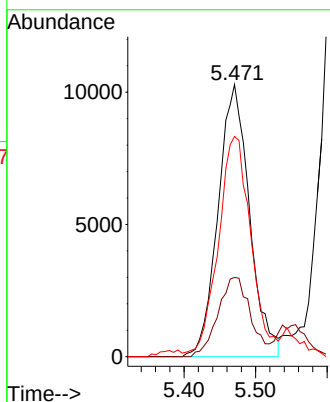
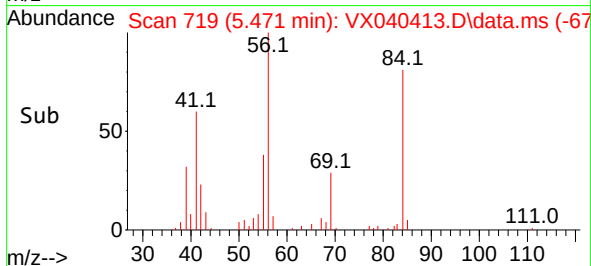
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 31398
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 78.5 65.9 98.9

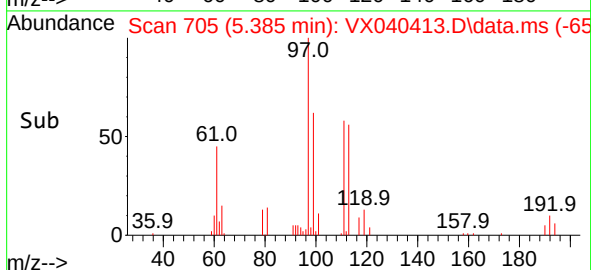
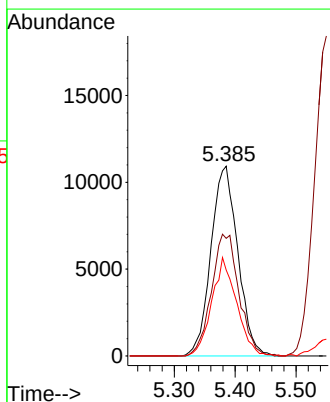
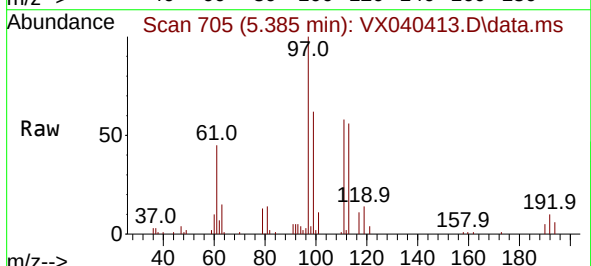
Manual Integrations
APPROVED

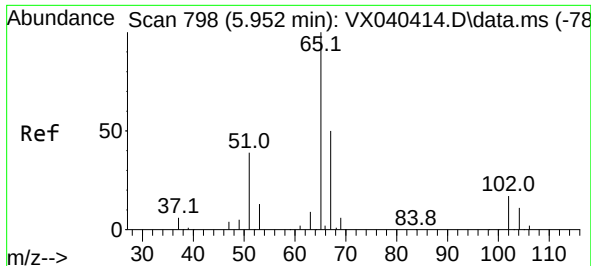
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#32
1,1,1-Trichloroethane
Concen: 19.617 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 97 Resp: 33545
Ion Ratio Lower Upper
97 100
99 65.6 51.1 76.7
61 47.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 19.247 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2575

Ion Ratio Lower Upper

65 100

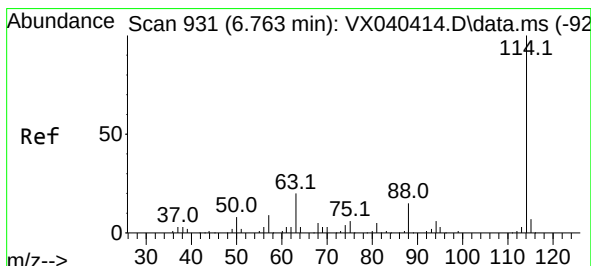
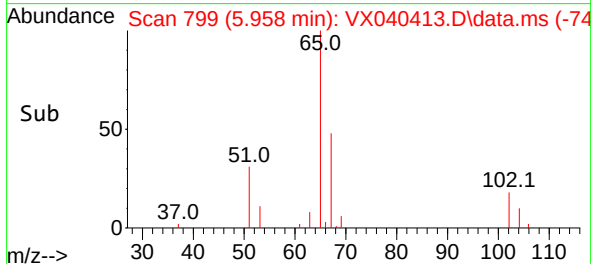
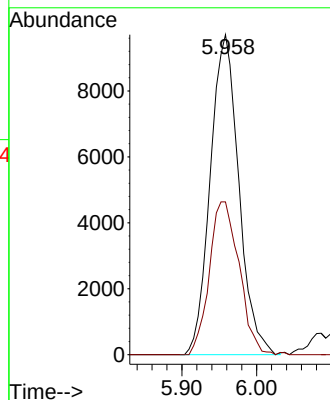
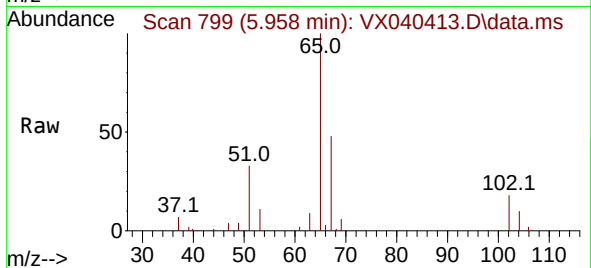
67 49.9 0.0 100.2

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: VX040413.D

Acq: 22 Feb 2024 22:19

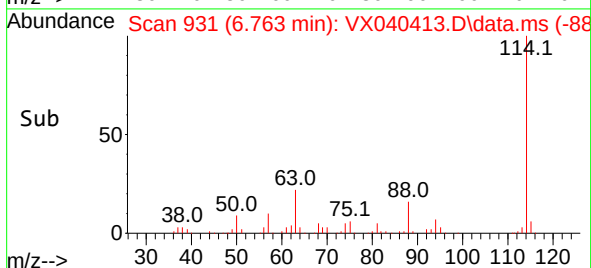
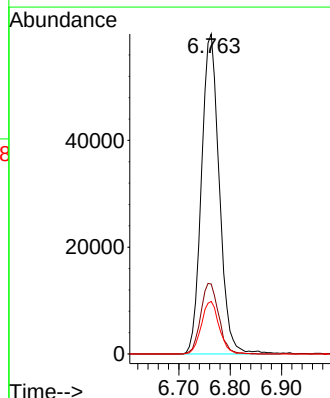
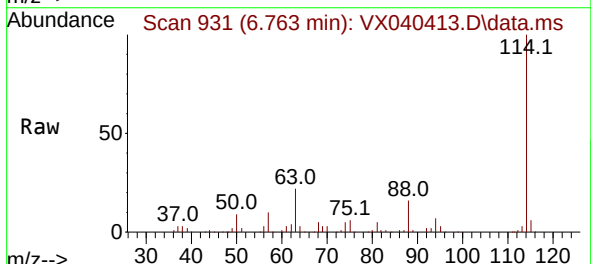
Tgt Ion:114 Resp: 144162

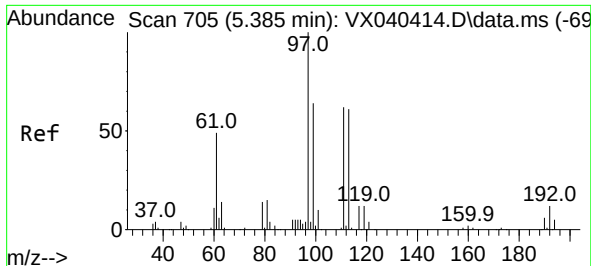
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

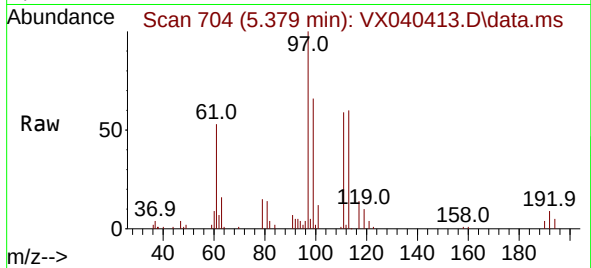
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 19.251 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

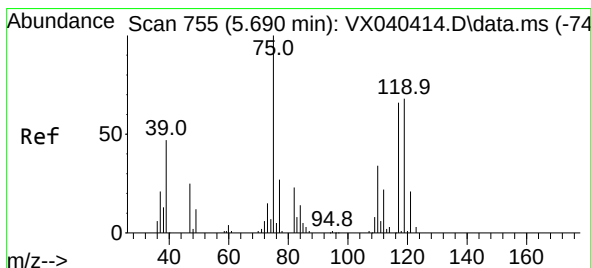
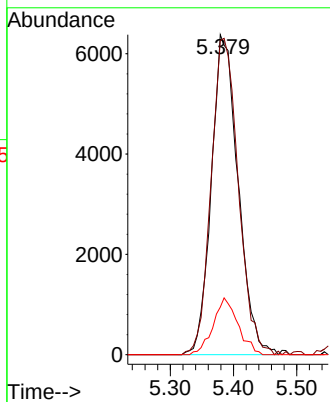
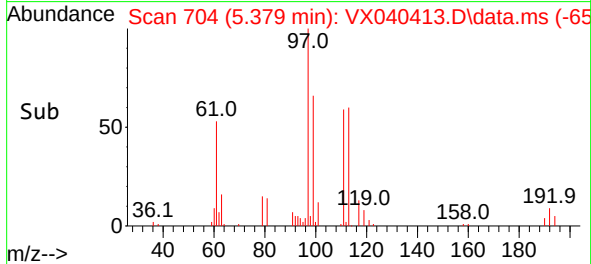
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:113 Resp: 18702
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 16.5 13.3 19.9

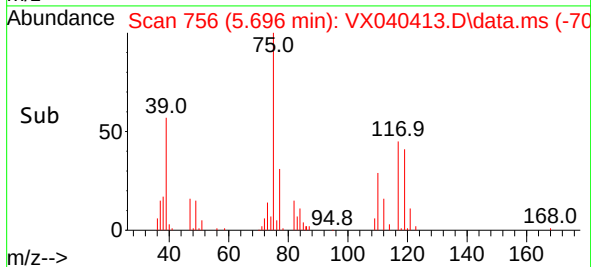
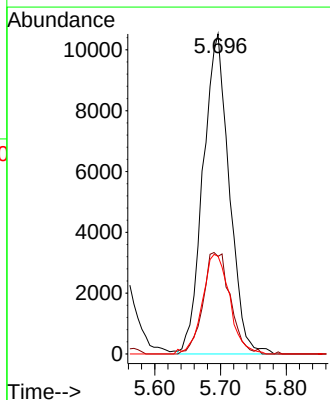
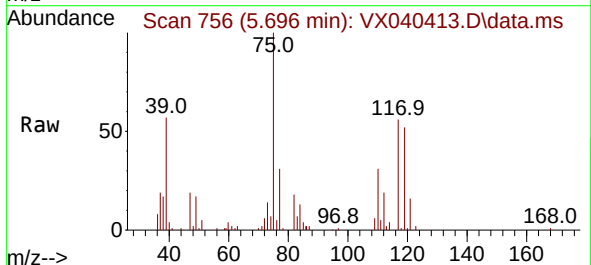
Manual Integrations
APPROVED

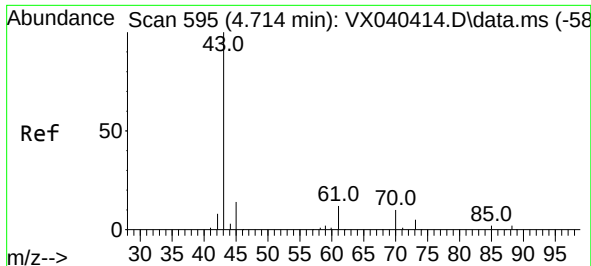
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#36
1,1-Dichloropropene
Concen: 19.389 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 75 Resp: 29151
Ion Ratio Lower Upper
75 100
110 32.9 17.0 50.9
77 32.3 24.7 37.1





#37

Ethyl Acetate

Concen: 20.411 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 35060

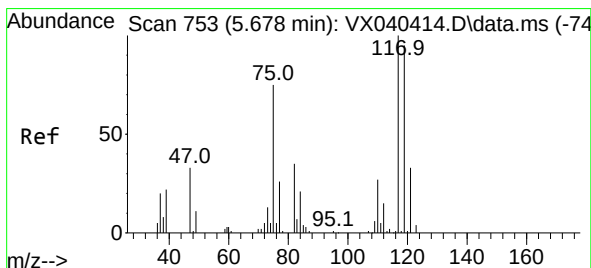
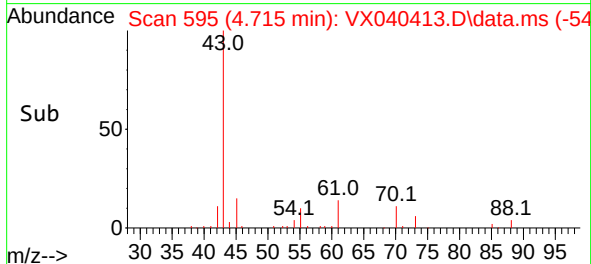
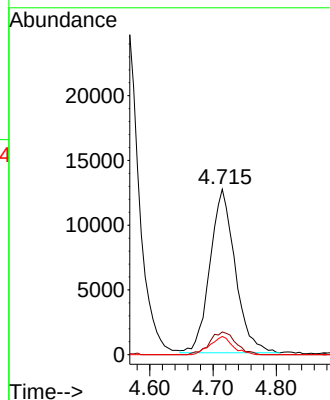
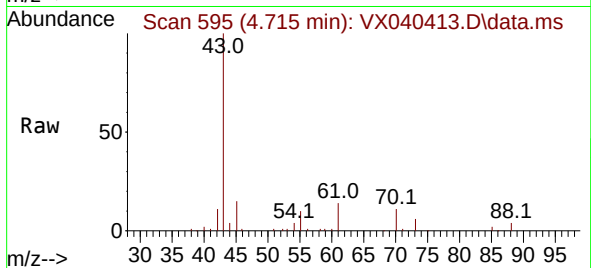
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.6	16.0
70	9.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#38

Carbon Tetrachloride

Concen: 19.520 ug/l

RT: 5.672 min Scan# 752

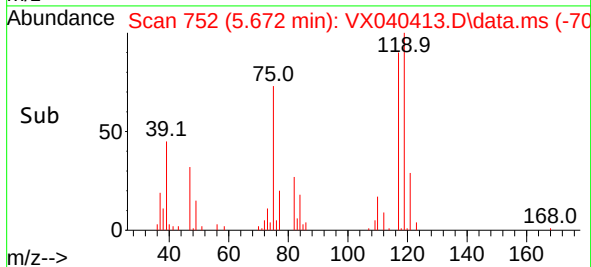
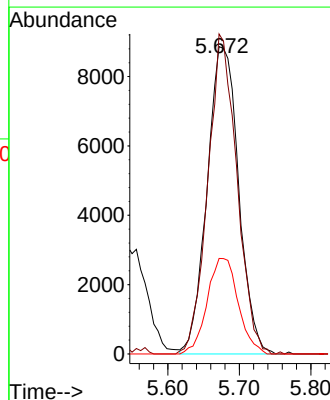
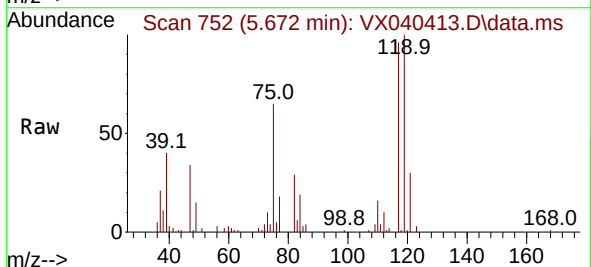
Delta R.T. -0.006 min

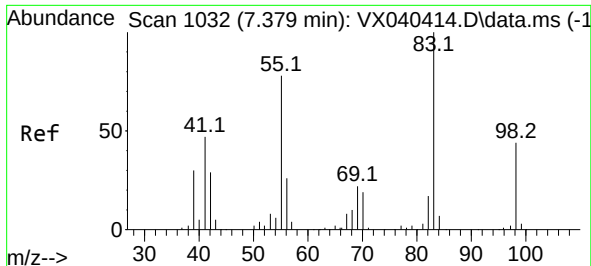
Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Tgt Ion:117 Resp: 27152

Ion	Ratio	Lower	Upper
117	100		
119	103.4	78.2	117.2
121	31.1	24.4	36.6





#39
Methylcyclohexane
Concen: 20.115 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

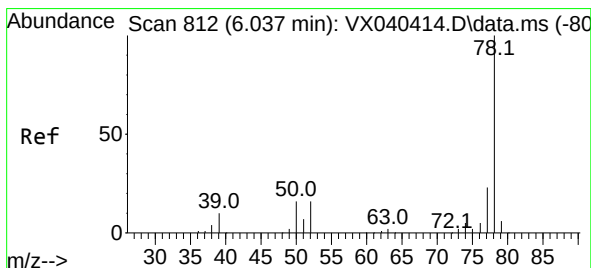
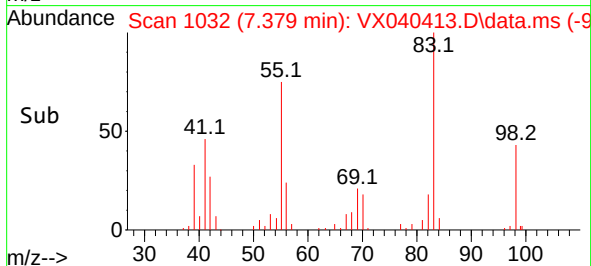
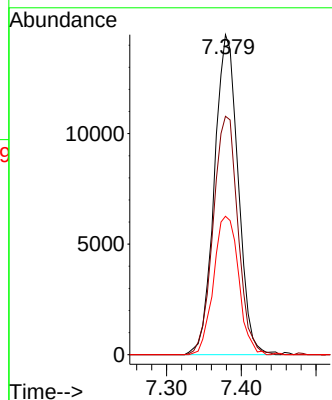
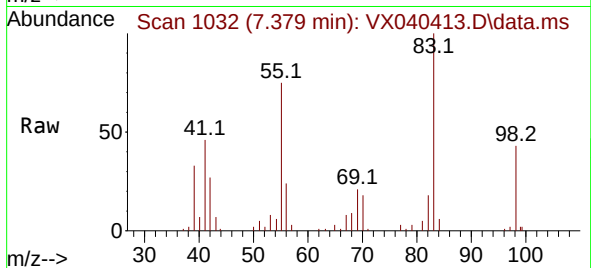
Tgt Ion: 83 Resp: 32050
Ion Ratio Lower Upper
83 100
55 74.5 64.6 97.0
98 43.2 36.7 55.1

Manual Integrations

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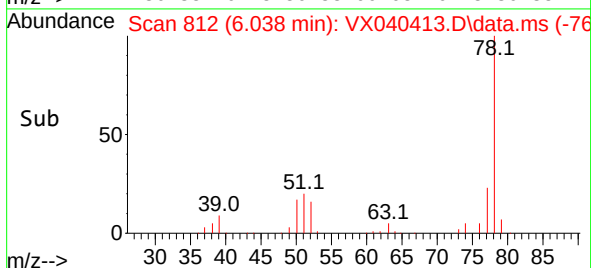
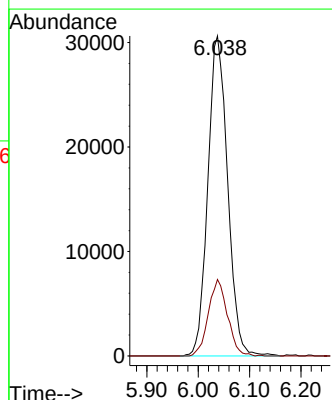
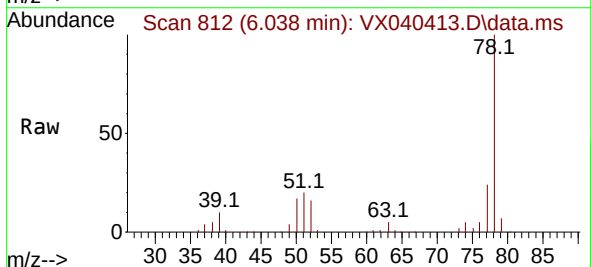
Reviewed By :John Carlone 02/23/2024

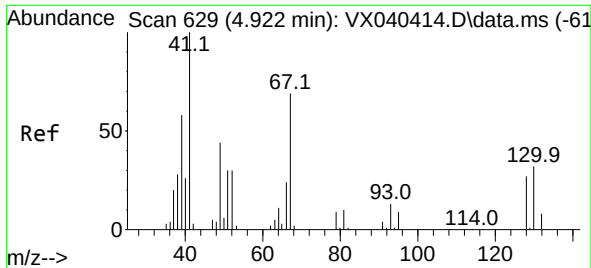
Supervised By :Mahesh Dadoda 02/23/2024



#40
Benzene
Concen: 19.996 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

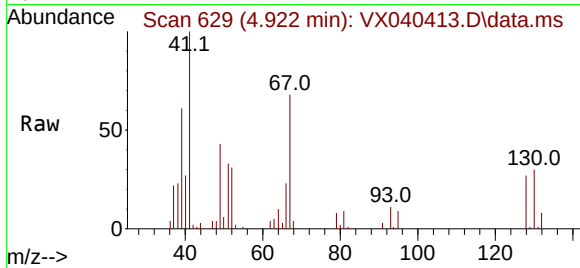
Tgt Ion: 78 Resp: 81786
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 20.187 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

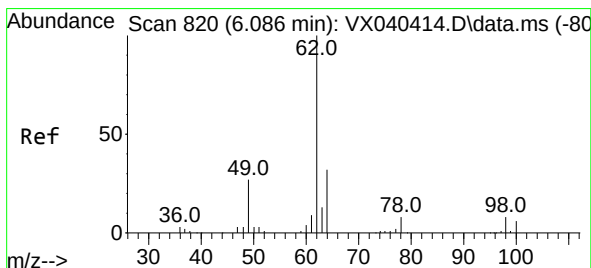
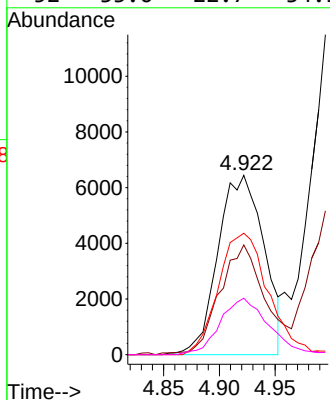
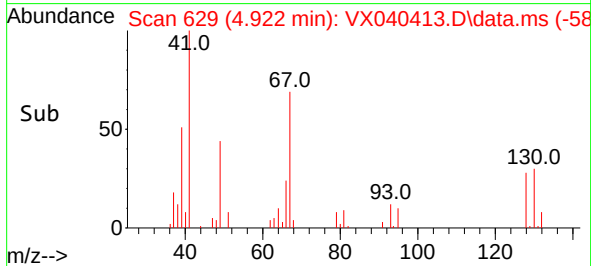
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:	41	Resp:	1841
Ion Ratio	100	Lower	Upper
39	61.5	45.2	67.8
67	73.6	52.6	78.8
52	33.6	22.7	34.1

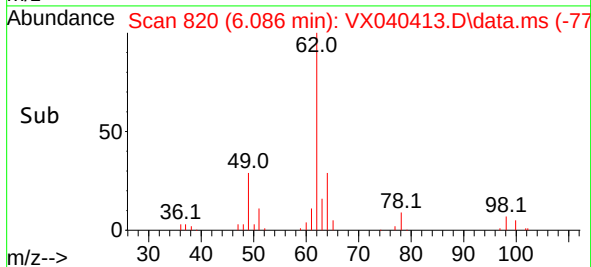
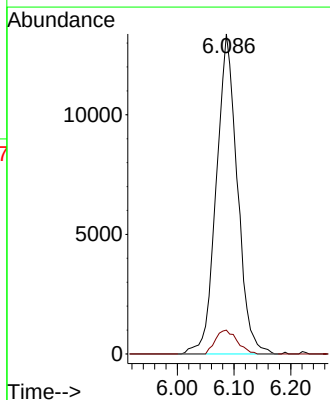
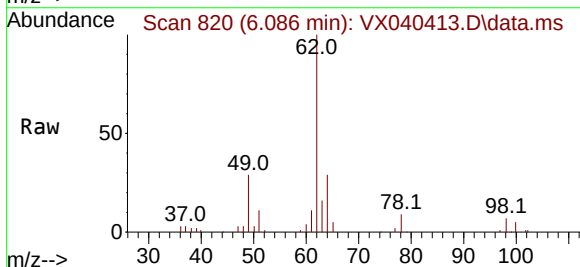
Manual Integrations
APPROVED

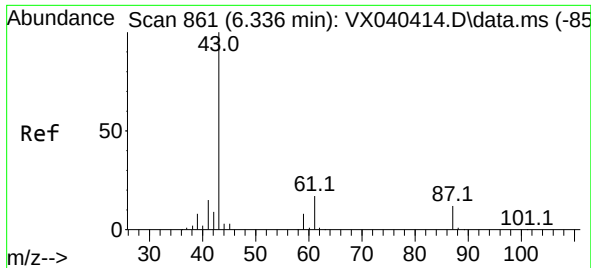
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 20.269 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion:	62	Resp:	34454
Ion Ratio	100	Lower	Upper
98	7.7	0.0	16.0





#43

Isopropyl Acetate

Concen: 20.593 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

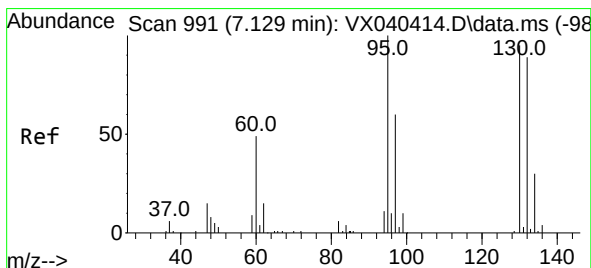
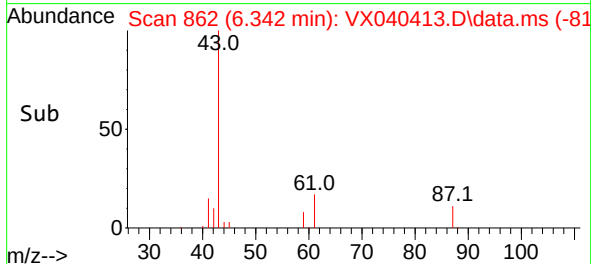
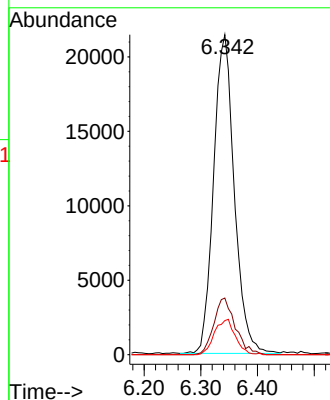
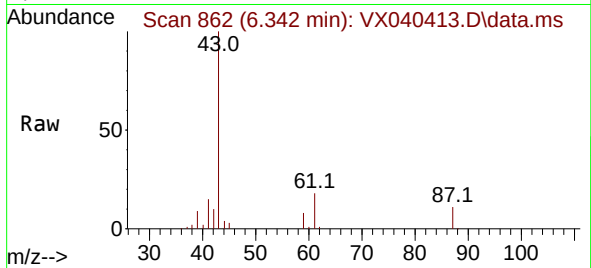
Tgt Ion: 43	Resp: 54270
Ion Ratio	Lower Upper
43	100
61	18.4 15.2 22.8
87	11.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#44

Trichloroethene

Concen: 19.704 ug/l

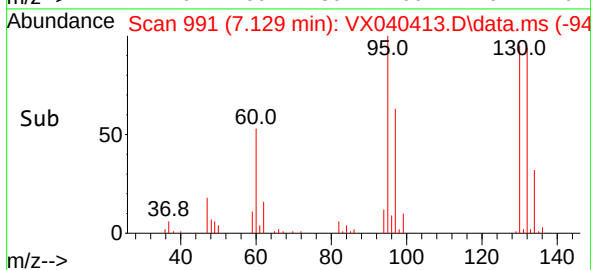
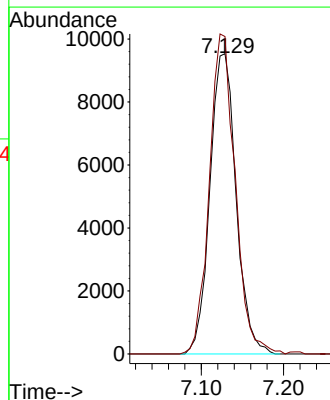
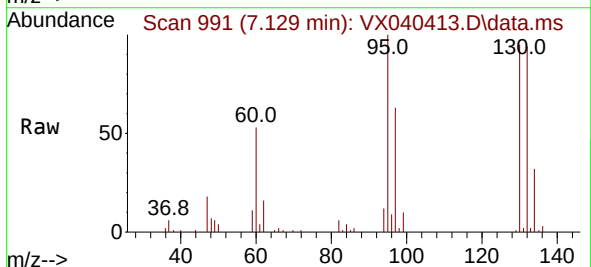
RT: 7.129 min Scan# 991

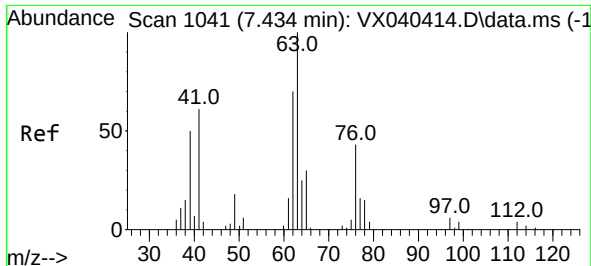
Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Tgt Ion:130	Resp: 21078
Ion Ratio	Lower Upper
130	100
95	105.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.178 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 2202

Ion Ratio Lower Upper

63 100

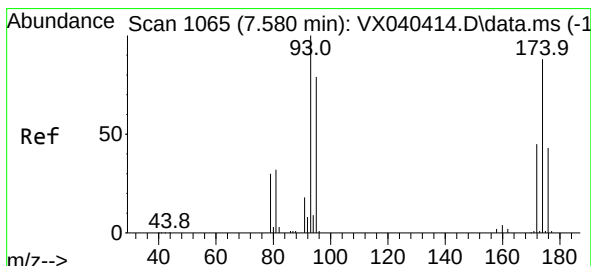
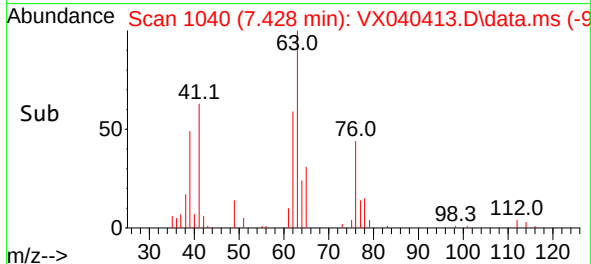
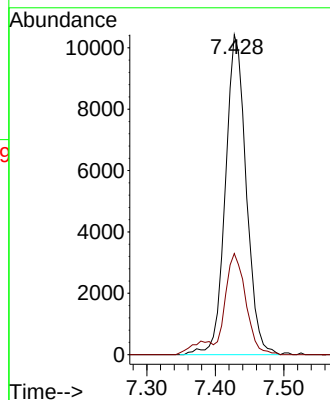
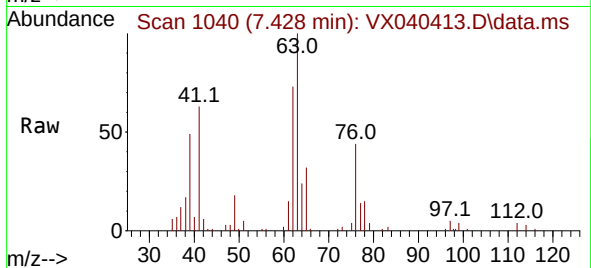
65 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 20.207 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

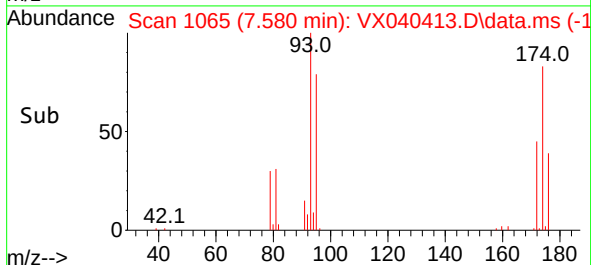
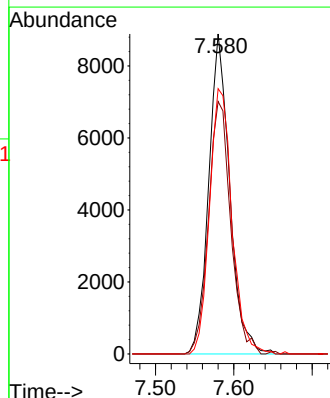
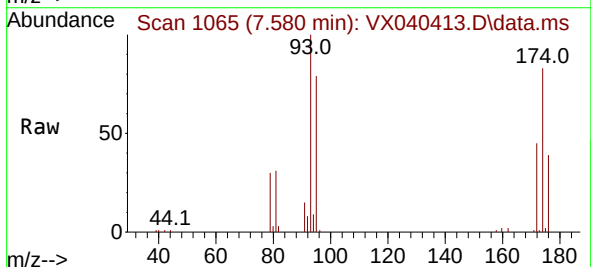
Tgt Ion: 93 Resp: 16548

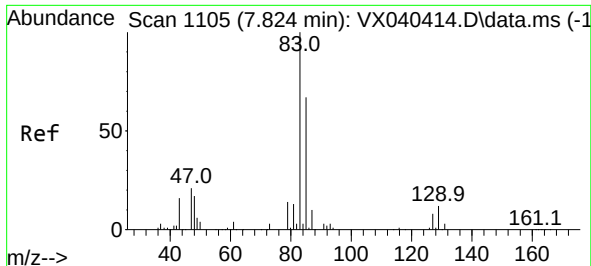
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 88.4 69.4 104.0





#47
Bromodichloromethane
Concen: 19.988 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

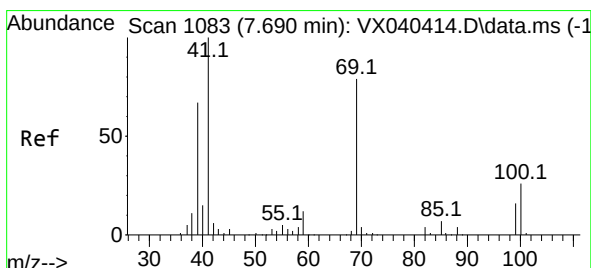
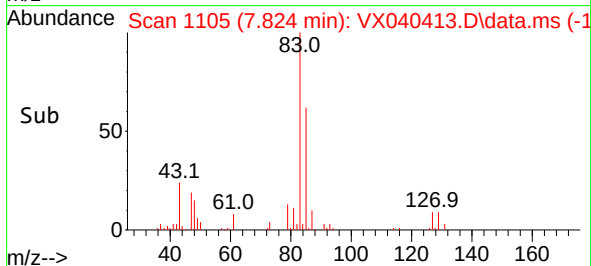
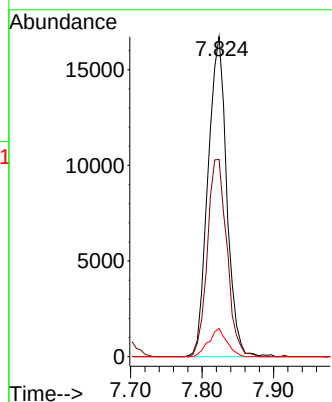
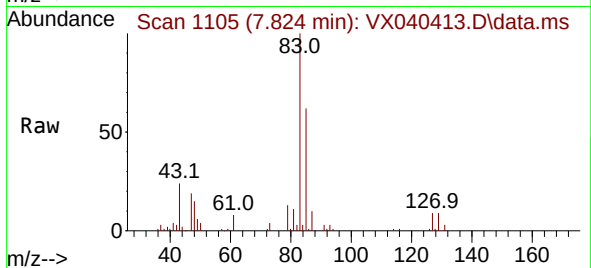
VSTDICC020

Tgt Ion: 83 Resp: 3046
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.8 7.1 10.7

Manual Integrations

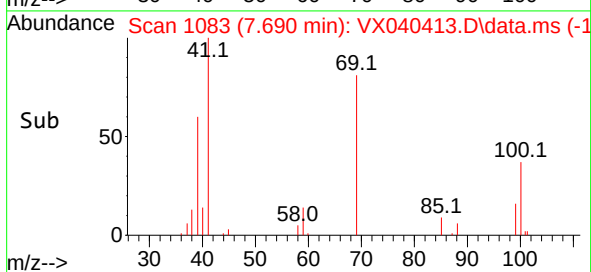
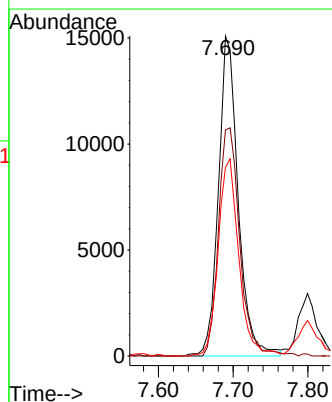
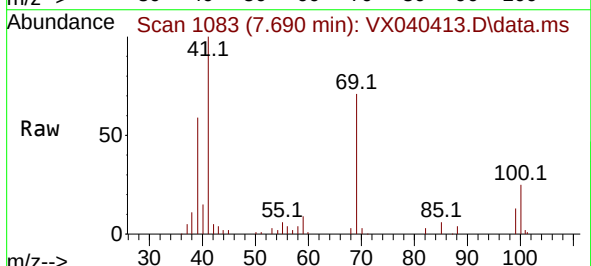
APPROVED

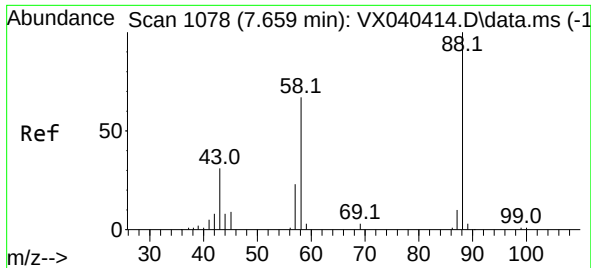
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 21.232 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 41 Resp: 27713
Ion Ratio Lower Upper
41 100
69 76.9 59.2 88.8
39 64.6 47.7 71.5





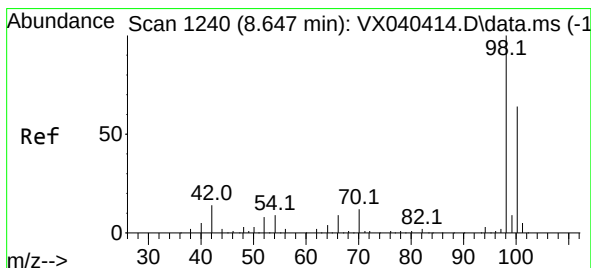
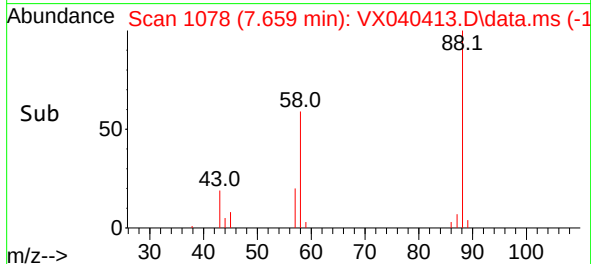
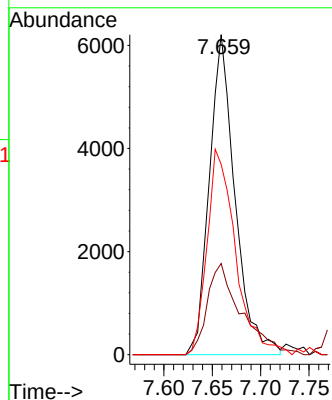
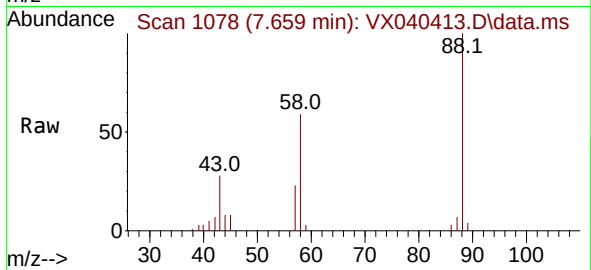
#49
1,4-Dioxane
Concen: 435.392 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 1145
Ion Ratio Lower Upper
88 100
43 37.9 0.0 0.0
58 71.3 60.1 90.1

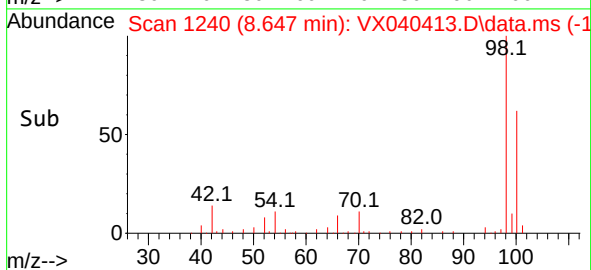
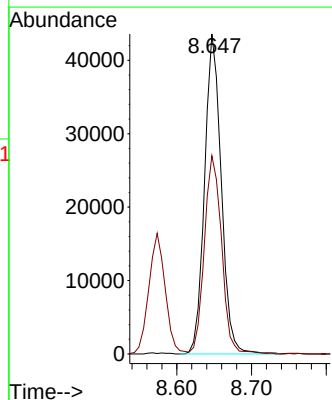
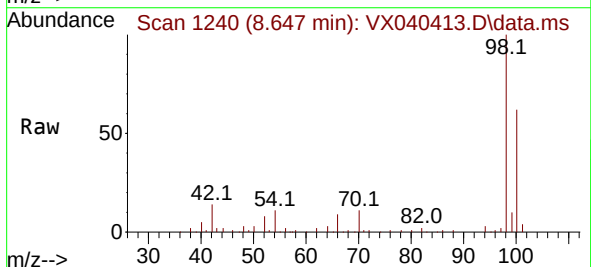
Manual Integrations
APPROVED

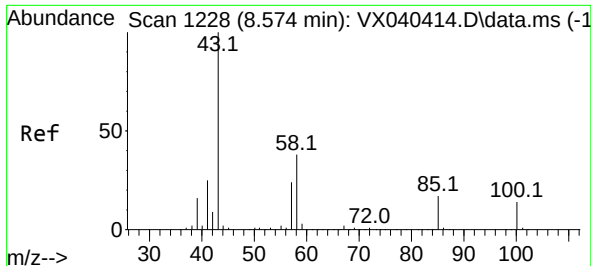
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#50
Toluene-d8
Concen: 19.257 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 98 Resp: 67575
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 104.979 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 187924

Ion Ratio Lower Upper

43 100

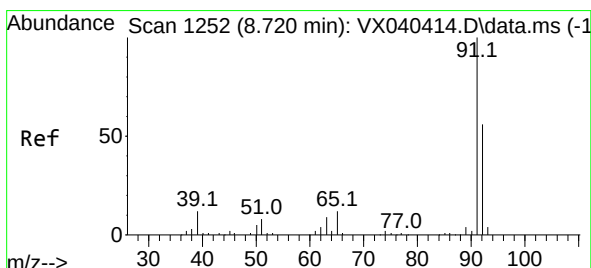
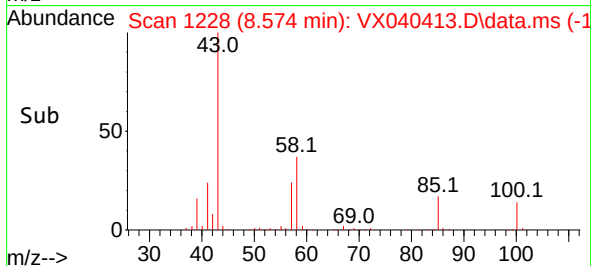
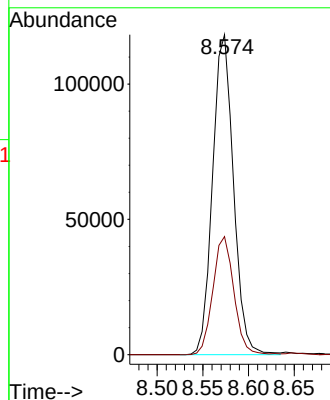
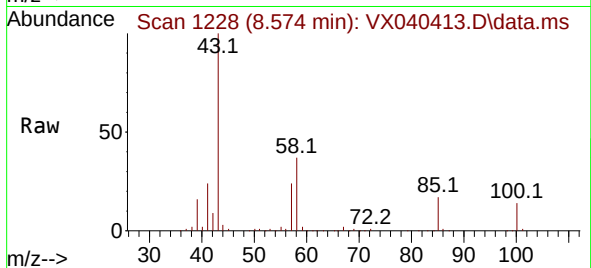
58 37.1 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#52

Toluene

Concen: 20.376 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040413.D

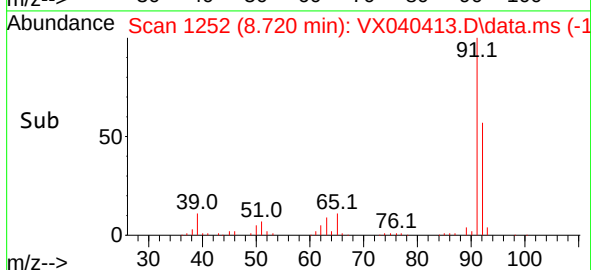
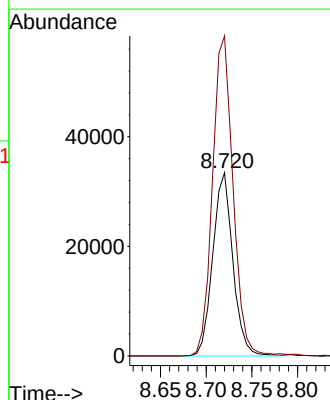
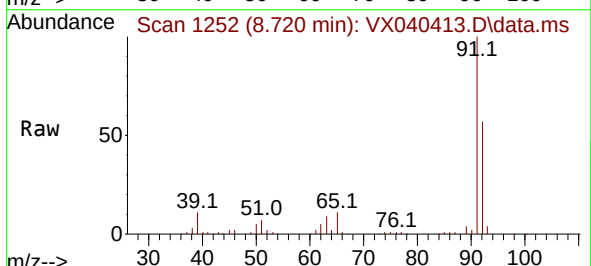
Acq: 22 Feb 2024 22:19

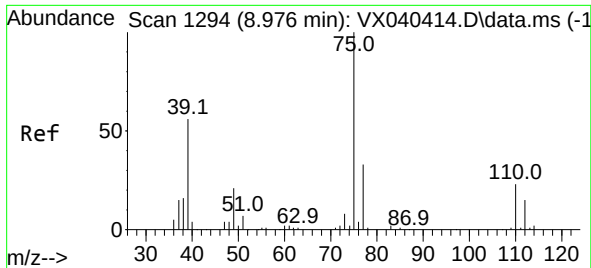
Tgt Ion: 92 Resp: 51073

Ion Ratio Lower Upper

92 100

91 178.9 134.2 201.2





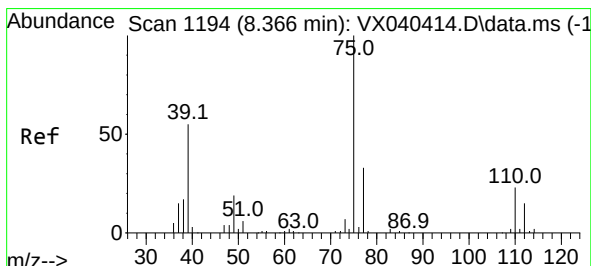
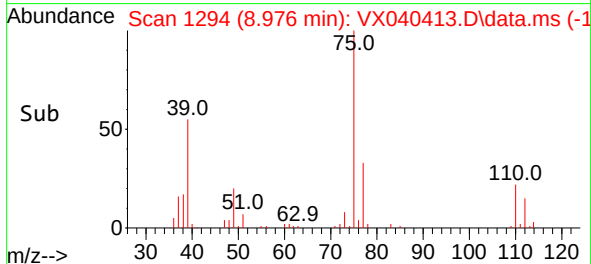
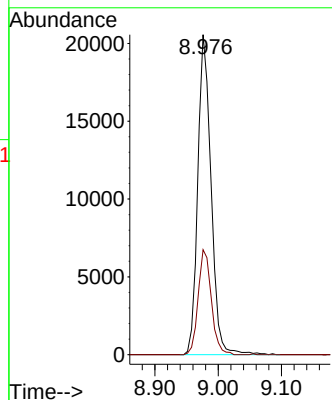
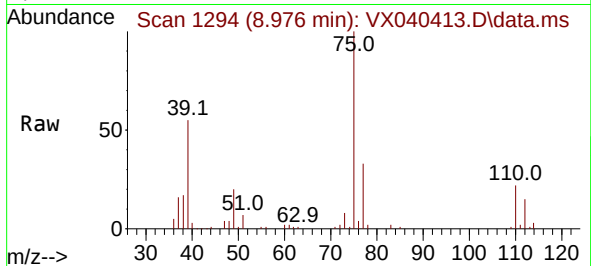
#53
 t-1,3-Dichloropropene
 Concen: 19.594 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX040413.D
 Acq: 22 Feb 2024 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 30108
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5

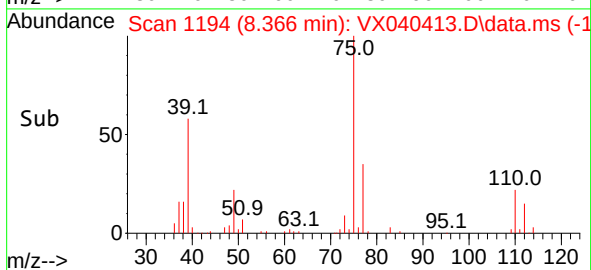
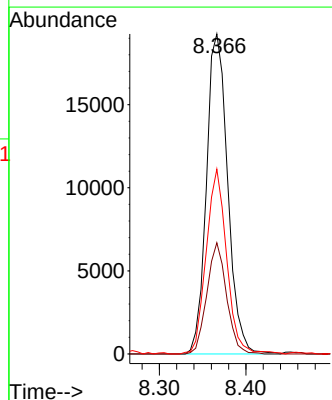
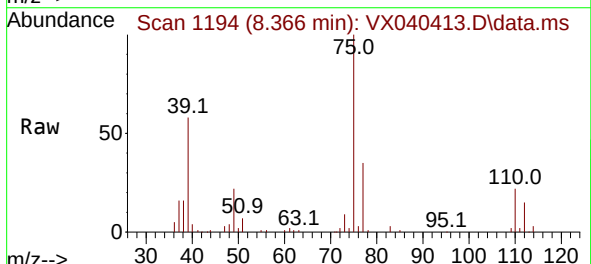
Manual Integrations
 APPROVED

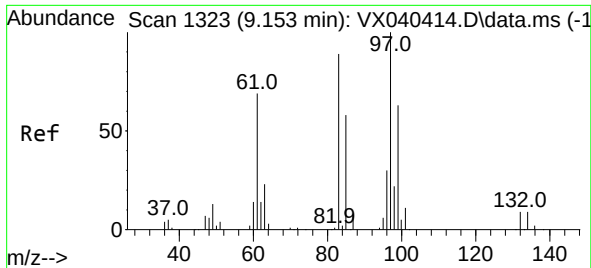
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.050 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040413.D
 Acq: 22 Feb 2024 22:19

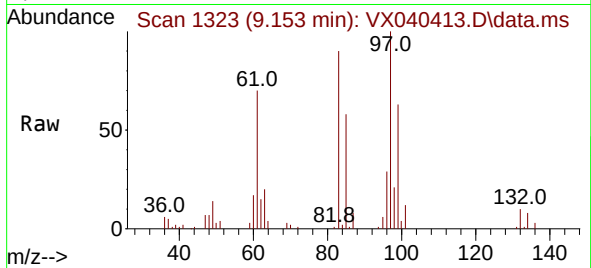
Tgt Ion: 75 Resp: 32819
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.3 37.9
 39 57.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.497 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

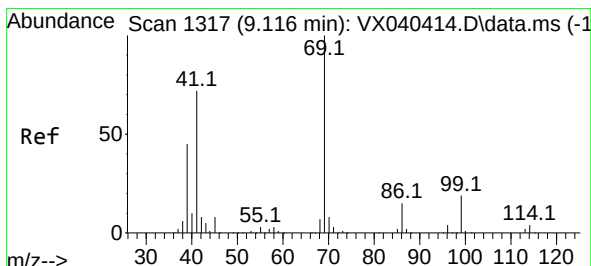
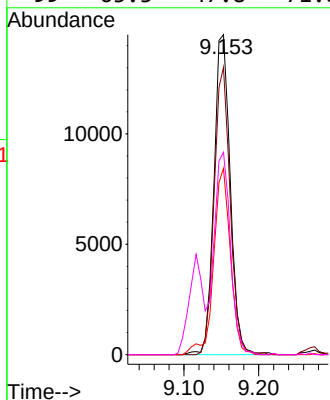
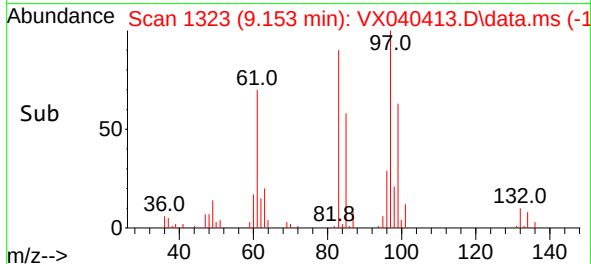
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



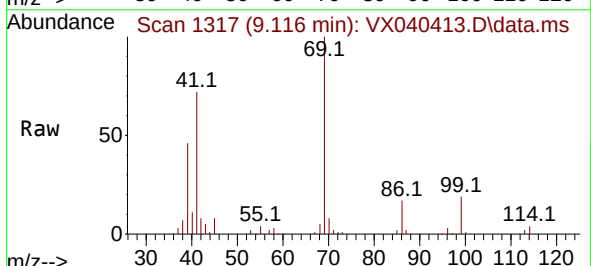
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	65.8	98.8
85	58.2	41.6	62.4
99	63.3	47.8	71.8

Manual Integrations
APPROVED

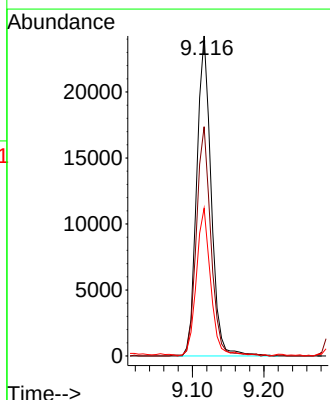
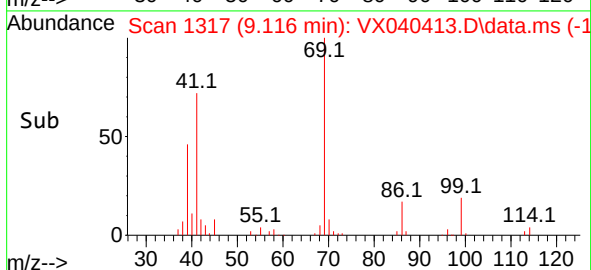
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

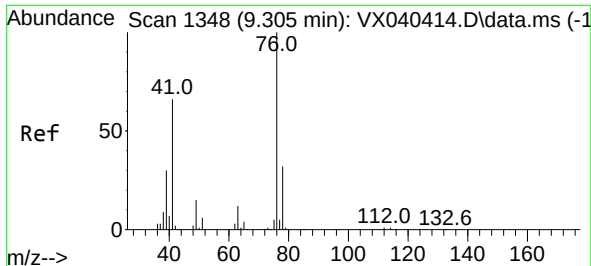


#56
Ethyl methacrylate
Concen: 20.629 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.8	85.2
39	46.4	32.0	48.0





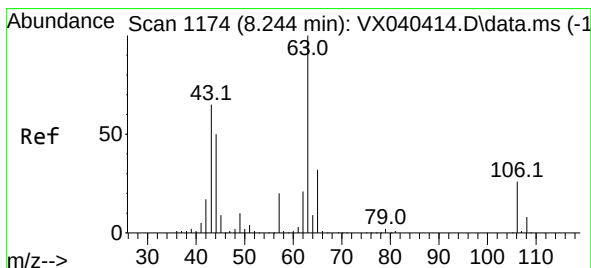
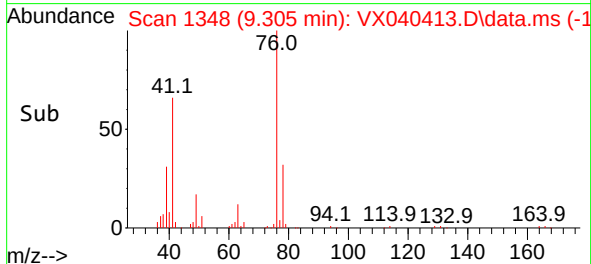
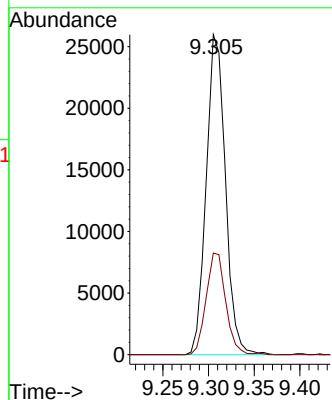
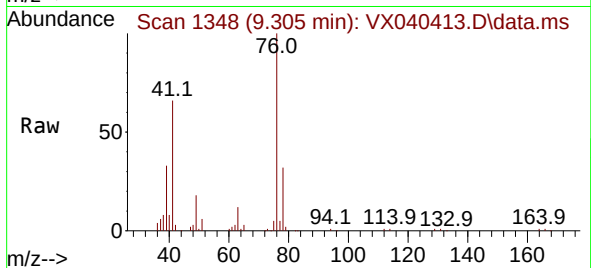
#57
1,3-Dichloropropane
Concen: 20.301 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 37950
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

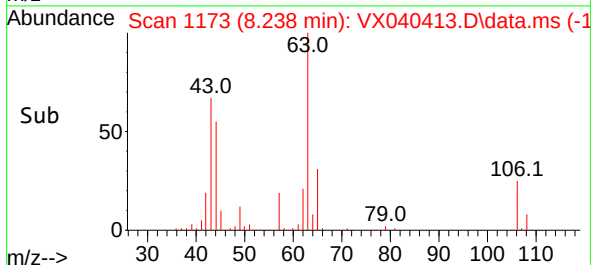
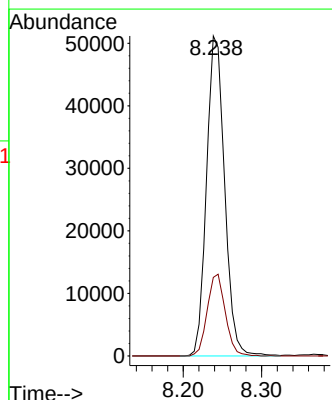
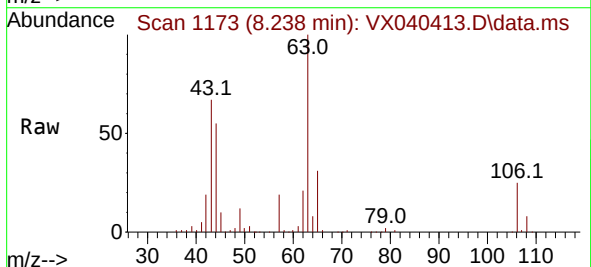
Manual Integrations
APPROVED

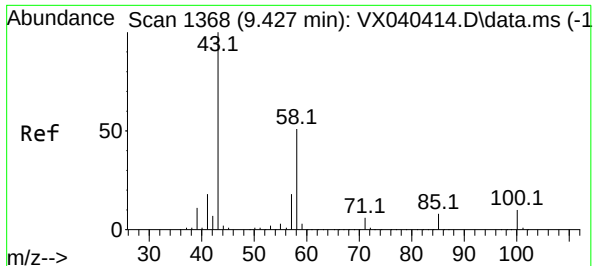
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 99.658 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

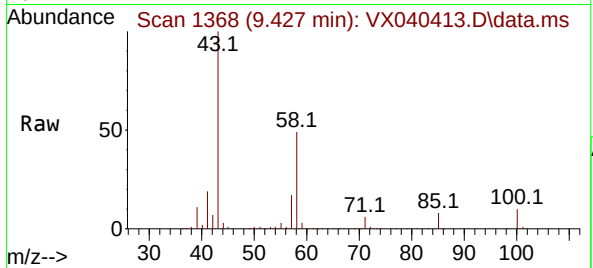
Tgt Ion: 63 Resp: 81945
Ion Ratio Lower Upper
63 100
106 25.5 22.5 33.7





#59
2-Hexanone
Concen: 107.348 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

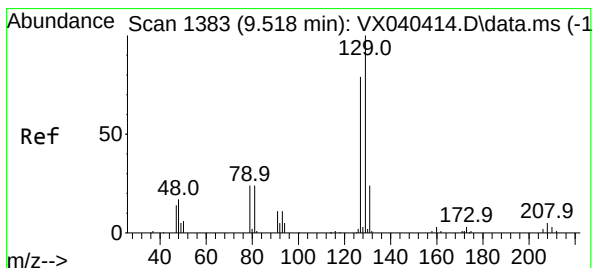
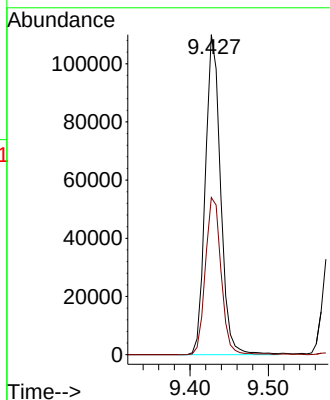
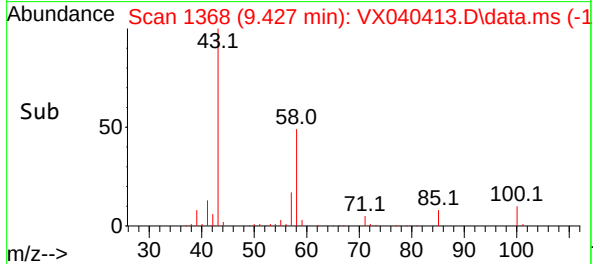
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 148204
Ion Ratio Lower Upper
43 100
58 50.6 26.2 78.5

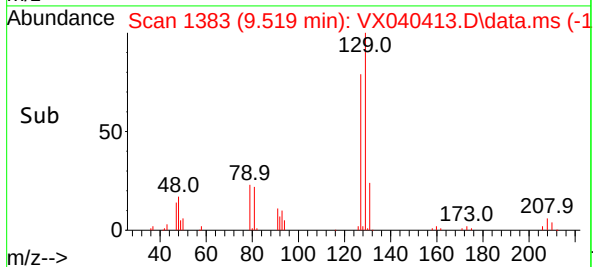
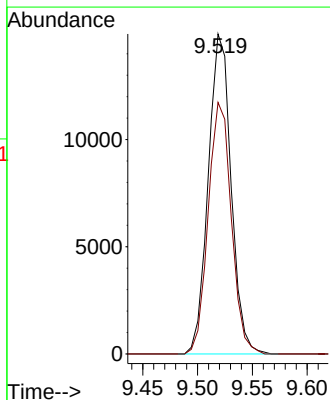
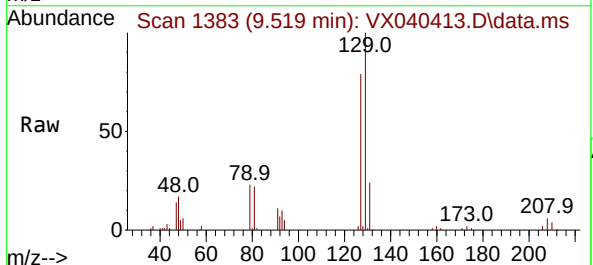
Manual Integrations
APPROVED

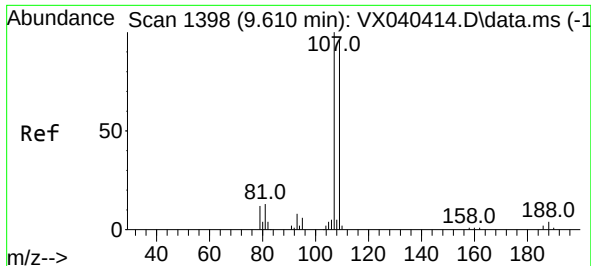
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 20.085 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion:129 Resp: 21615
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.101 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

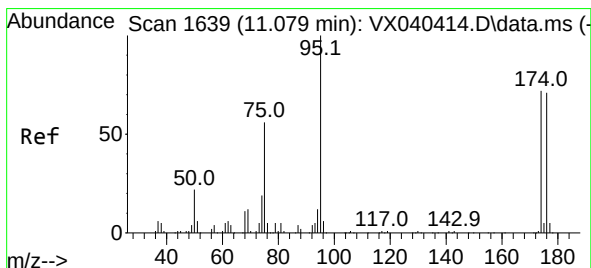
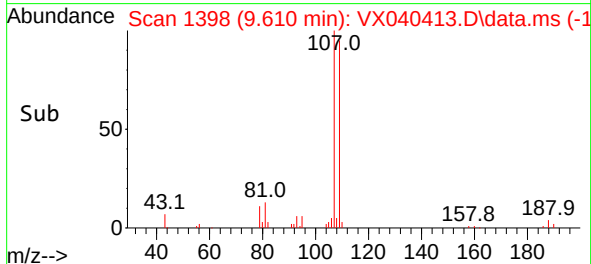
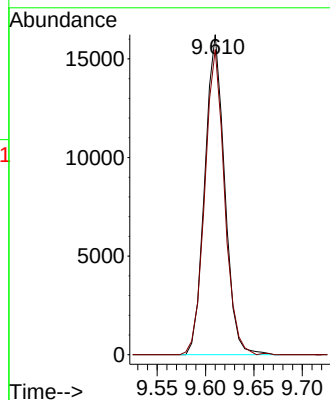
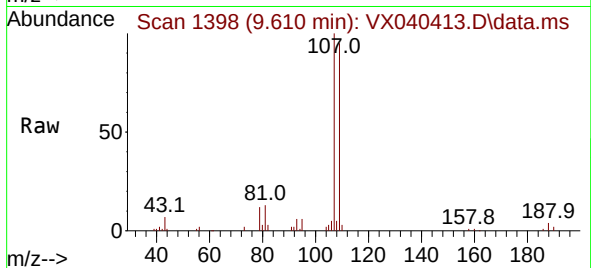
Tgt Ion:107 Resp: 2318
Ion Ratio Lower Upper
107 100
109 95.2 75.2 112.8

Manual Integrations

APPROVED

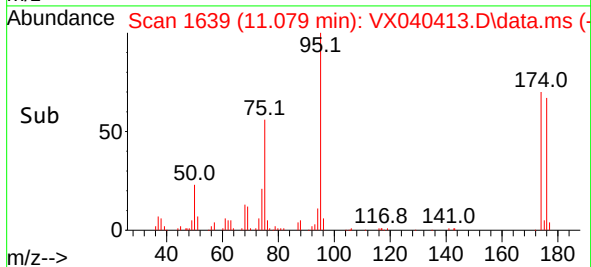
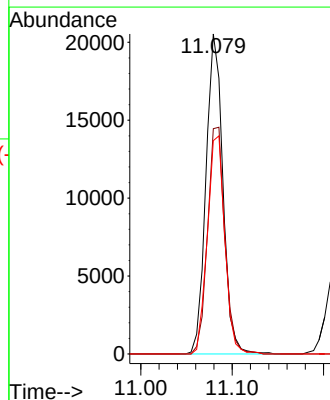
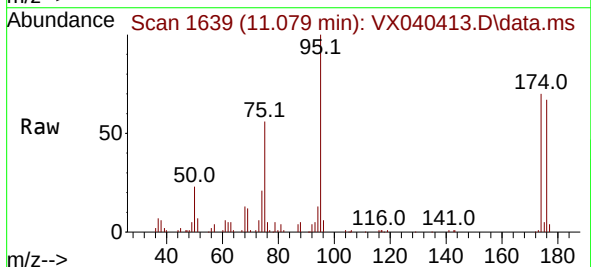
Reviewed By :John Carlone 02/23/2024

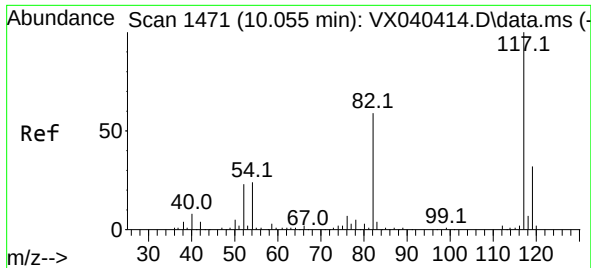
Supervised By :Mahesh Dadoda 02/23/2024



#62
4-Bromofluorobenzene
Concen: 18.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

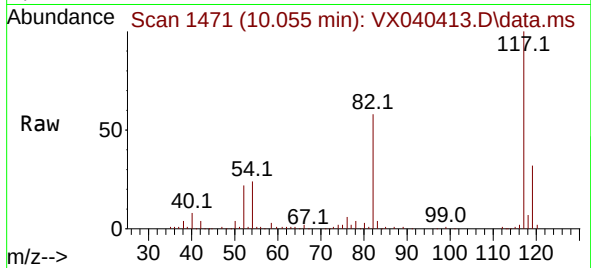
Tgt Ion: 95 Resp: 26340
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 70.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

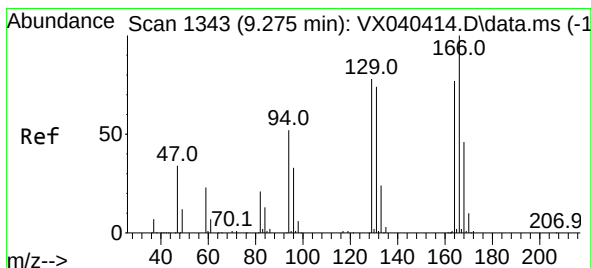
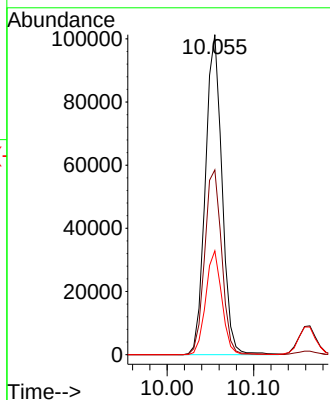
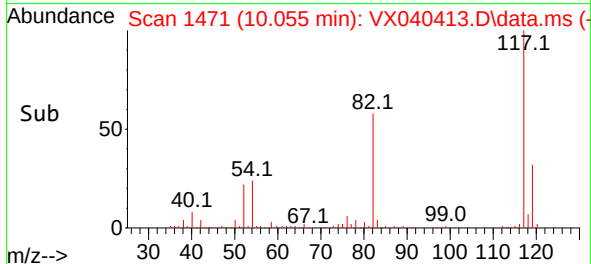
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 13516
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.5 25.5 38.3

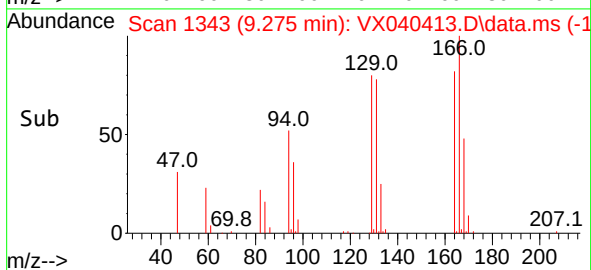
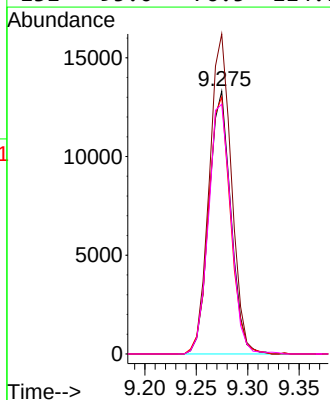
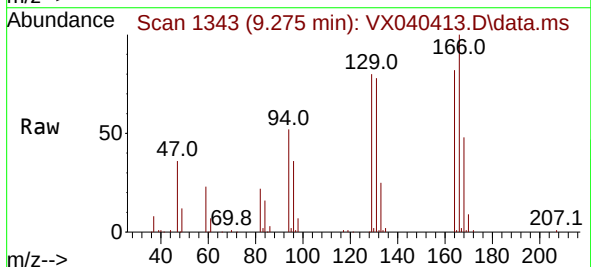
Manual Integrations
APPROVED

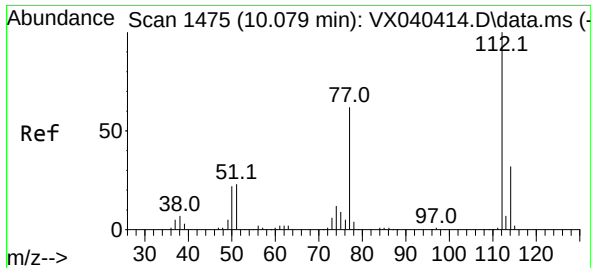
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#64
Tetrachloroethene
Concen: 19.891 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion:164 Resp: 19679
Ion Ratio Lower Upper
164 100
166 121.8 102.7 154.1
129 97.8 80.4 120.6
131 95.0 76.5 114.7





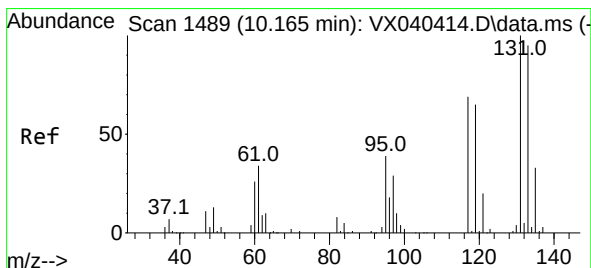
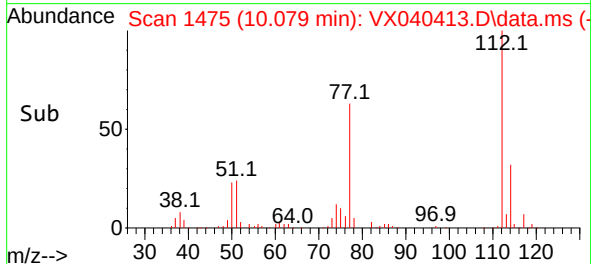
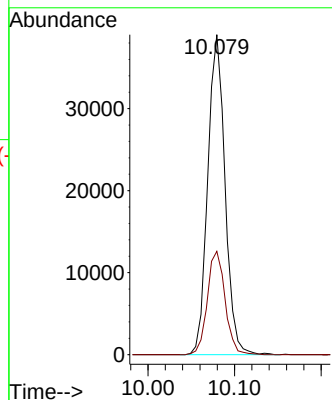
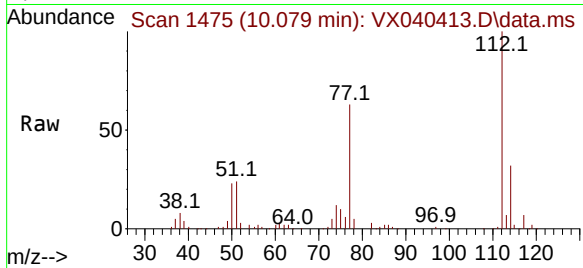
#65
Chlorobenzene
Concen: 19.849 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 5403
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

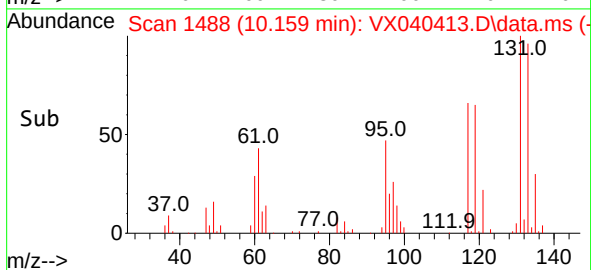
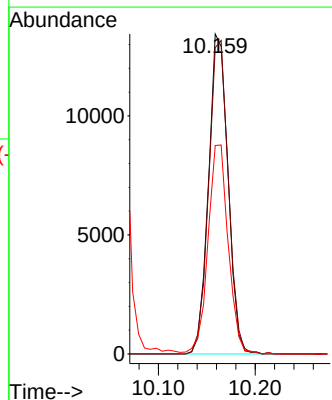
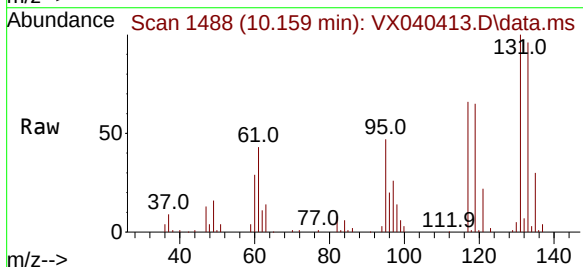
Manual Integrations
APPROVED

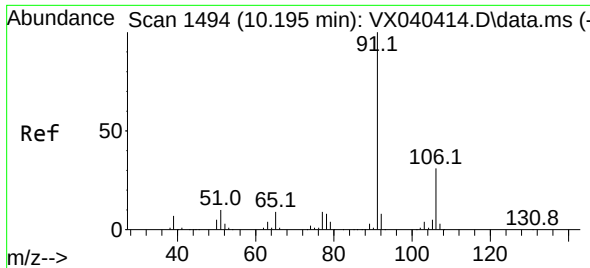
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.795 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion:131 Resp: 18844
Ion Ratio Lower Upper
131 100
133 98.8 47.1 141.4
119 67.9 32.2 96.6





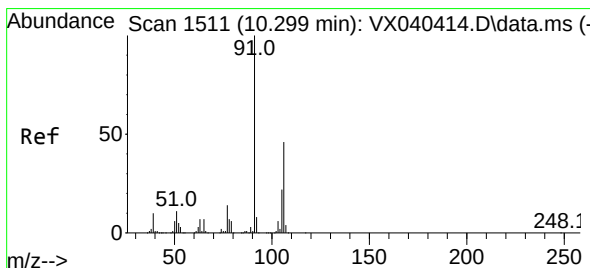
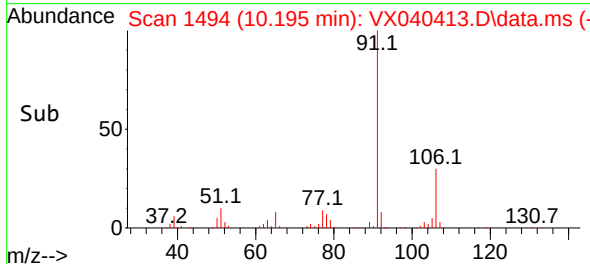
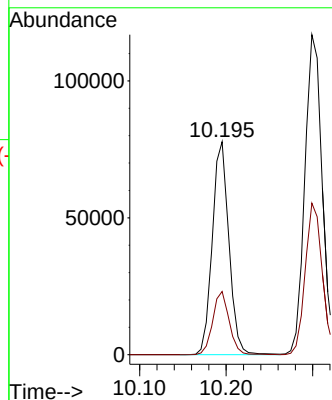
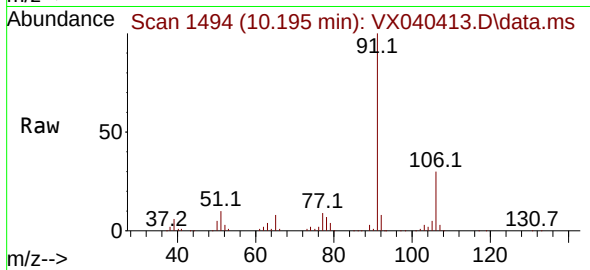
#67
Ethyl Benzene
Concen: 20.292 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 103619
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

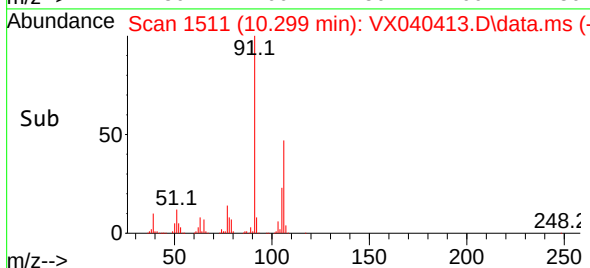
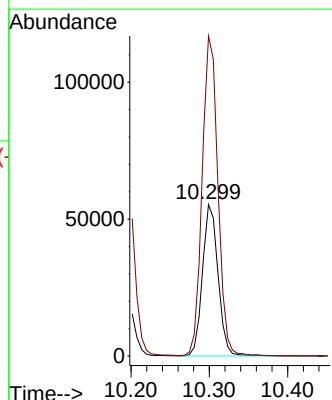
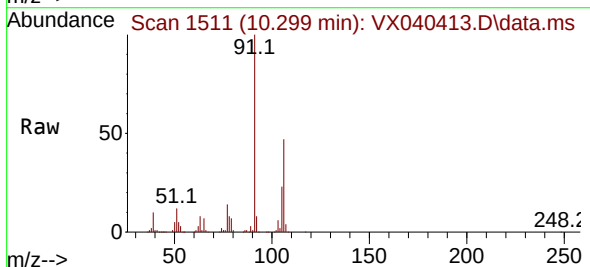
Manual Integrations
APPROVED

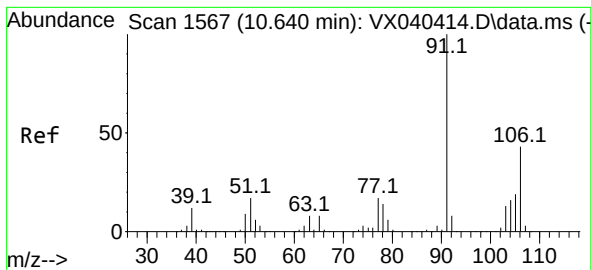
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#68
m/p-Xylenes
Concen: 40.871 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion:106 Resp: 76104
Ion Ratio Lower Upper
106 100
91 214.3 165.5 248.3





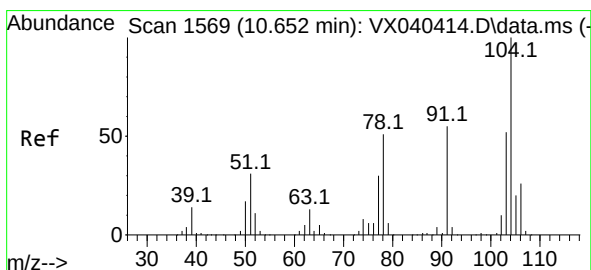
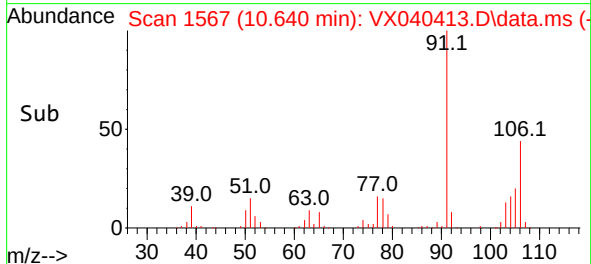
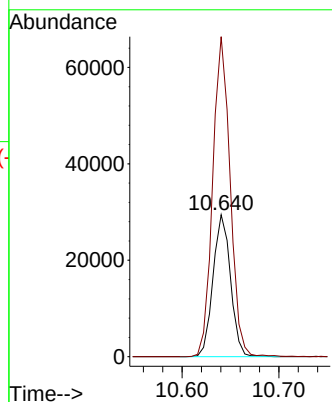
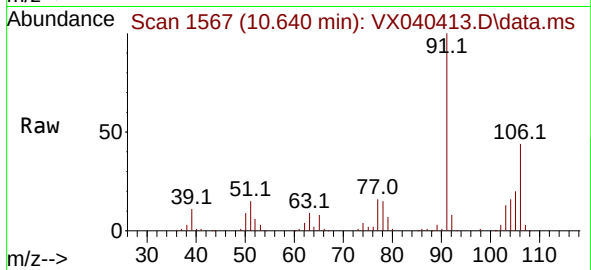
#69
o-Xylene
Concen: 20.123 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 3703
Ion Ratio Lower Upper
106 100
91 225.3 108.9 326.8

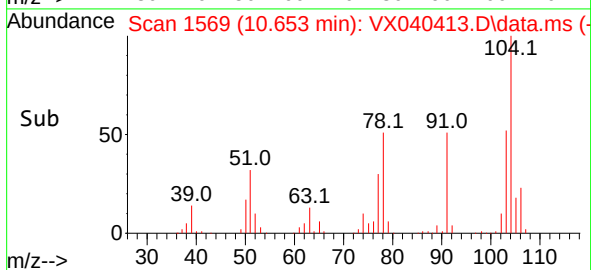
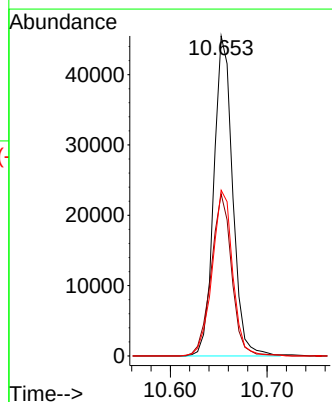
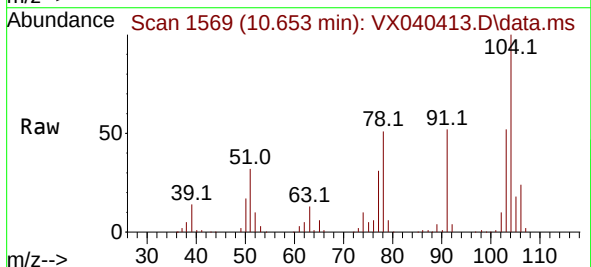
Manual Integrations
APPROVED

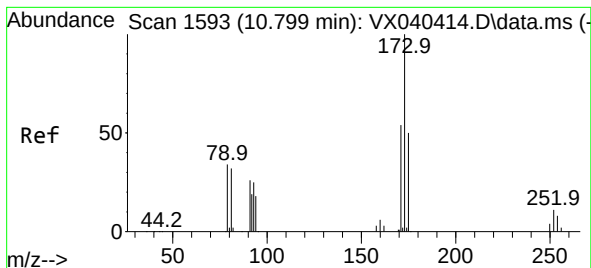
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 20.249 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

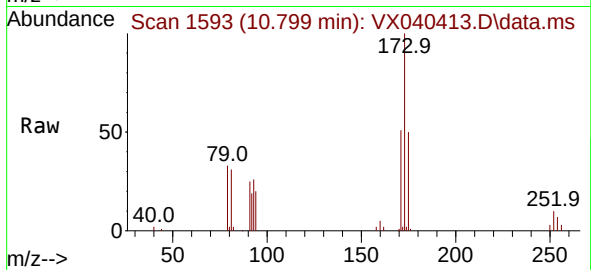
Tgt Ion:104 Resp: 61436
Ion Ratio Lower Upper
104 100
78 55.3 43.6 65.4
103 56.4 43.6 65.4





#71
Bromoform
Concen: 19.141 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

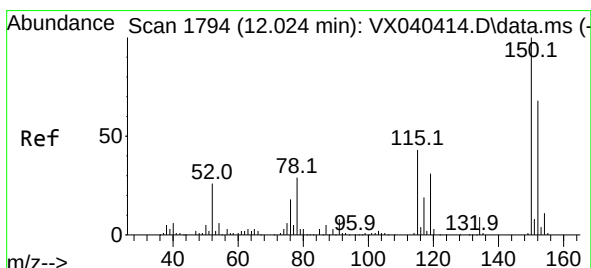
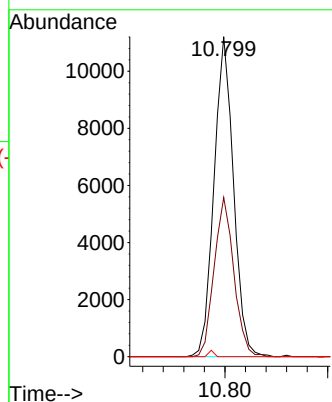
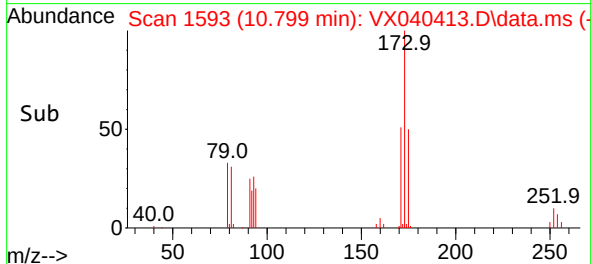
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



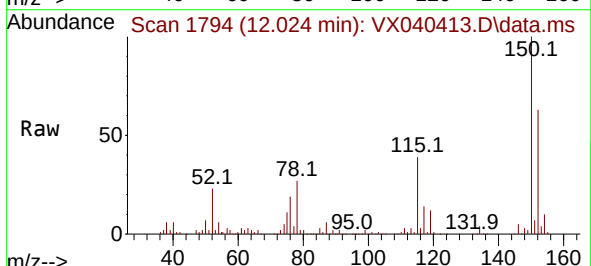
Tgt Ion:173 Resp: 1473
Ion Ratio Lower Upper
173 100
175 50.3 24.1 72.4
254 0.6 0.0 0.0

Manual Integrations
APPROVED

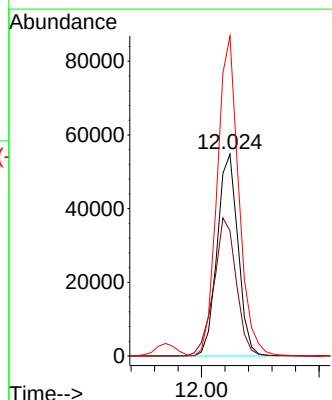
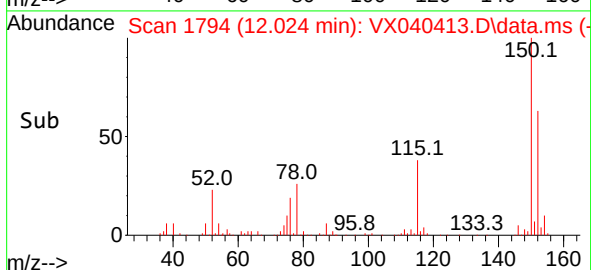
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

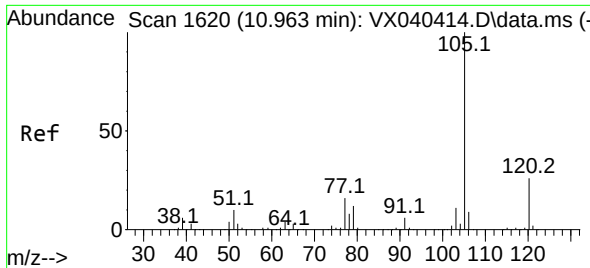


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19



Tgt Ion:152 Resp: 67484
Ion Ratio Lower Upper
152 100
115 73.6 43.3 129.9
150 163.8 0.0 345.0





#73
Isopropylbenzene
Concen: 20.501 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

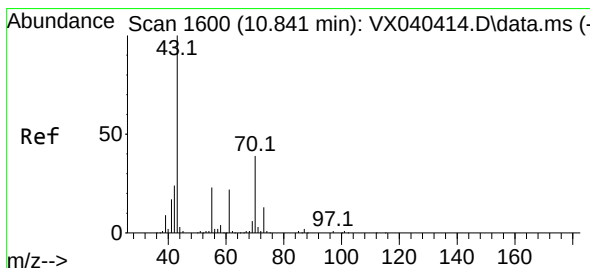
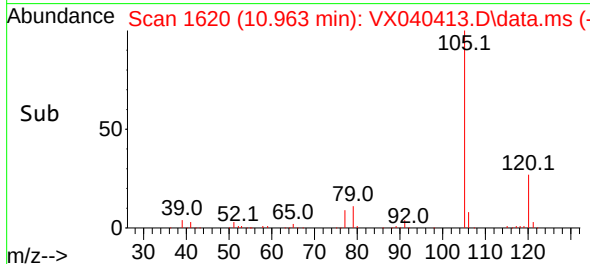
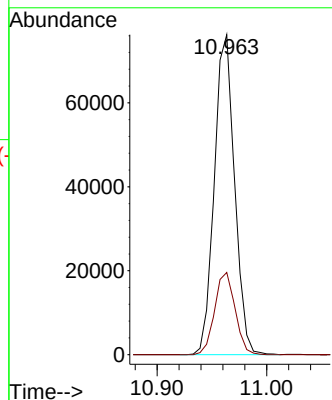
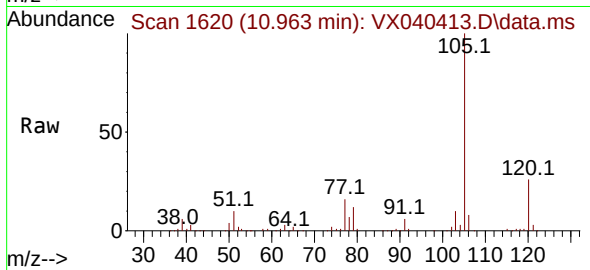
Tgt Ion:105 Resp: 97892
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

Manual Integrations

APPROVED

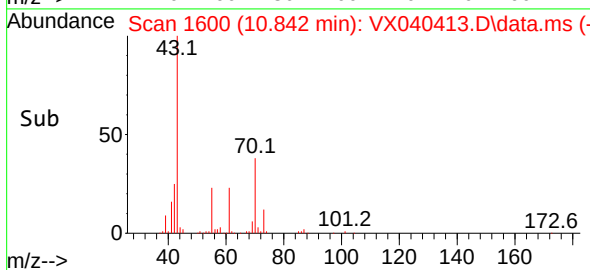
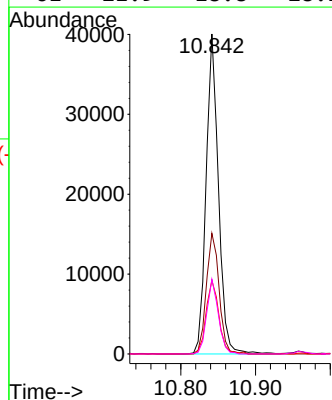
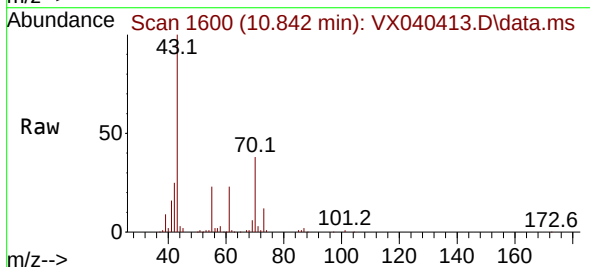
Reviewed By :John Carlone 02/23/2024

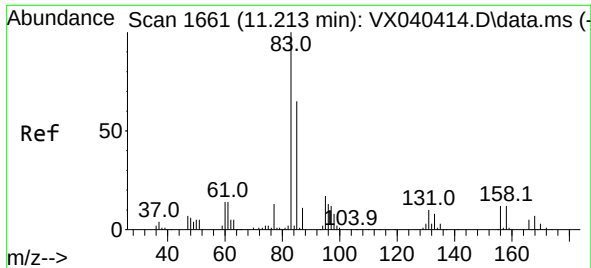
Supervised By :Mahesh Dadoda 02/23/2024



#74
N-ethyl acetate
Concen: 20.713 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 43 Resp: 45887
Ion Ratio Lower Upper
43 100
70 39.1 32.9 49.3
55 23.9 19.3 28.9
61 21.9 18.8 28.2





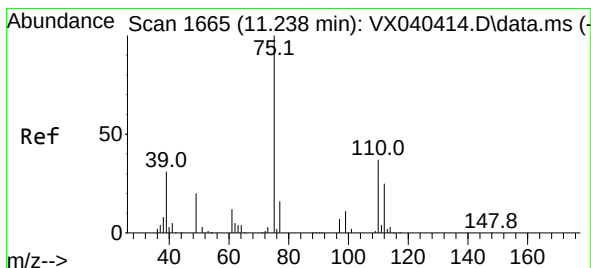
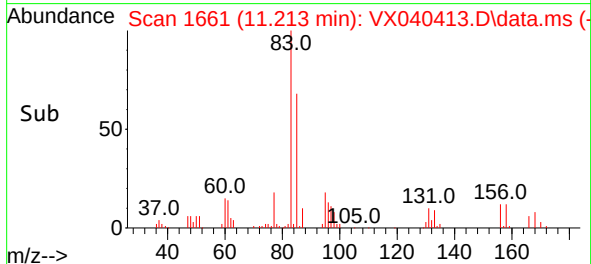
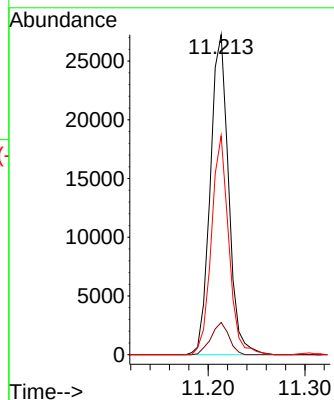
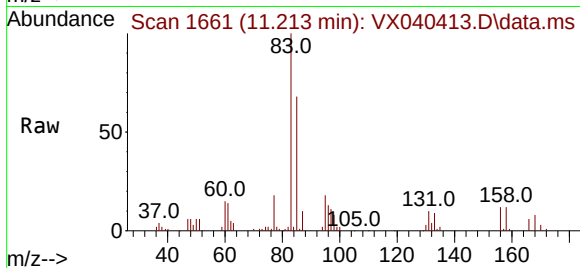
#75
1,1,2,2-Tetrachloroethane
Concen: 21.002 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 35849
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 65.0 32.0 96.2

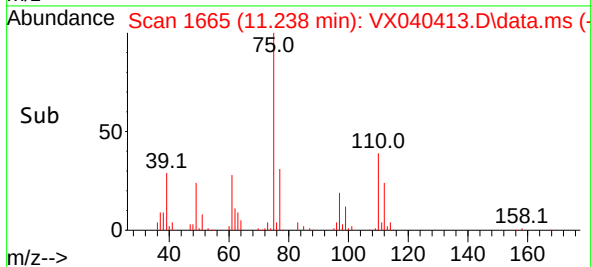
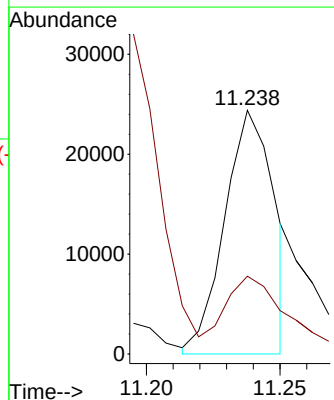
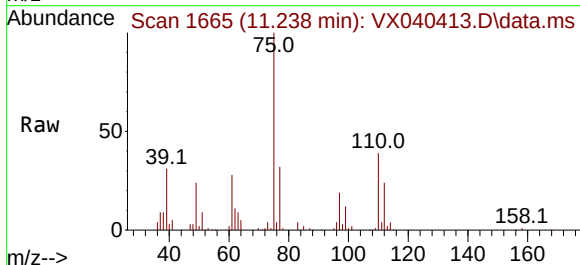
Manual Integrations
APPROVED

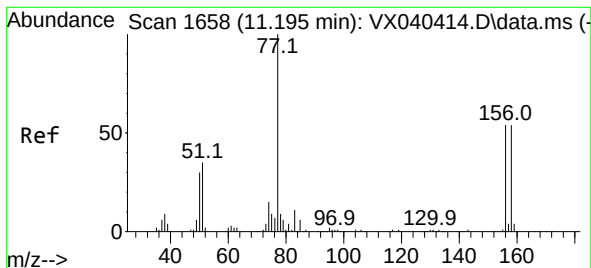
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#76
1,2,3-Trichloropropane
Concen: 20.914 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 75 Resp: 31383
Ion Ratio Lower Upper
75 100
77 41.1 19.1 57.5





#77

Bromobenzene

Concen: 19.891 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

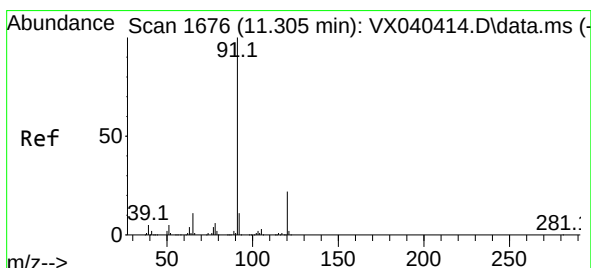
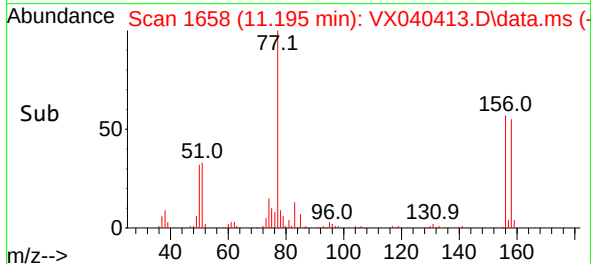
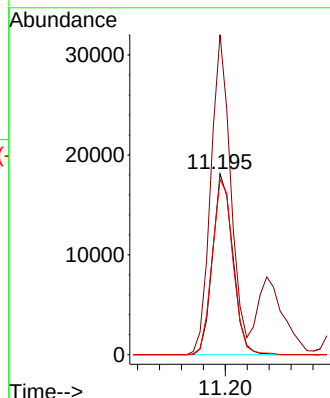
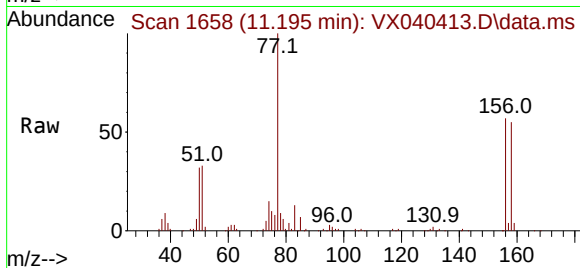
Tgt Ion:	156	Resp:	2320
Ion Ratio	Lower	Upper	
156	100		
77	174.1	88.4	265.3
158	99.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#78

n-propylbenzene

Concen: 20.538 ug/l

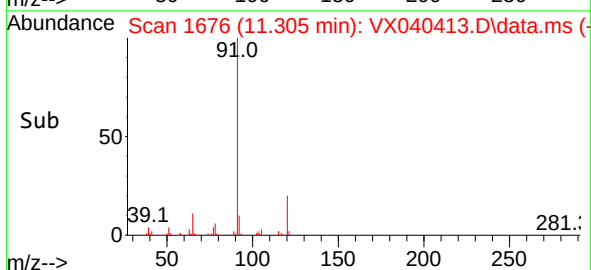
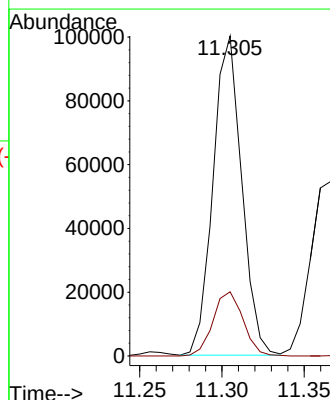
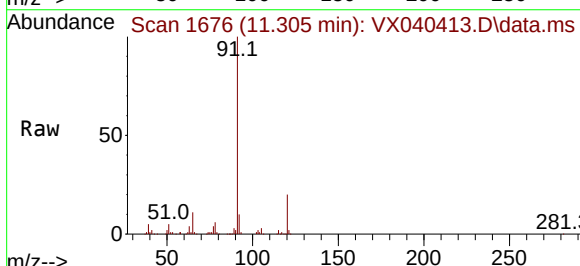
RT: 11.305 min Scan# 1676

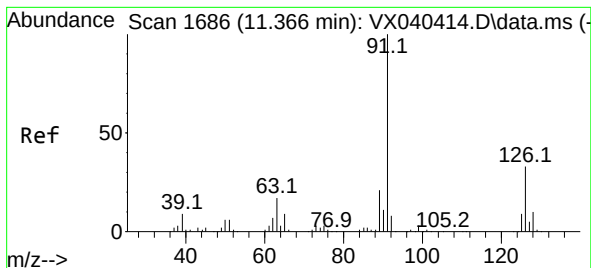
Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Tgt Ion:	91	Resp:	121132
Ion Ratio	Lower	Upper	
91	100		
120	21.1	11.5	34.4





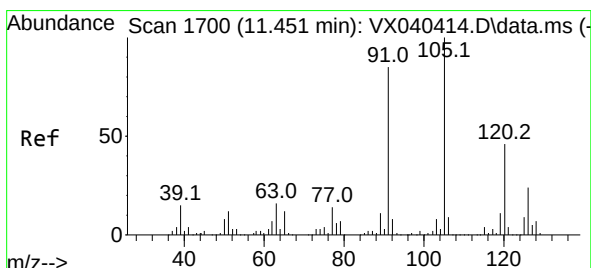
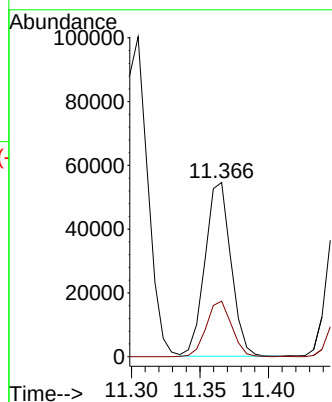
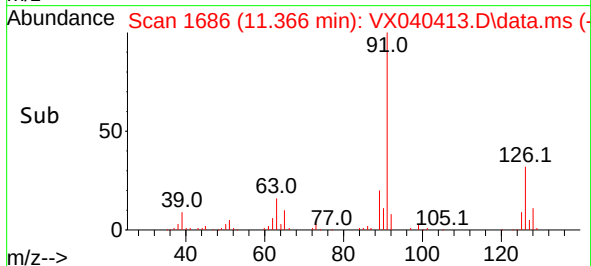
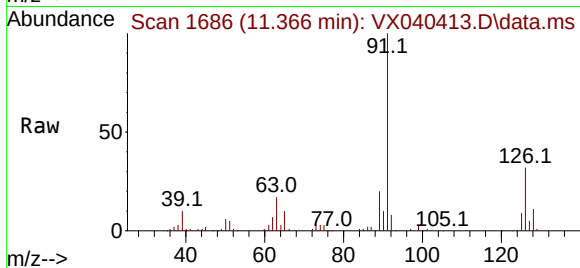
#79
2-Chlorotoluene
Concen: 20.419 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 71870
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

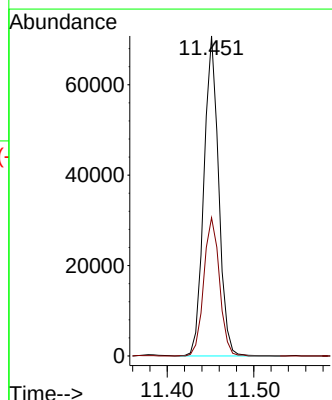
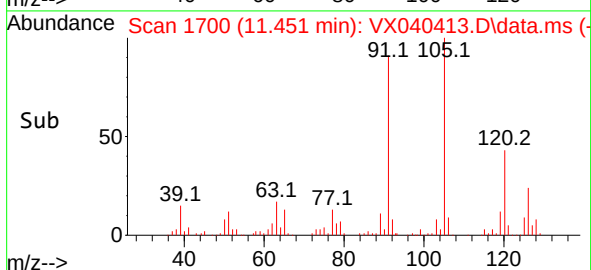
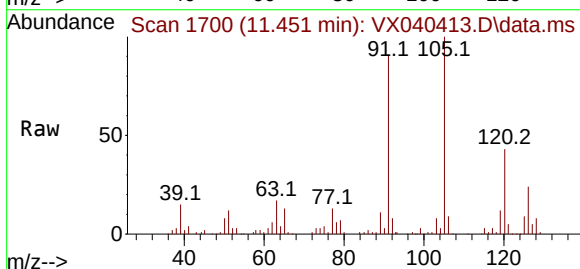
Manual Integrations
APPROVED

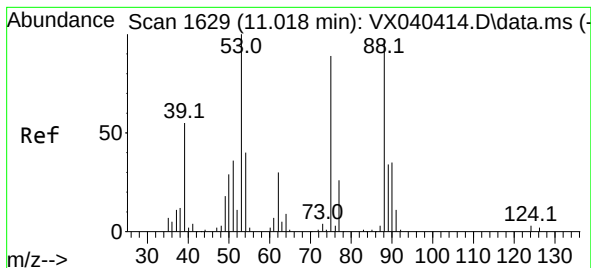
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion:105 Resp: 83723
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





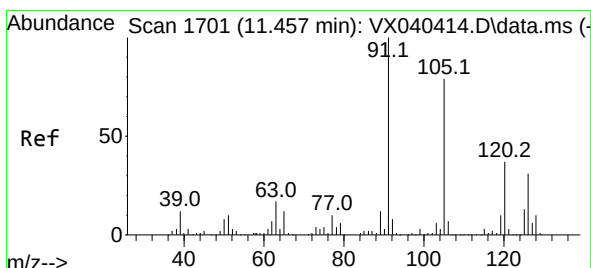
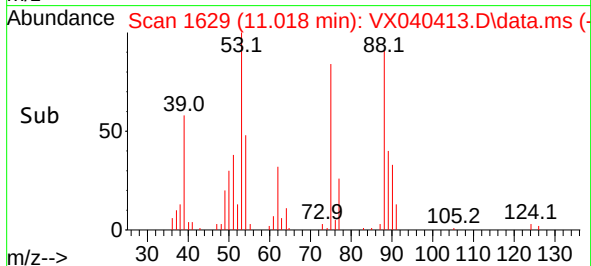
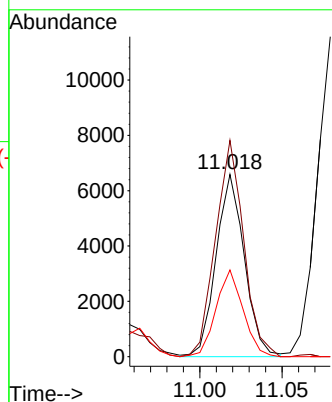
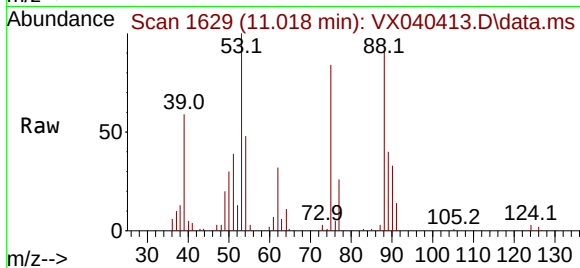
#81
trans-1,4-Dichloro-2-butene
Concen: 18.261 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 7875
Ion Ratio Lower Upper
75 100
53 118.1 90.5 135.7
89 45.6 36.9 55.3

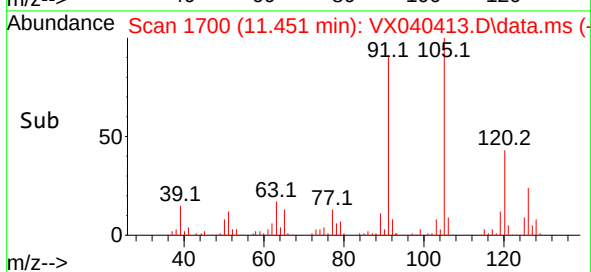
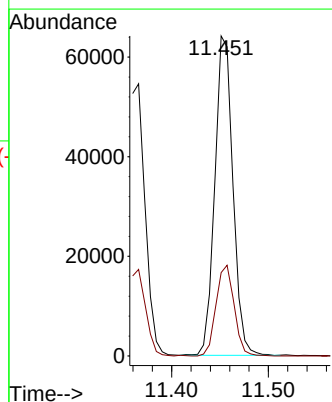
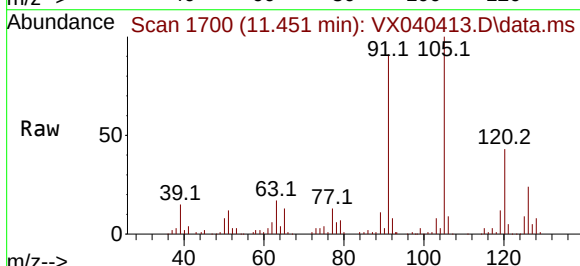
Manual Integrations
APPROVED

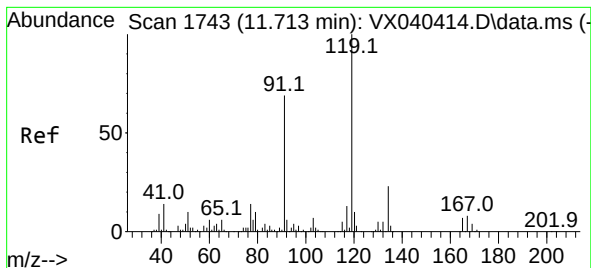
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#82
4-Chlorotoluene
Concen: 20.200 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion: 91 Resp: 83335
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.498 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

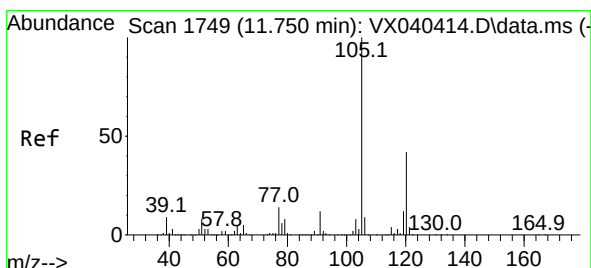
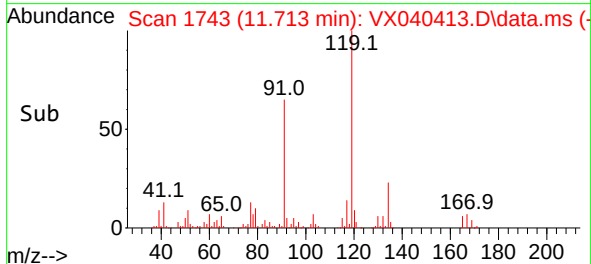
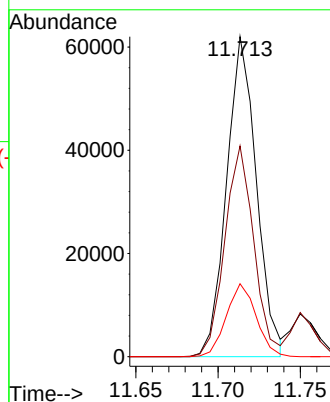
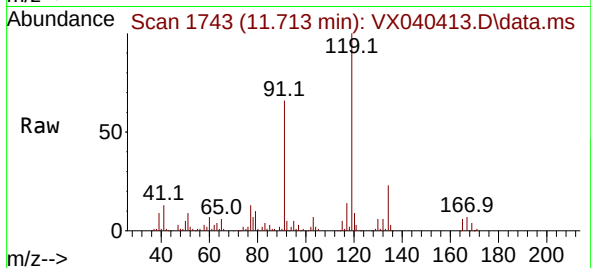
Tgt Ion:	119	Resp:	7837
Ion	Ratio	Lower	Upper
119	100		
91	64.3	31.2	93.6
134	22.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.583 ug/l

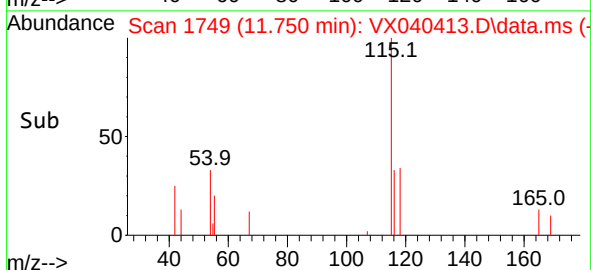
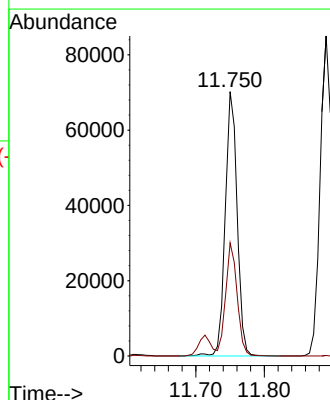
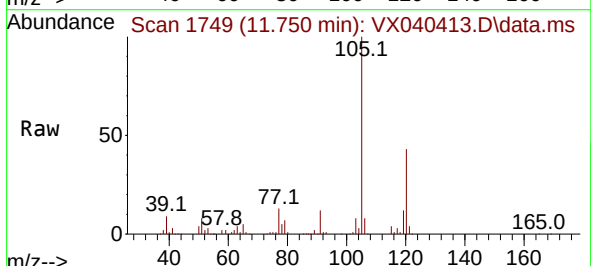
RT: 11.750 min Scan# 1749

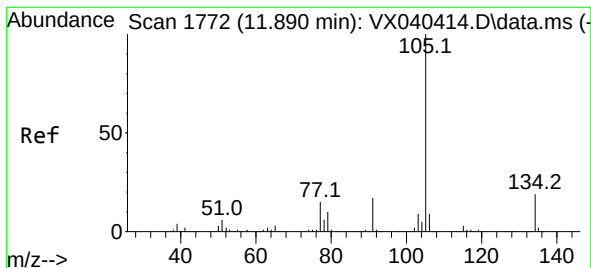
Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Tgt Ion:	105	Resp:	84246
Ion	Ratio	Lower	Upper
105	100		
120	41.2	21.2	63.6





#85

sec-Butylbenzene

Concen: 20.188 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 102762

Ion Ratio Lower Upper

105 100

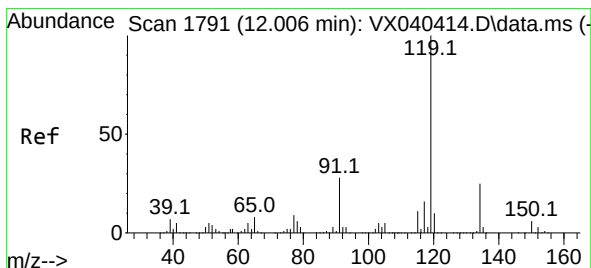
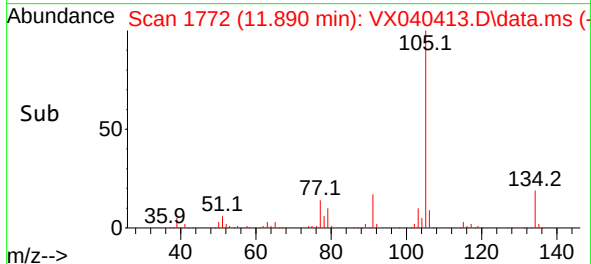
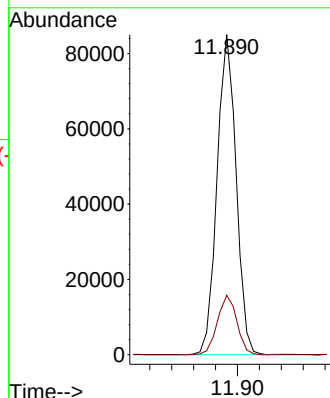
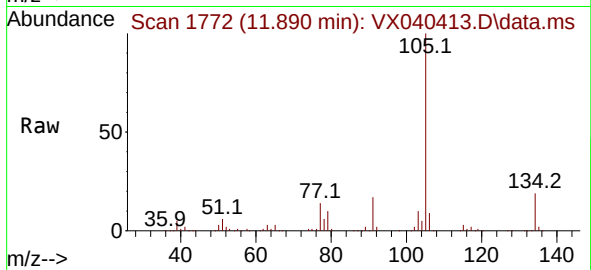
134 18.9 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#86

p-Isopropyltoluene

Concen: 20.440 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

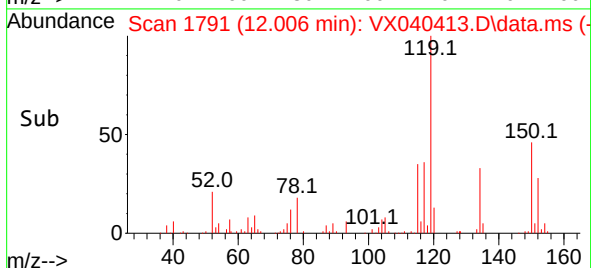
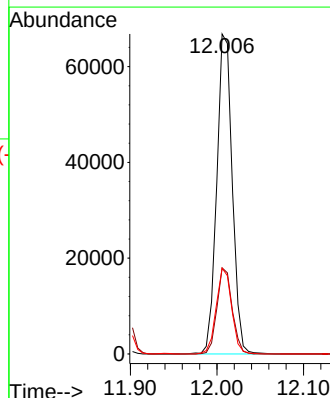
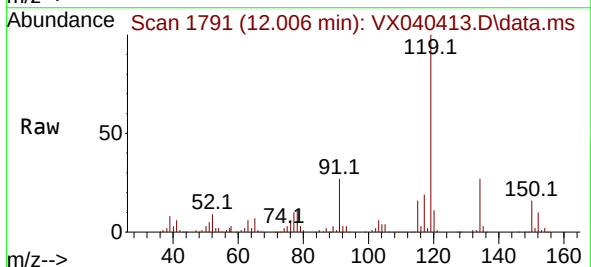
Tgt Ion:119 Resp: 83128

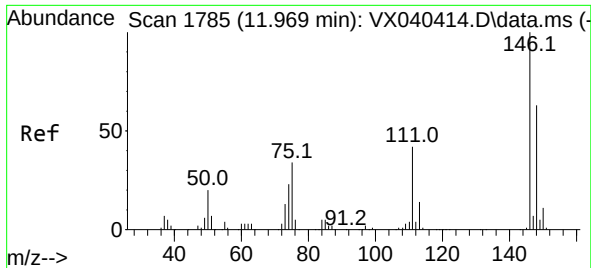
Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.3

91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.166 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 44998

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.1

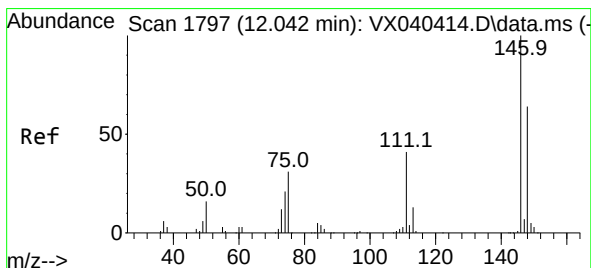
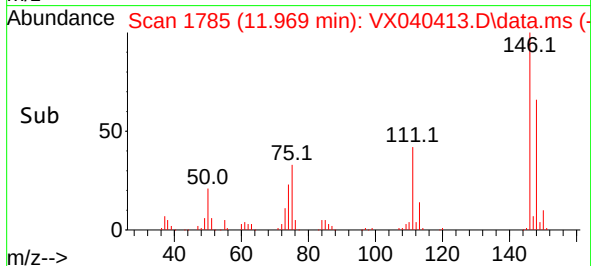
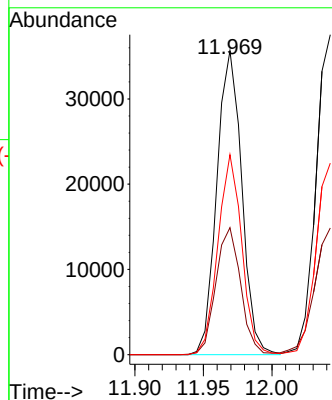
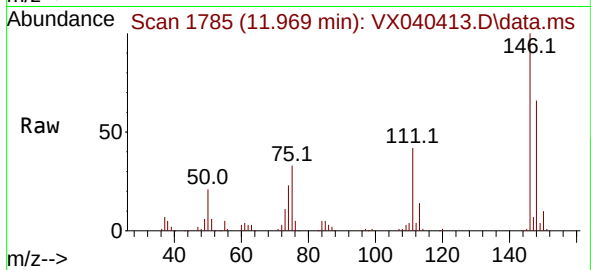
148 63.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#88

1,4-Dichlorobenzene

Concen: 19.837 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

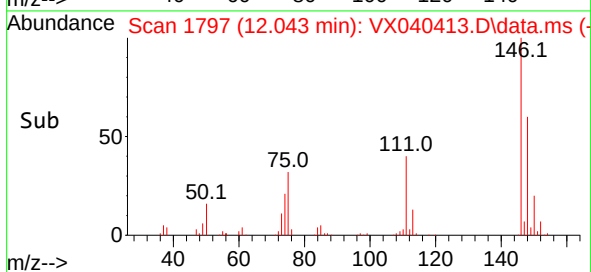
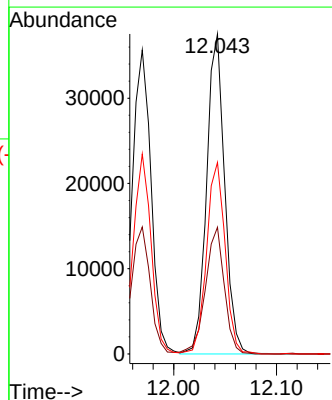
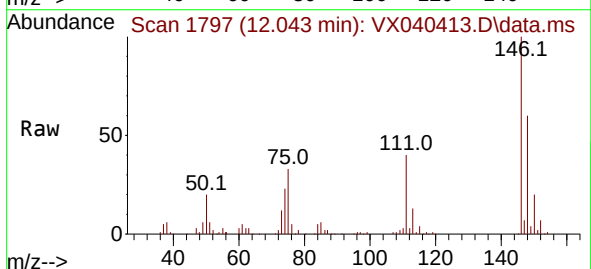
Tgt Ion:146 Resp: 45892

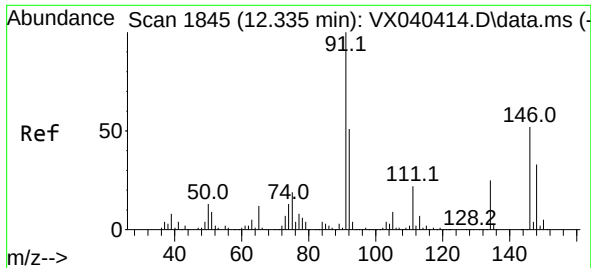
Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

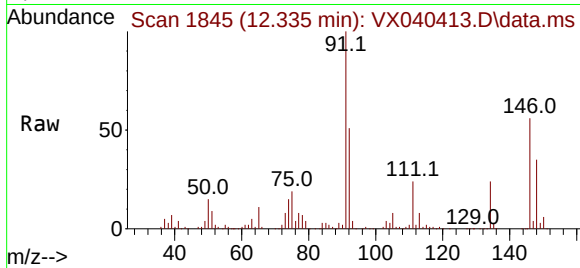
148 61.5 31.8 95.4





#89
n-Butylbenzene
Concen: 19.940 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

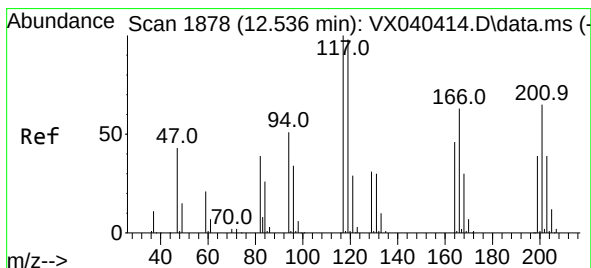
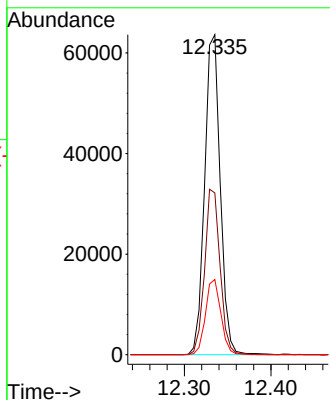
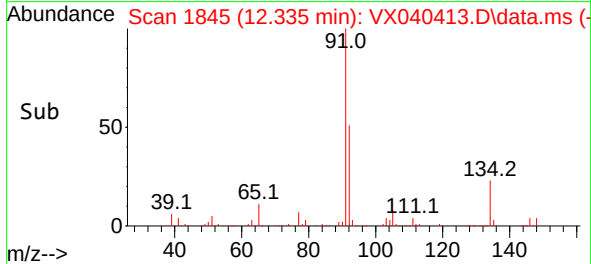
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 79792
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 23.2 12.6 37.8

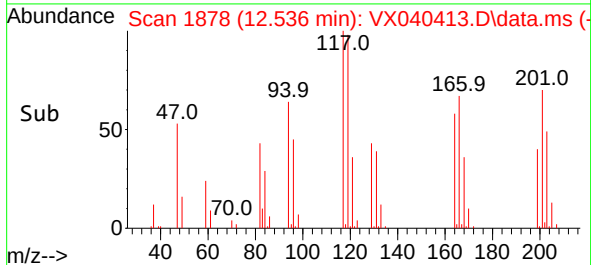
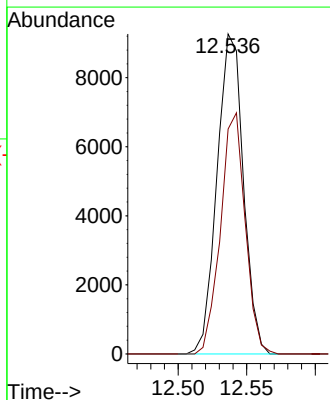
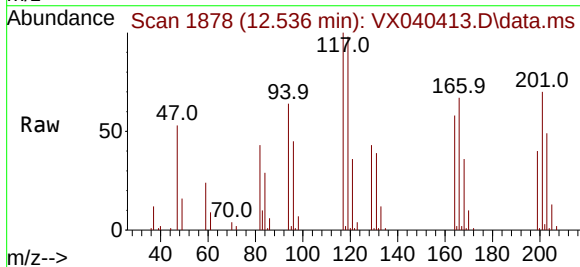
Manual Integrations
APPROVED

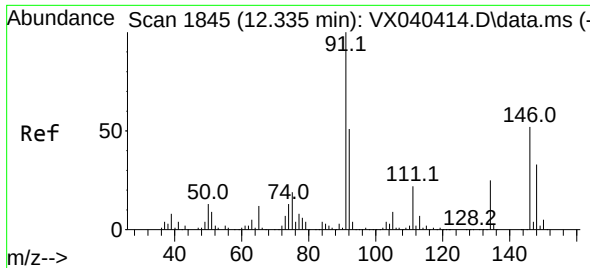
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#90
Hexachloroethane
Concen: 19.032 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

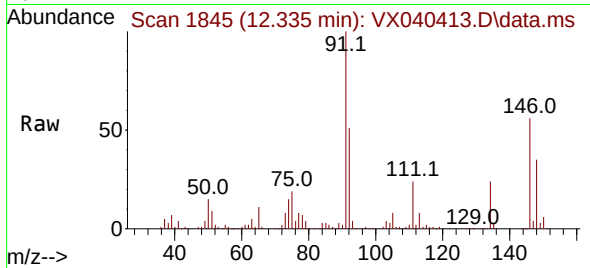
Tgt Ion:117 Resp: 12396
Ion Ratio Lower Upper
117 100
201 70.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.497 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

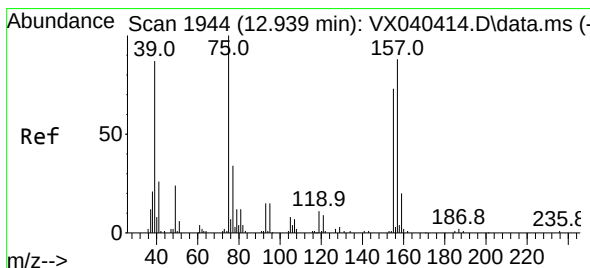
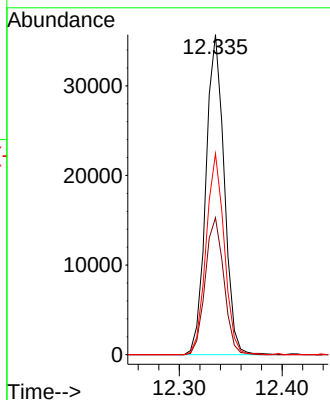
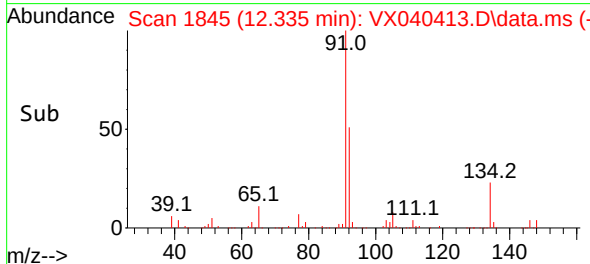
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



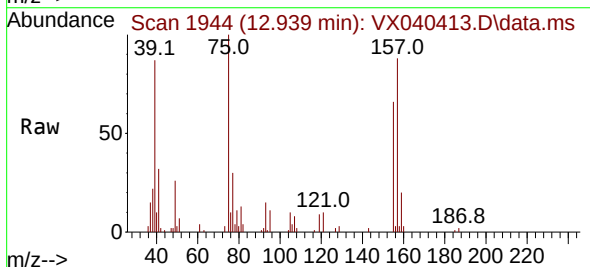
Tgt Ion:146 Resp: 44230
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 62.4 31.6 95.0

Manual Integrations
APPROVED

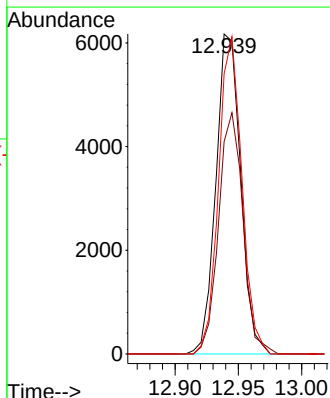
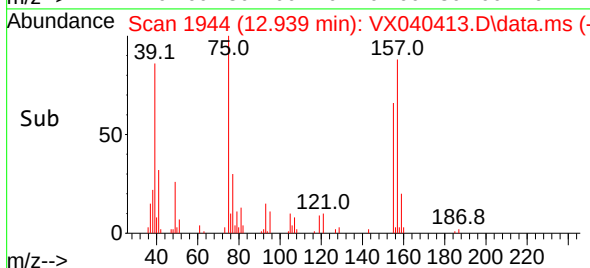
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

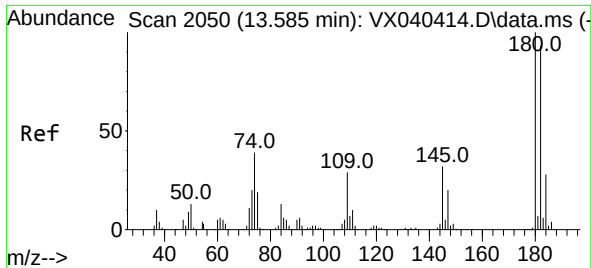


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.529 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19



Tgt Ion: 75 Resp: 8380
Ion Ratio Lower Upper
75 100
155 74.4 36.1 108.5
157 93.4 44.9 134.7





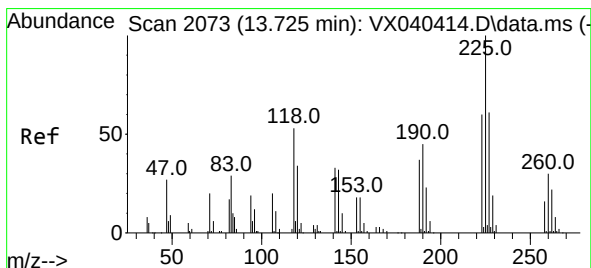
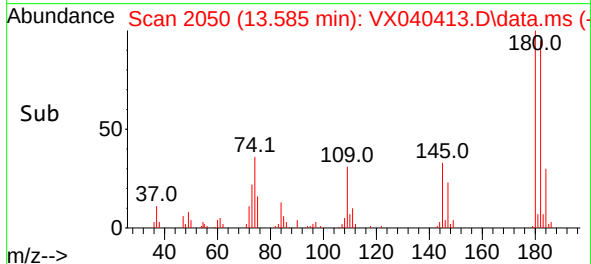
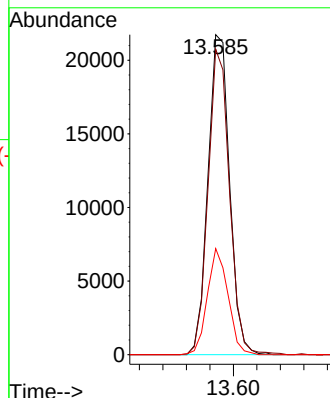
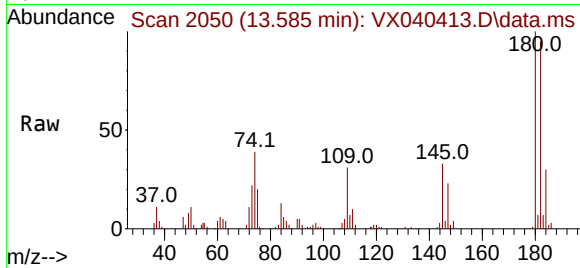
#93
1,2,4-Trichlorobenzene
Concen: 19.995 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 27778
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.8
145 31.7 18.0 54.0

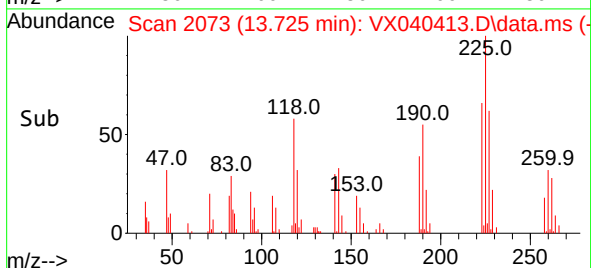
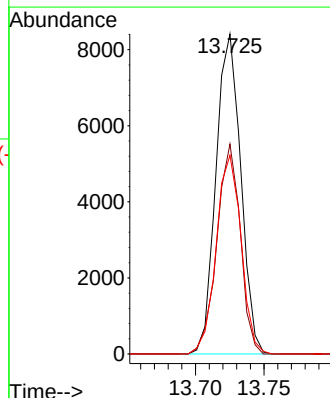
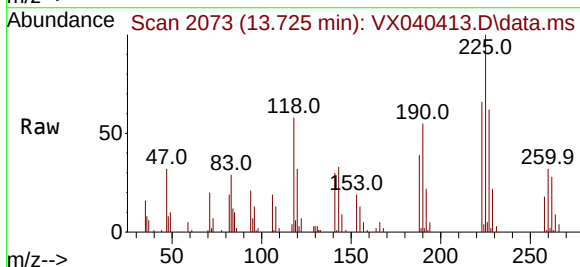
Manual Integrations
APPROVED

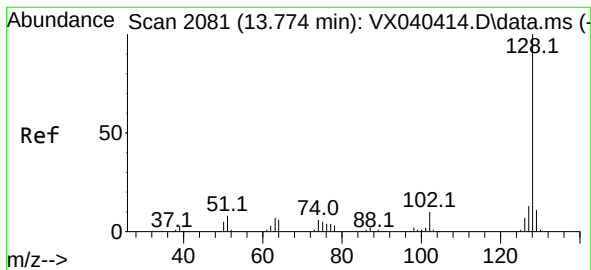
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#94
Hexachlorobutadiene
Concen: 21.018 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040413.D
Acq: 22 Feb 2024 22:19

Tgt Ion:225 Resp: 10575
Ion Ratio Lower Upper
225 100
223 61.8 31.1 93.2
227 62.4 32.5 97.5





#95

Naphthalene

Concen: 20.719 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:128 Resp: 92360

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

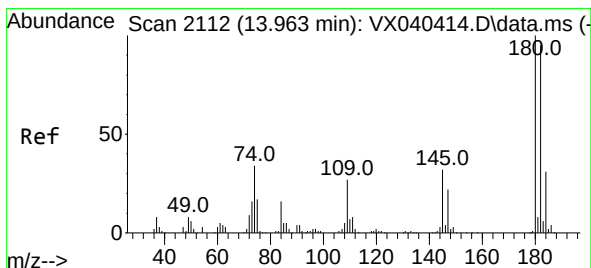
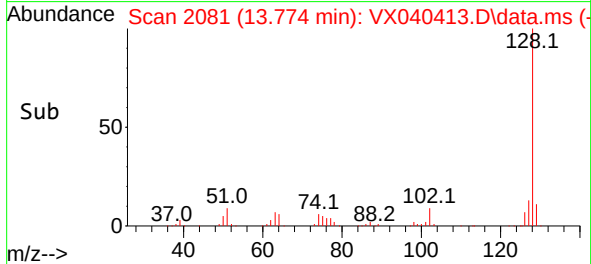
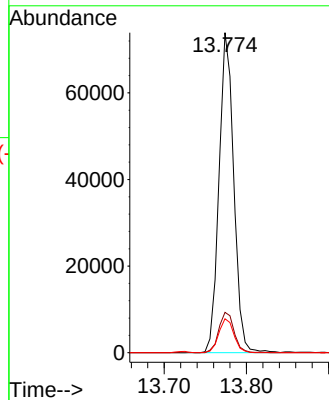
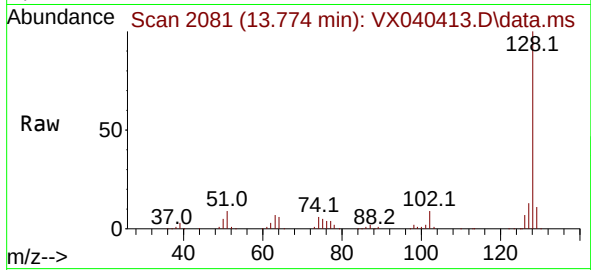
129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.542 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040413.D

Acq: 22 Feb 2024 22:19

Tgt Ion:180 Resp: 27476

Ion Ratio Lower Upper

180 100

182 94.0 46.9 140.6

145 33.9 17.8 53.5

