

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022540.D
 Acq On : 07 Jun 2021 17:40
 Operator : JC/MD
 Sample : M2583-20 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 35-38

Quant Time: Jun 07 18:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

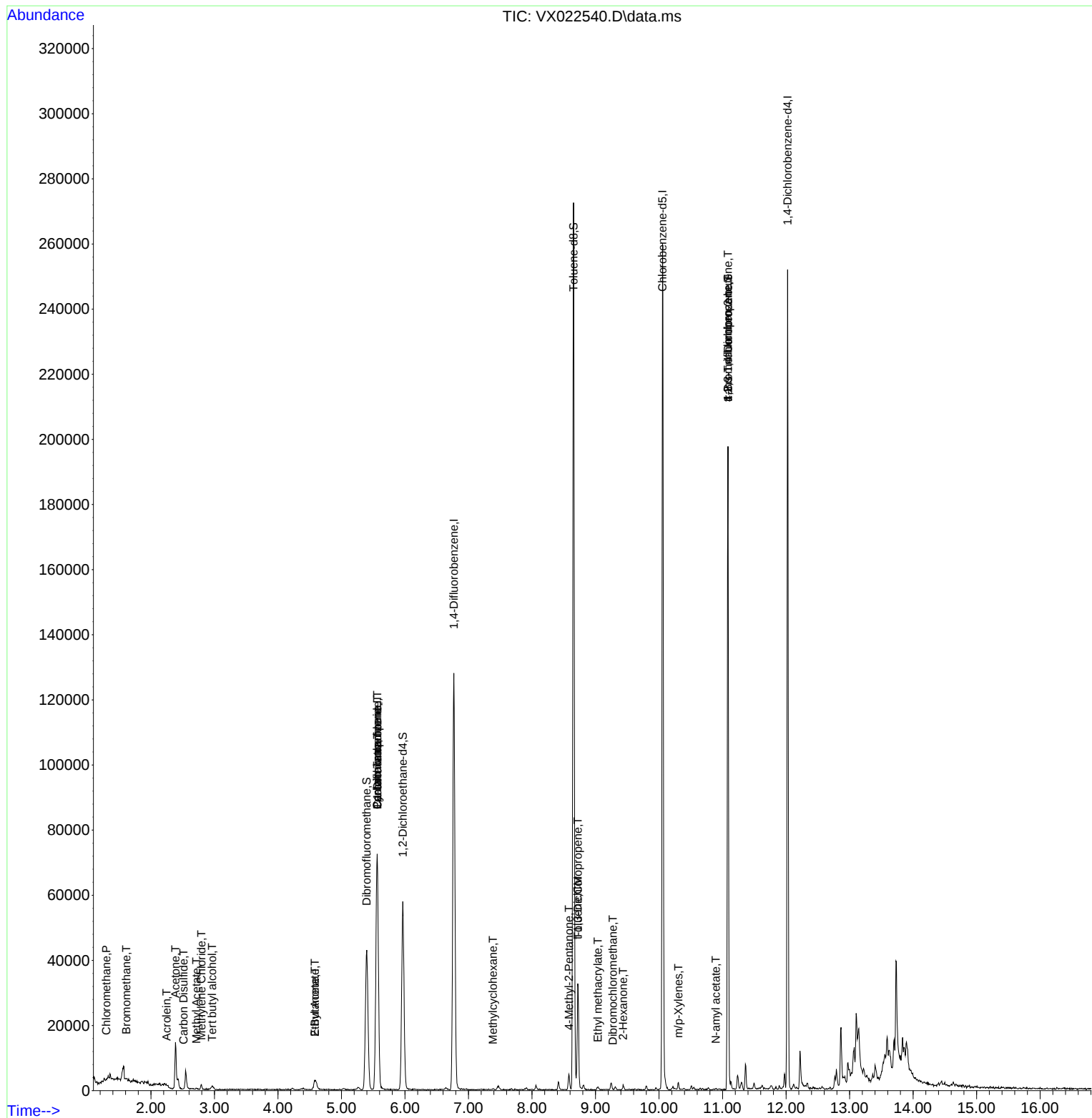
Internal Standards						
1) Pentafluorobenzene	5.562	168	61361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52037	47.704	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.400%		
35) Dibromofluoromethane	5.397	113	37237	47.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	8.653	98	153624	49.008	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.020%		
62) 4-Bromofluorobenzene	11.085	95	53273	45.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.440%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	224	0.259	ug/l #	42
5) Bromomethane	1.612	94	219	0.494	ug/l #	48
11) Tert butyl alcohol	2.965	59	994	4.062	ug/l #	73
13) Acrolein	2.246	56	50	3.543	ug/l #	1
16) Acetone	2.386	43	14275	29.123	ug/l	98
17) Carbon Disulfide	2.514	76	189	3.474	ug/l #	75
18) Methyl Acetate	2.715	43	360	0.266	ug/l #	47
20) Methylene Chloride	2.794	84	657	0.642	ug/l	94
25) 2-Butanone	4.580	43	2602	3.212	ug/l #	82
31) Cyclohexane	5.562	56	1874	1.452	ug/l #	59
36) 1,1-Dichloropropene	5.562	75	6009	4.947	ug/l #	46
37) Ethyl Acetate	4.580	43	2602	1.670	ug/l #	64
38) Carbon Tetrachloride	5.562	117	6975	8.010	ug/l #	17
39) Methylcyclohexane	7.385	83	158	1.955	ug/l #	51
51) 4-Methyl-2-Pentanone	8.580	43	2996	1.903	ug/l #	80
52) Toluene	8.720	92	12111	5.144	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	22	3.275	ug/l #	27
56) Ethyl methacrylate	9.037	69	107	2.760	ug/l #	1
59) 2-Hexanone	9.433	43	849	0.706	ug/l	83
60) Dibromochloromethane	9.275	129	45	3.618	ug/l #	11
68) m/p-Xylenes	10.305	106	557	0.363	ug/l	90
74) N-amyl acetate	10.896	43	445	0.235	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	28500	25.389	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	28500	62.739	ug/l #	12

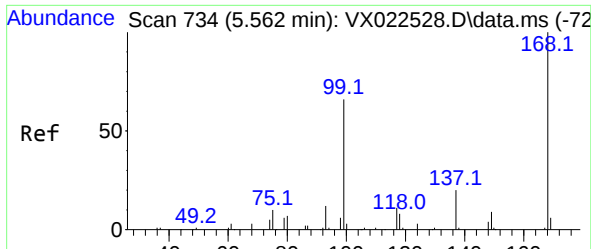
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
Data File : VX022540.D
Acq On : 07 Jun 2021 17:40
Operator : JC/MD
Sample : M2583-20 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
35-38

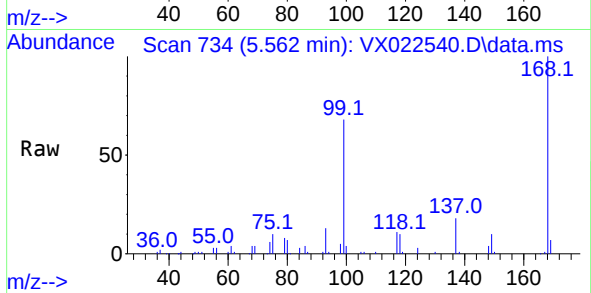
Quant Time: Jun 07 18:00:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



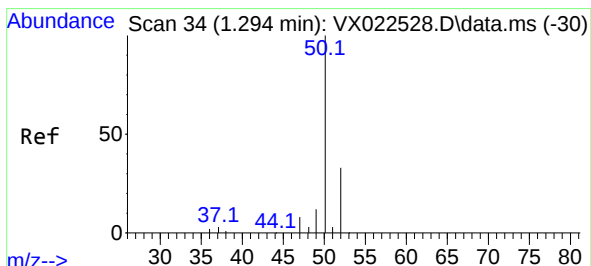
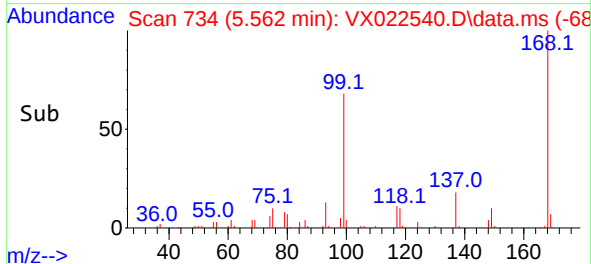
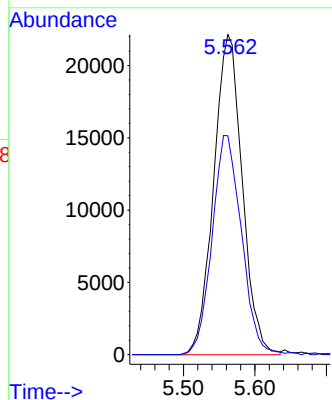


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Instrument :
MSVOA_X
ClientSampled :
35-38

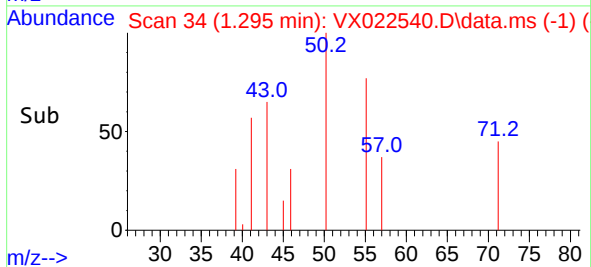
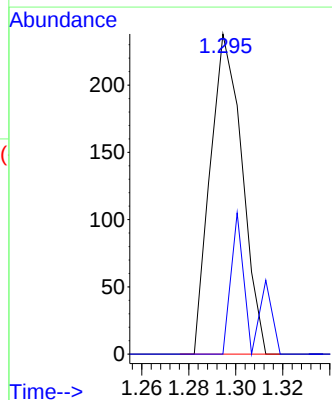
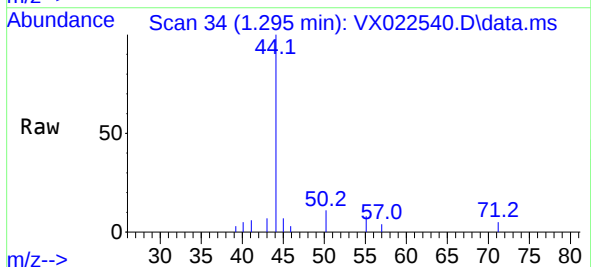


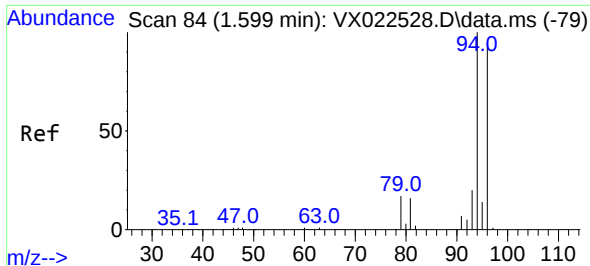
Tgt Ion:168 Resp: 61361
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 50 Resp: 224
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

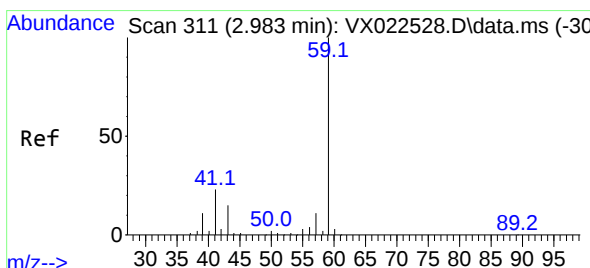
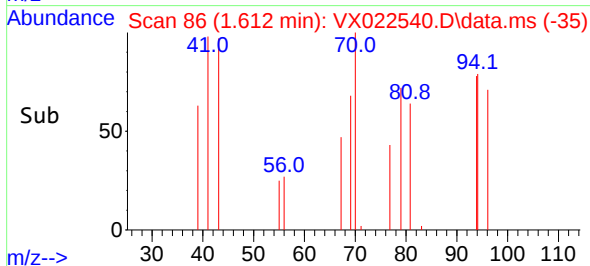
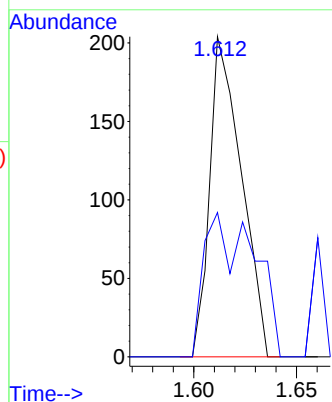
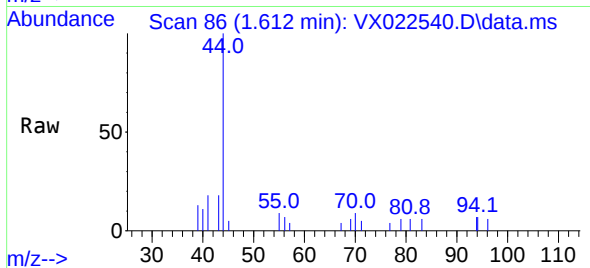




#5
Bromomethane
Concen: 0.494 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

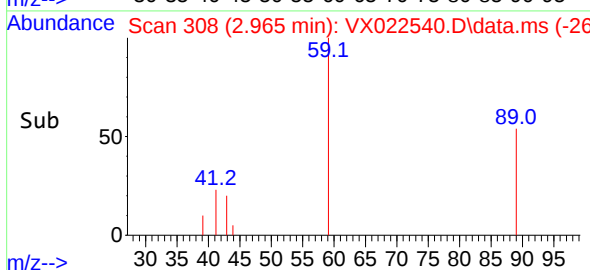
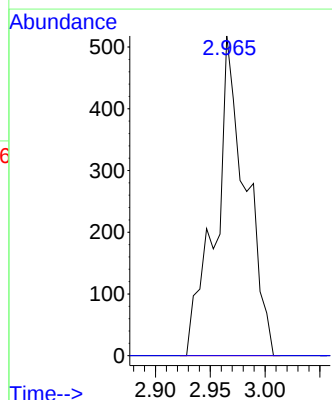
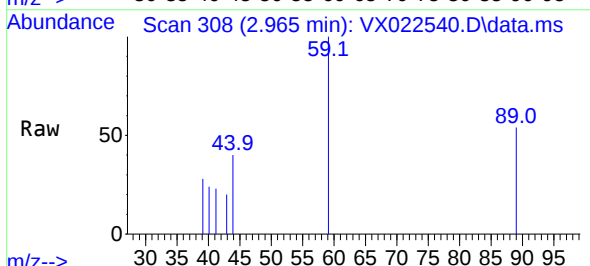
Instrument :
MSVOA_X
ClientSampled :
35-38

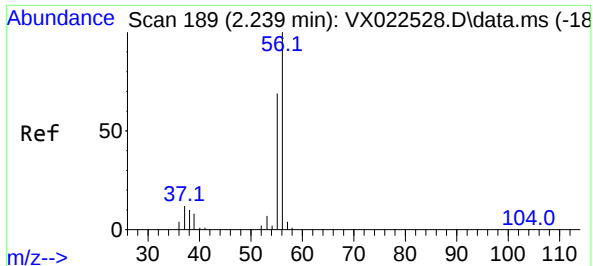
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 45.1 76.4 114.6#



#11
Tert butyl alcohol
Concen: 4.062 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 59 Resp: 994
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

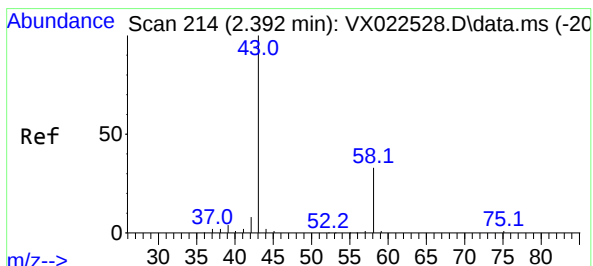
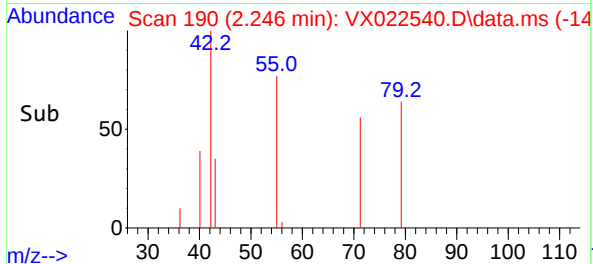
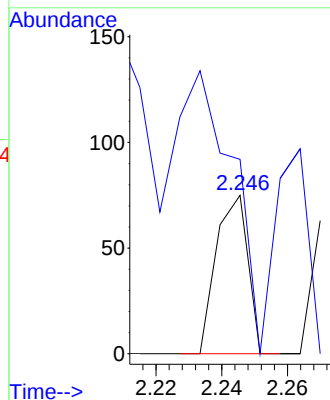
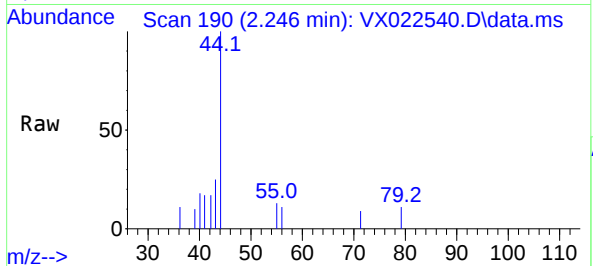




#13
Acrolein
Concen: 3.543 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

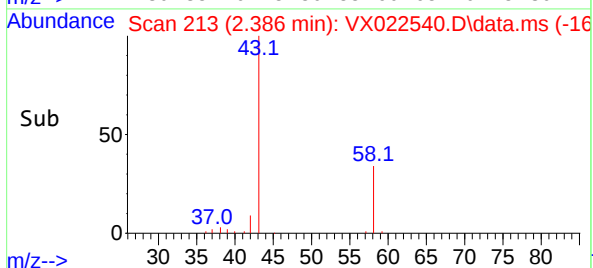
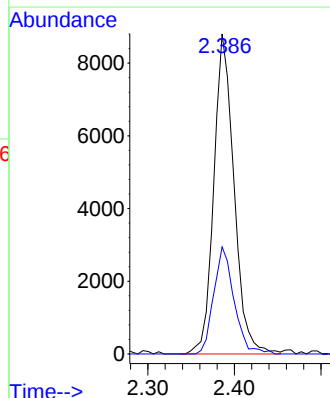
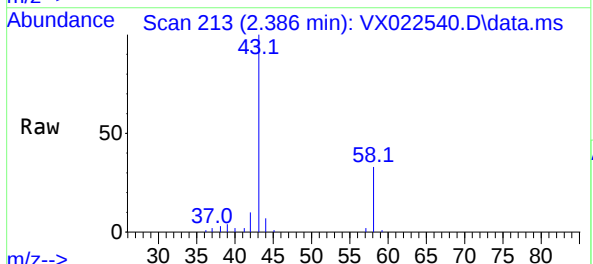
Instrument :
MSVOA_X
ClientSampled :
35-38

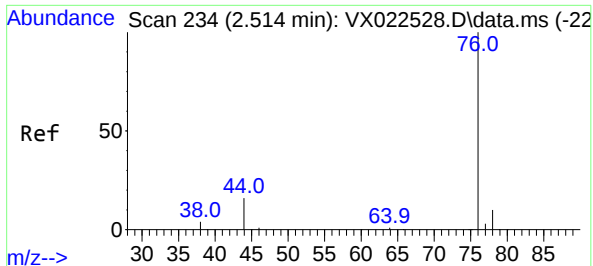
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 316.0 56.4 84.6#



#16
Acetone
Concen: 29.123 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 43 Resp: 14275
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8

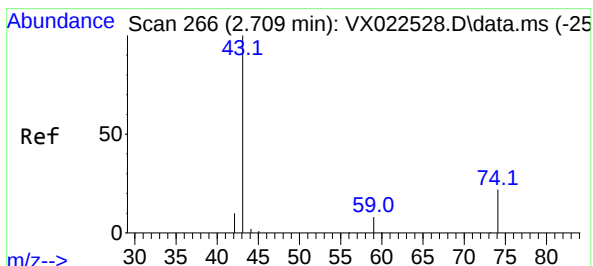
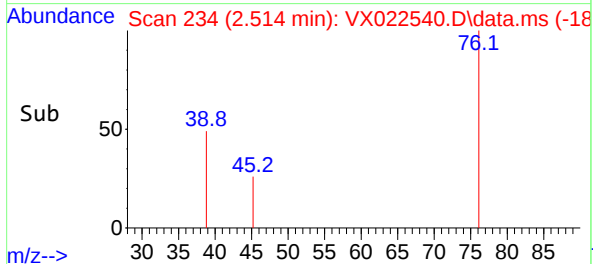
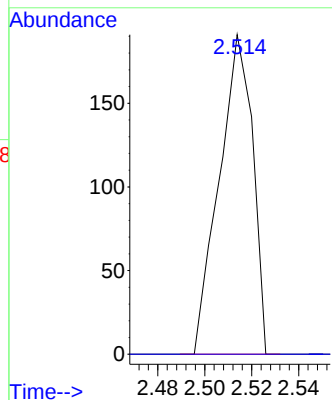
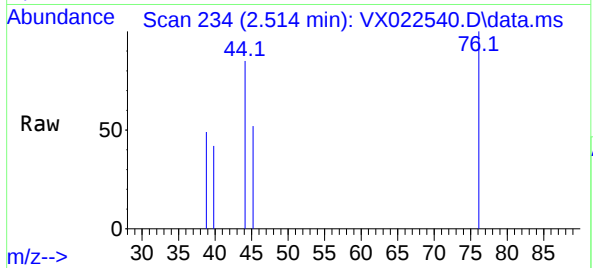




#17
Carbon Disulfide
Concen: 3.474 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

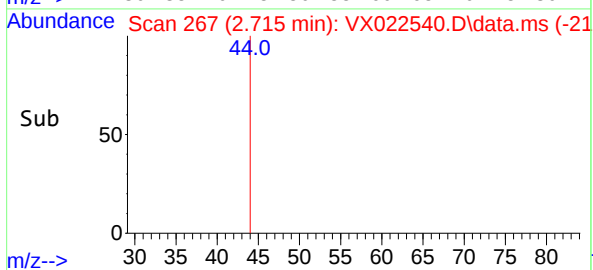
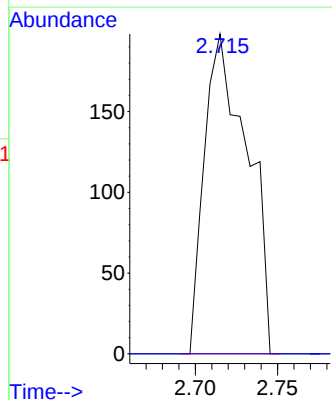
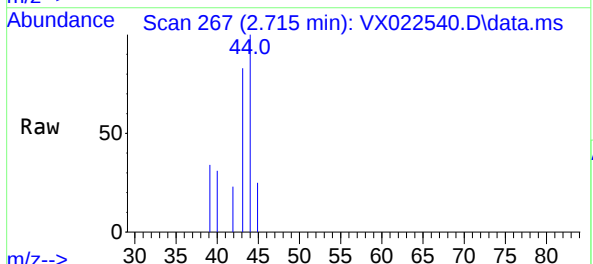
Instrument :
MSVOA_X
ClientSampleId :
35-38

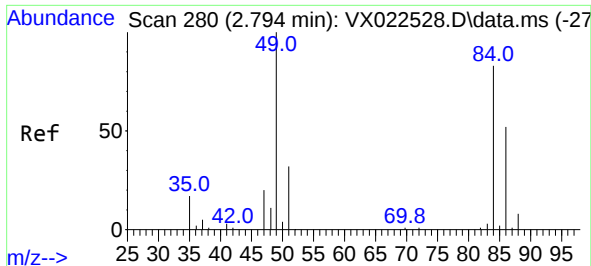
Tgt Ion: 76 Resp: 189
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



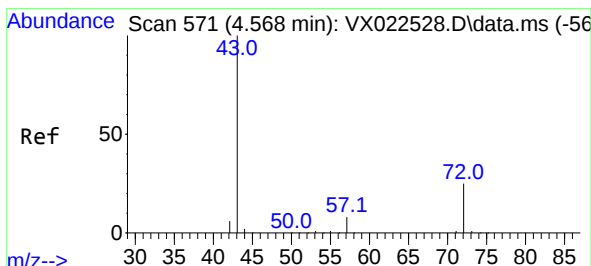
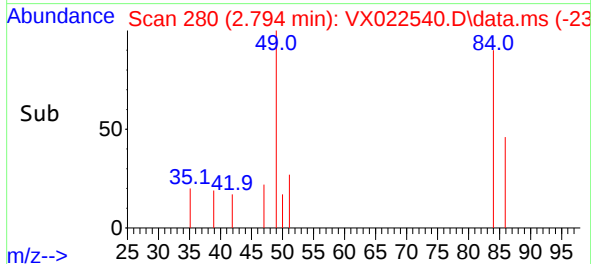
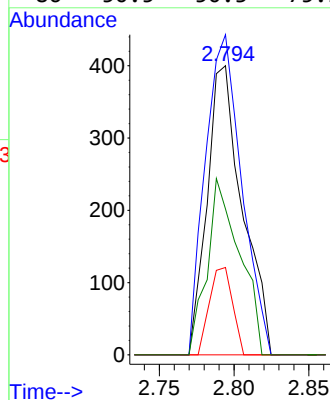
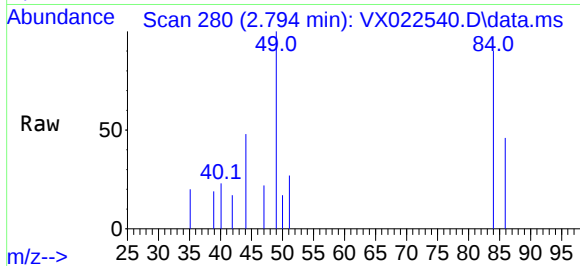


#20
Methylene Chloride
Concen: 0.642 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Instrument :
MSVOA_X
ClientSampled :
35-38

Tgt Ion: 84 Resp: 657

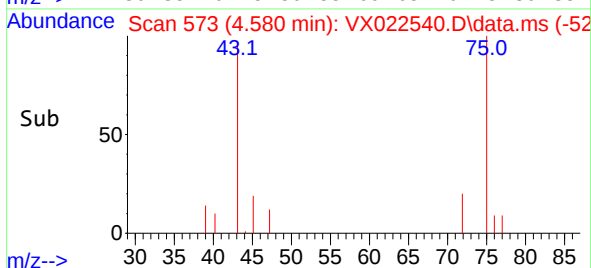
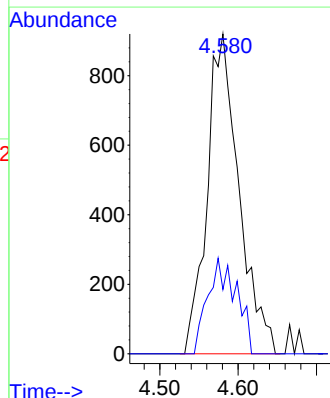
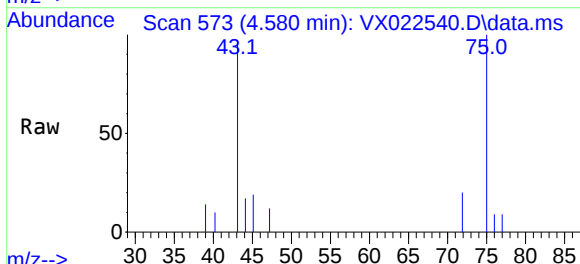
Ion	Ratio	Lower	Upper
84	100		
49	110.8	88.6	132.8
51	30.3	27.0	40.6
86	50.5	50.3	75.5

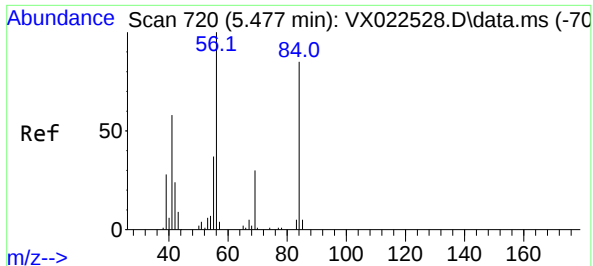


#25
2-Butanone
Concen: 3.212 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 43 Resp: 2602

Ion	Ratio	Lower	Upper
43	100		
72	20.1	23.7	35.5#

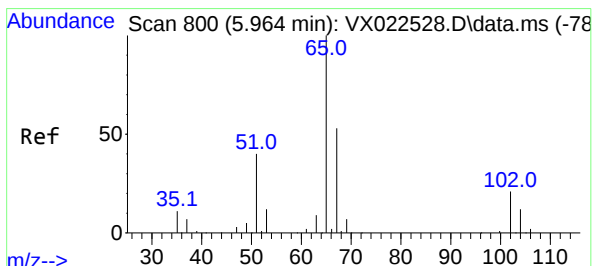
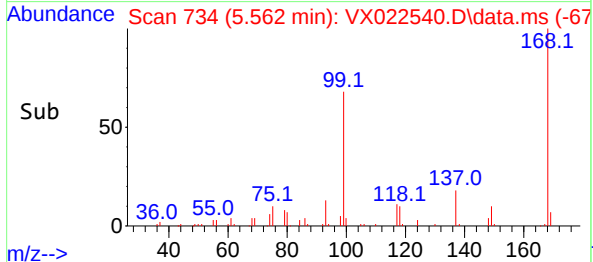
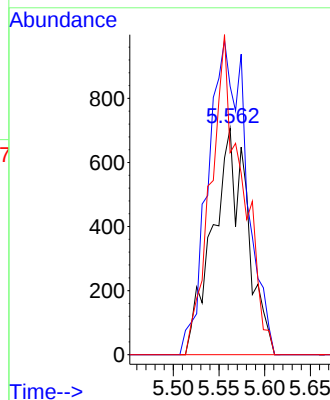
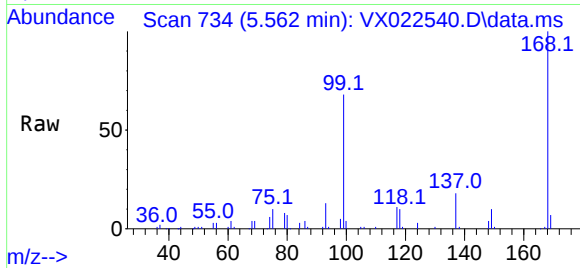




#31
Cyclohexane
Concen: 1.452 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

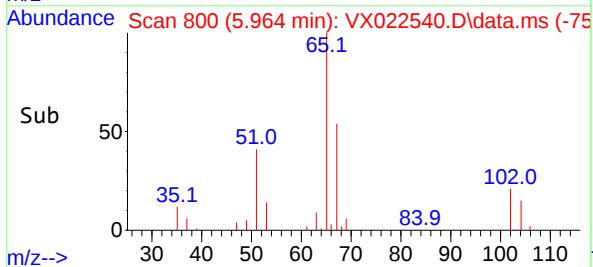
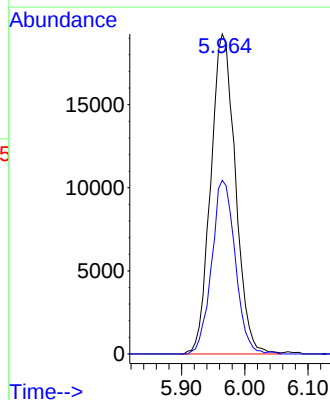
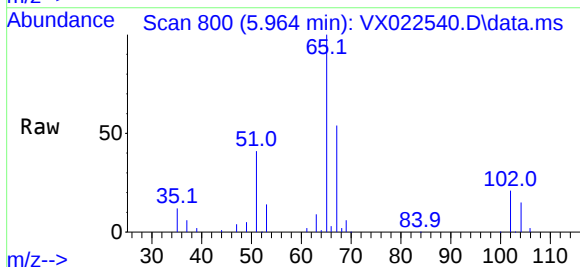
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35-38

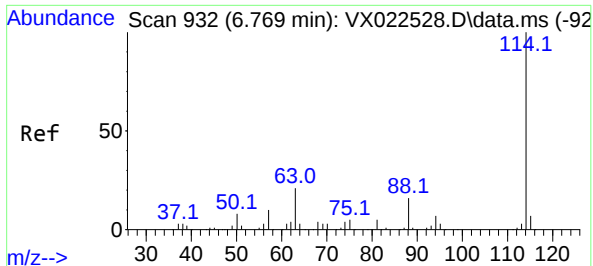
Tgt Ion: 56 Resp: 1874
Ion Ratio Lower Upper
56 100
69 118.5 25.3 37.9#
84 89.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.704 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 65 Resp: 52037
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

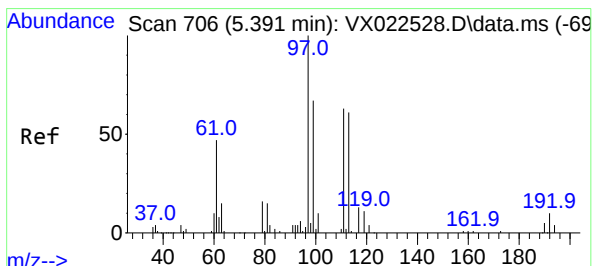
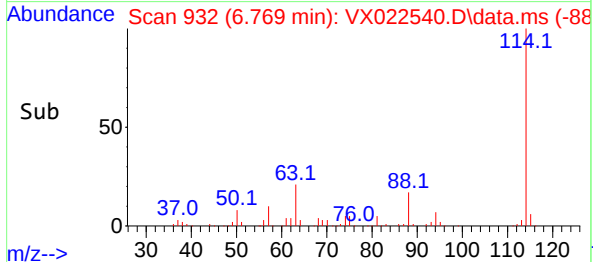
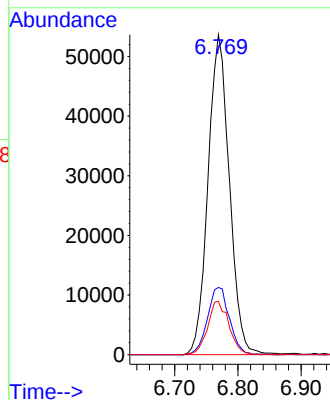
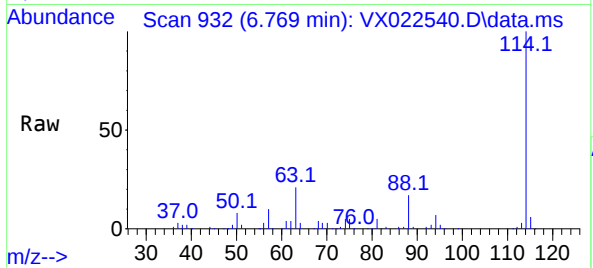




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

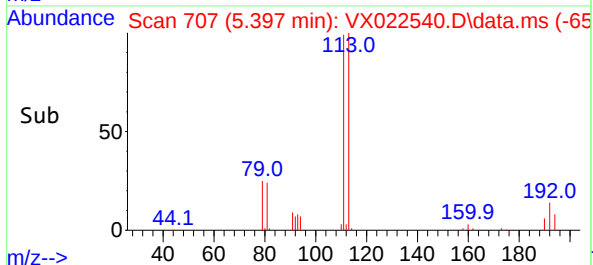
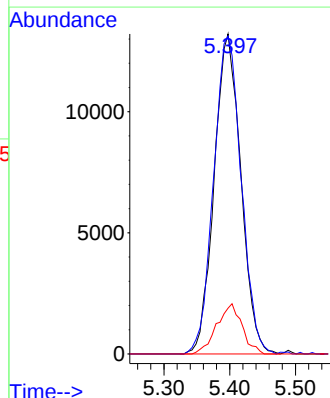
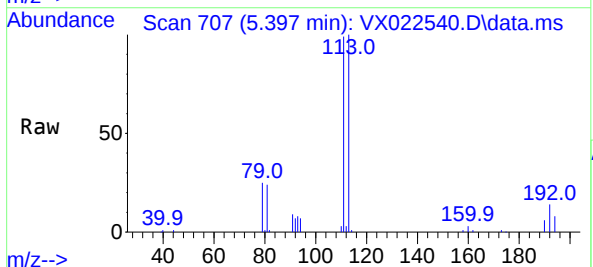
Instrument :
MSVOA_X
ClientSampled :
35-38

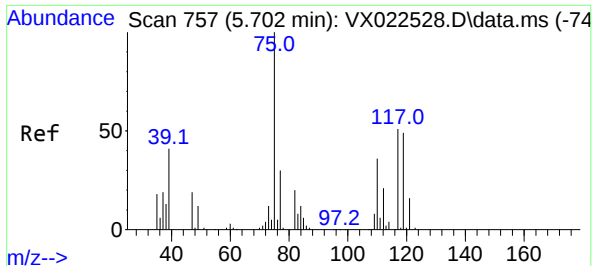
Tgt Ion:114 Resp: 125565
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.398 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion:113 Resp: 37237
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 14.9 16.7 25.1#



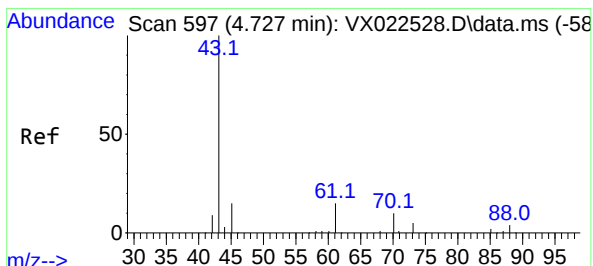
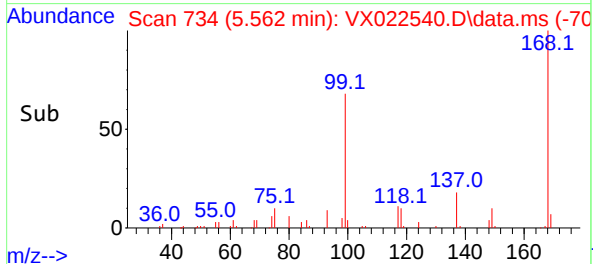
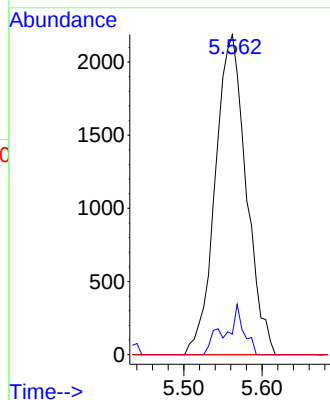
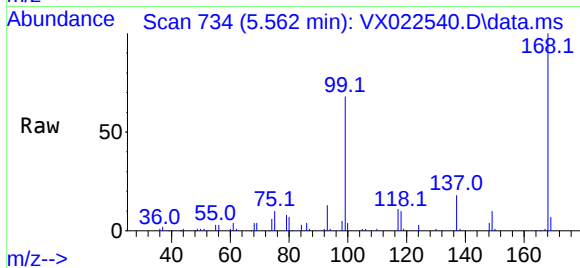


#36

1,1-Dichloropropene
Concen: 4.947 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Instrument :
MSVOA_X
ClientSampled :
35-38

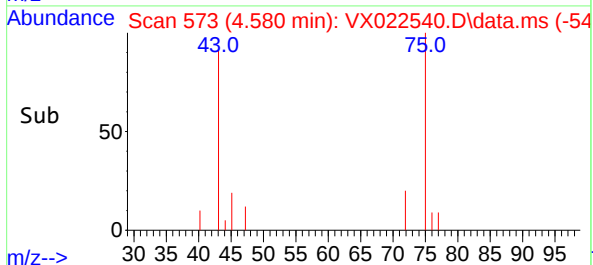
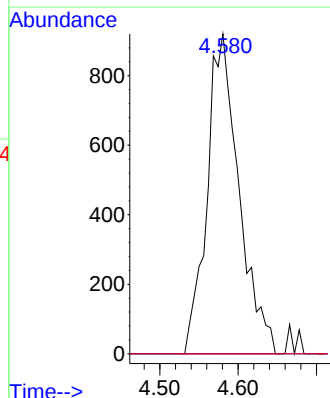
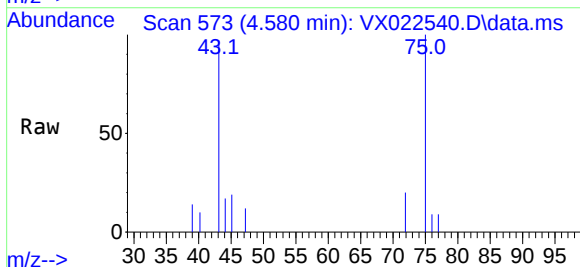
Tgt Ion: 75 Resp: 6009
Ion Ratio Lower Upper
75 100
110 6.3 18.1 54.4#
77 0.0 25.3 37.9#

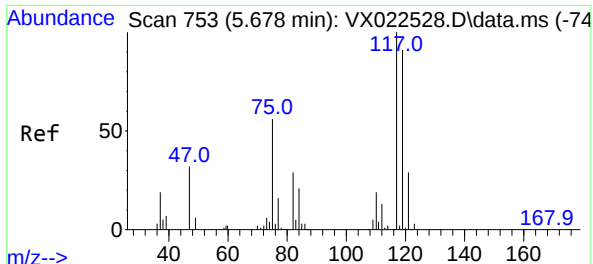


#37

Ethyl Acetate
Concen: 1.670 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

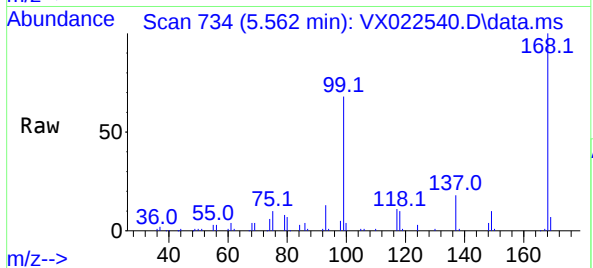
Tgt Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



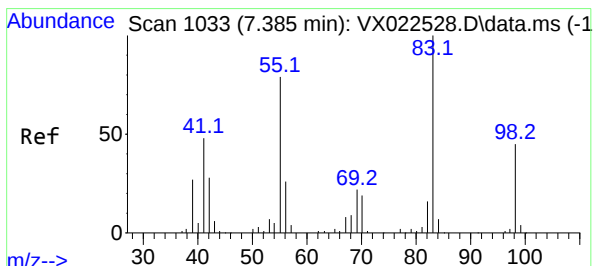
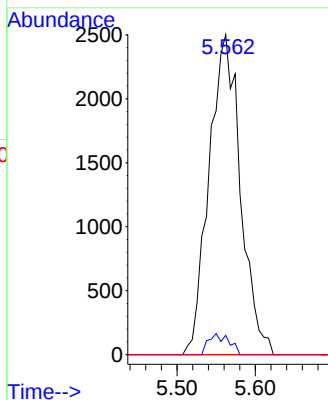
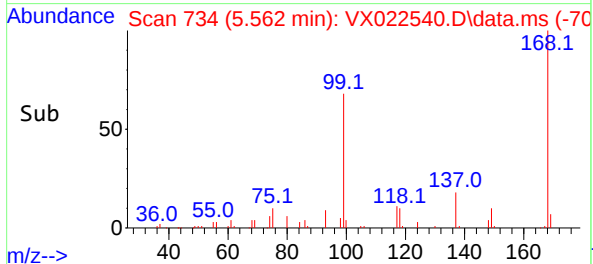


#38
Carbon Tetrachloride
Concen: 8.010 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

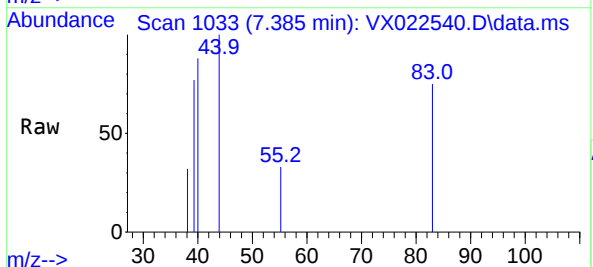
Instrument :
MSVOA_X
ClientSampled :
35-38



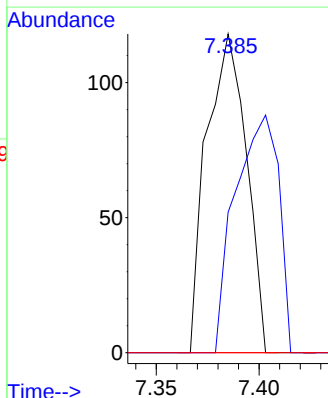
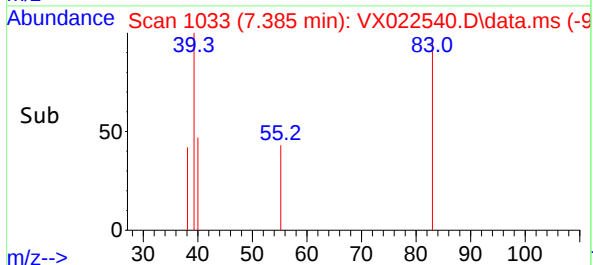
Tgt Ion:117 Resp: 6975
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

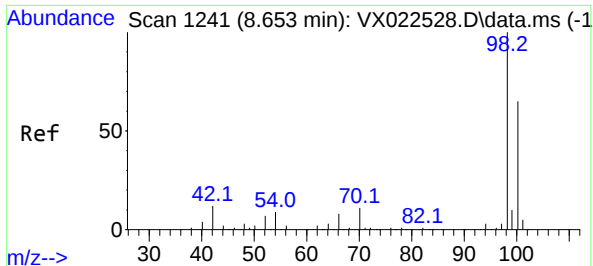


#39
Methylcyclohexane
Concen: 1.955 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40



Tgt Ion: 83 Resp: 158
Ion Ratio Lower Upper
83 100
55 44.1 58.9 88.3#
98 0.0 38.1 57.1#





#50

Toluene-d8

Concen: 49.008 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

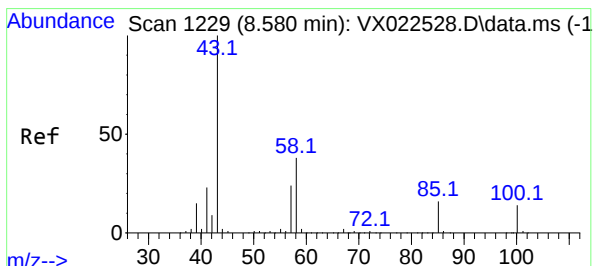
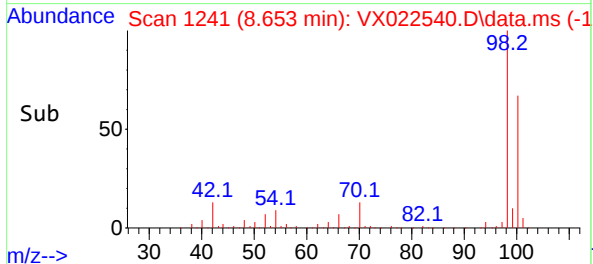
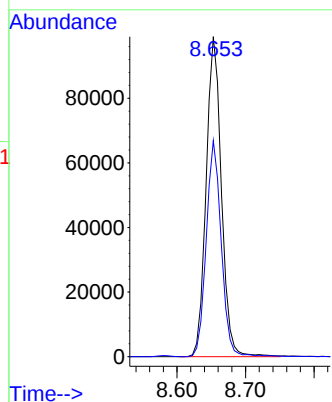
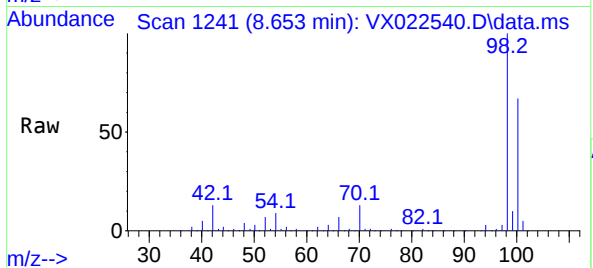
Lab File: VX022540.D

Acq: 07 Jun 2021 17:40

Tgt Ion: 98 Resp: 153624

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.9	77.9



#51

4-Methyl-2-Pentanone

Concen: 1.903 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

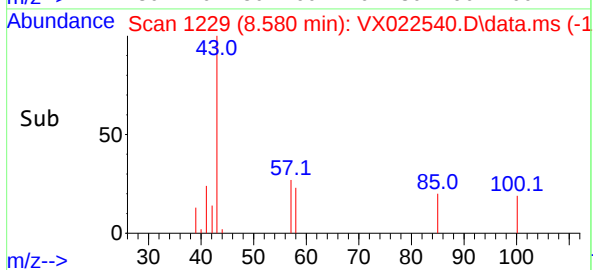
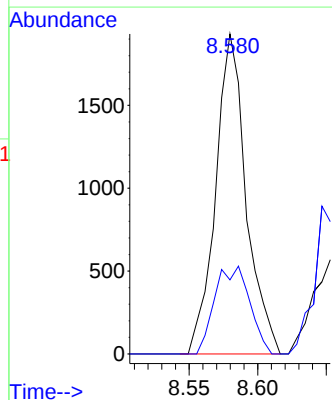
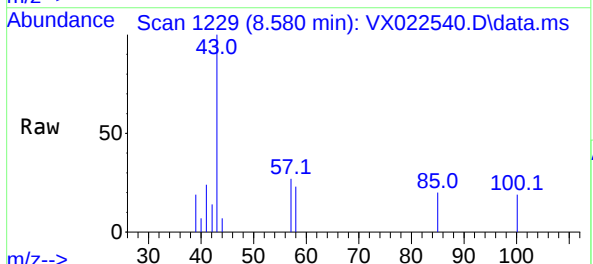
Lab File: VX022540.D

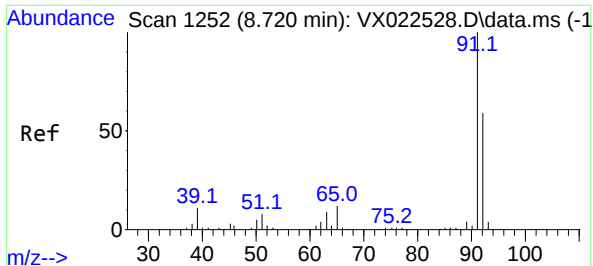
Acq: 07 Jun 2021 17:40

Tgt Ion: 43 Resp: 2996

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
43	100		
58	31.3	35.4	53.0#

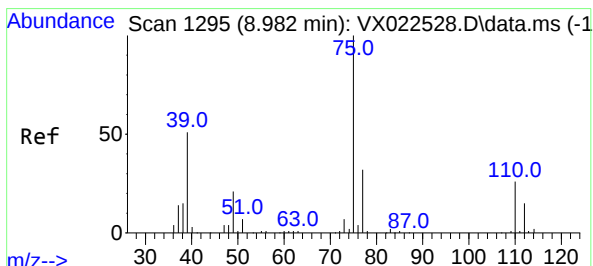
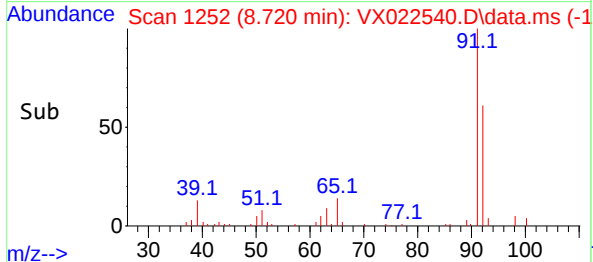
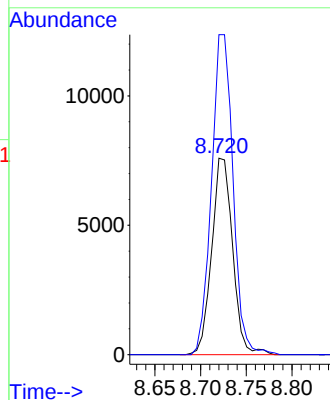
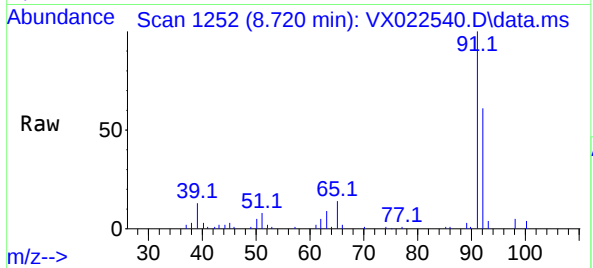




#52
Toluene
Concen: 5.144 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

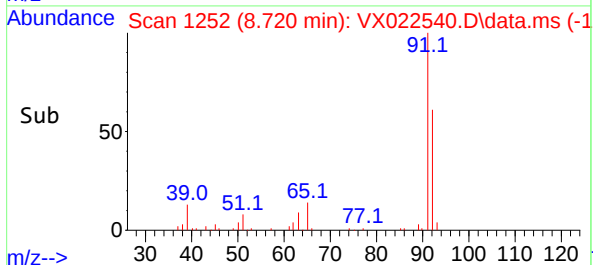
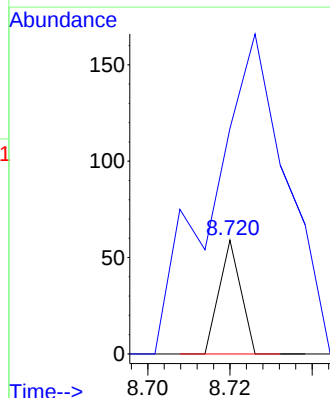
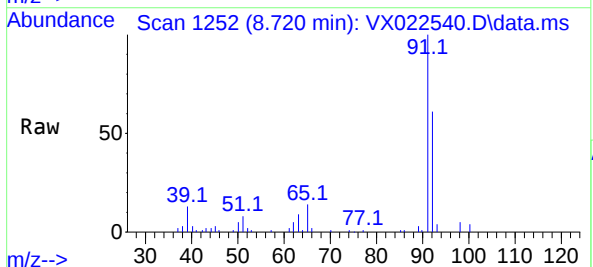
Instrument :
MSVOA_X
ClientSampled :
35-38

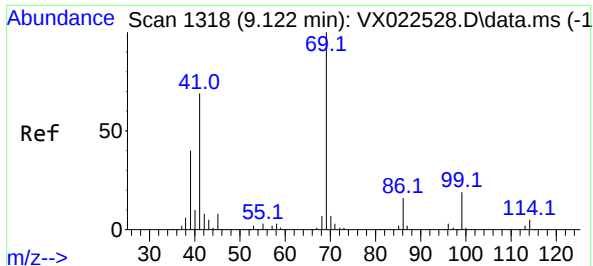
Tgt Ion: 92 Resp: 12111
Ion Ratio Lower Upper
92 100
91 167.0 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 3.275 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 71.2 24.9 37.3#

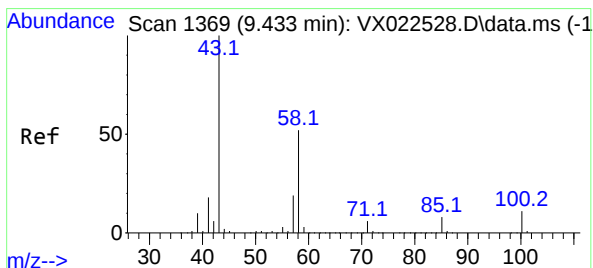
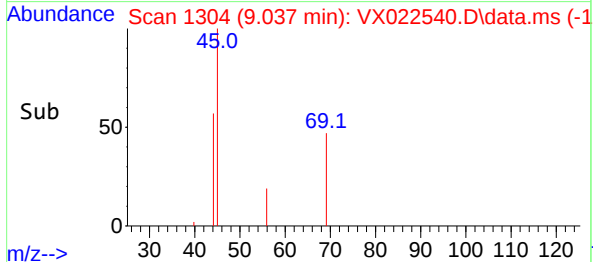
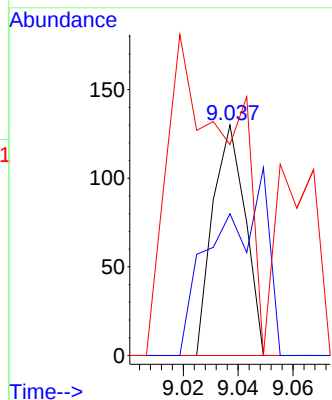
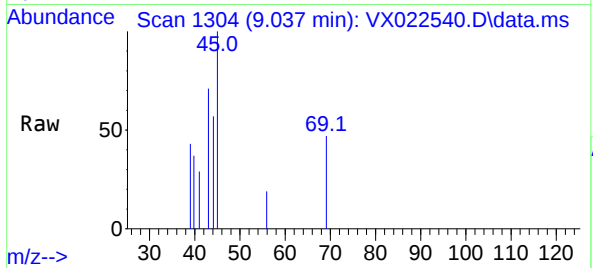




#56
Ethyl methacrylate
Concen: 2.760 ug/l
RT: 9.037 min Scan# 1304
Delta R.T. -0.085 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

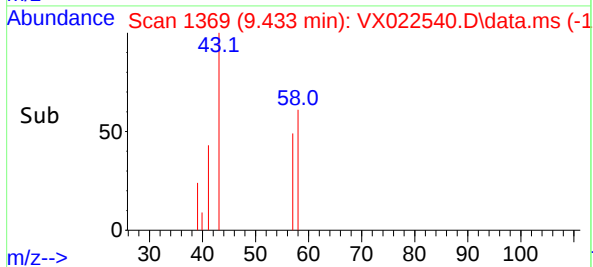
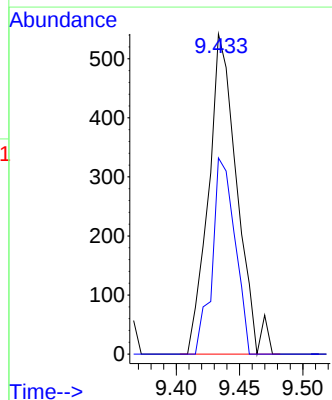
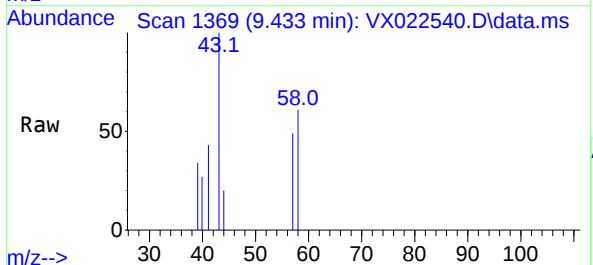
Instrument :
MSVOA_X
ClientSampled :
35-38

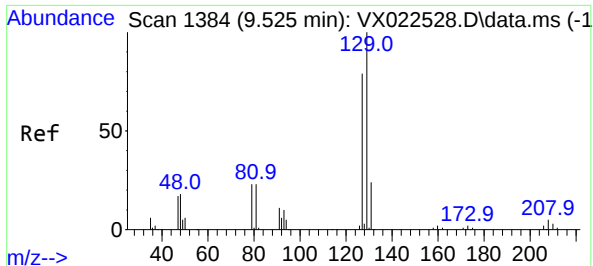
Tgt Ion: 69 Resp: 107
Ion Ratio Lower Upper
69 100
41 123.4 46.8 70.2#
39 144.9 24.7 37.1#



#59
2-Hexanone
Concen: 0.706 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 48.8 30.9 92.8





#60

Dibromochloromethane

Concen: 3.618 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022540.D

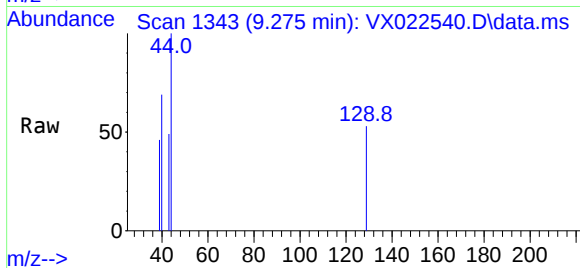
Acq: 07 Jun 2021 17:40

Tgt Ion:129 Resp: 45

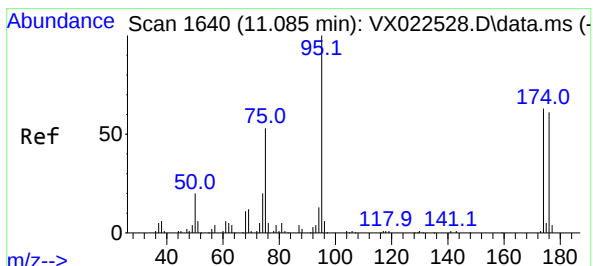
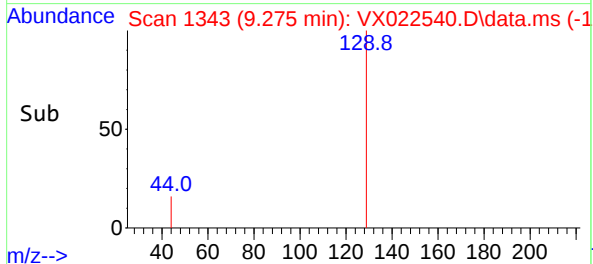
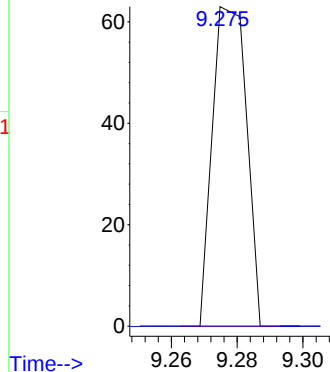
Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance



#62

4-Bromofluorobenzene

Concen: 45.722 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022540.D

Acq: 07 Jun 2021 17:40

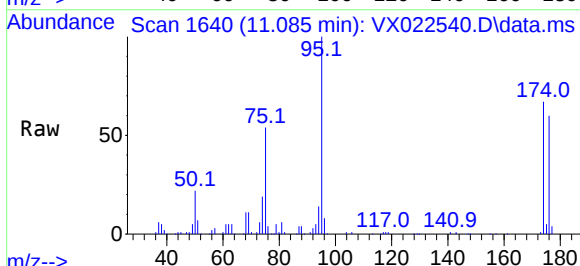
Tgt Ion: 95 Resp: 53273

Ion Ratio Lower Upper

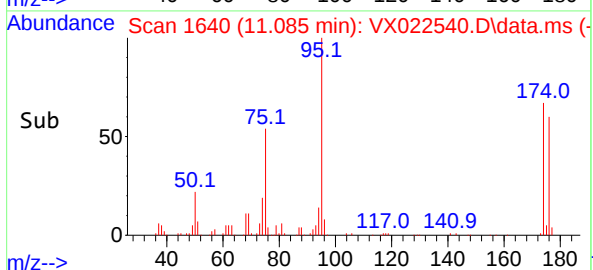
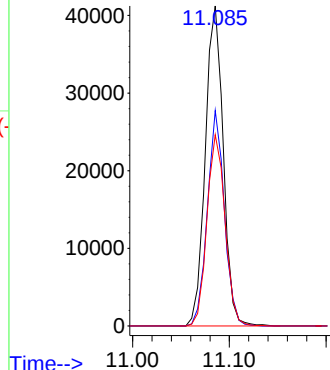
95 100

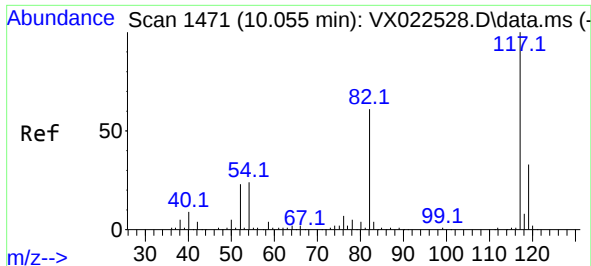
174 63.8 0.0 154.6

176 60.2 0.0 155.8



Abundance

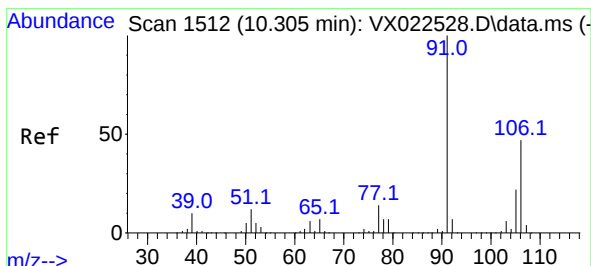
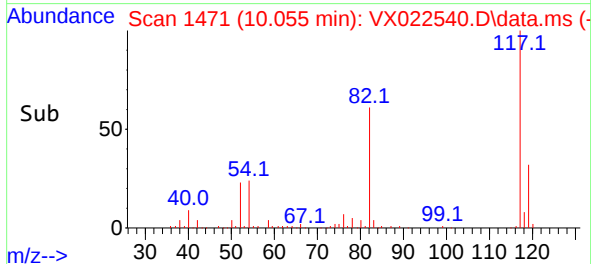
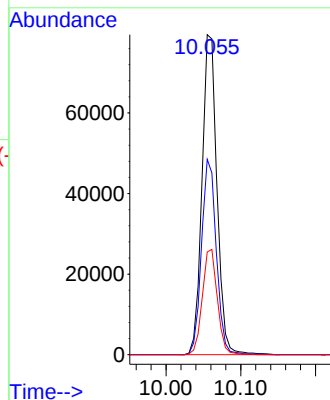
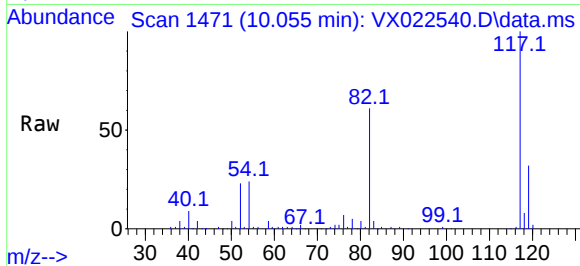




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

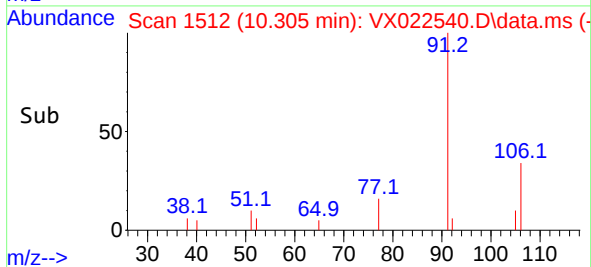
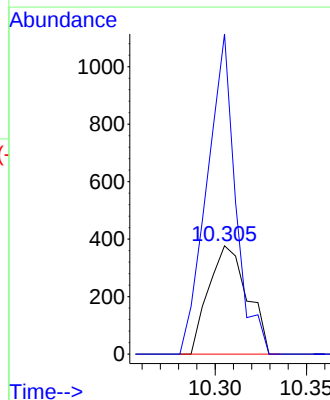
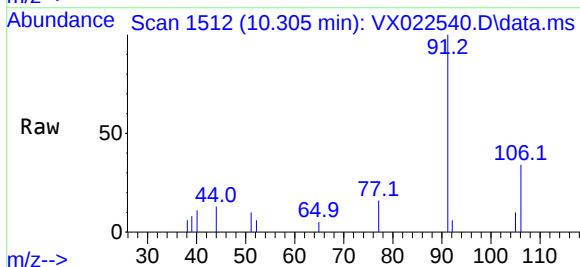
Instrument :
MSVOA_X
ClientSampled :
35-38

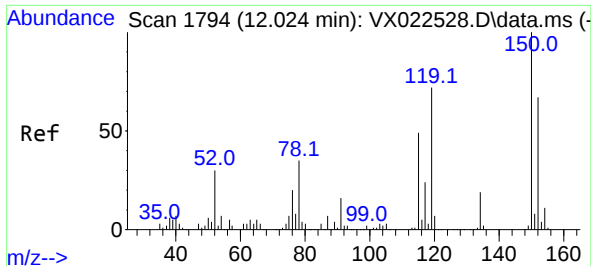
Tgt Ion:117 Resp: 110466
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 32.1 26.6 39.8



#68
m/p-Xylenes
Concen: 0.363 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion:106 Resp: 557
Ion Ratio Lower Upper
106 100
91 218.5 162.8 244.2

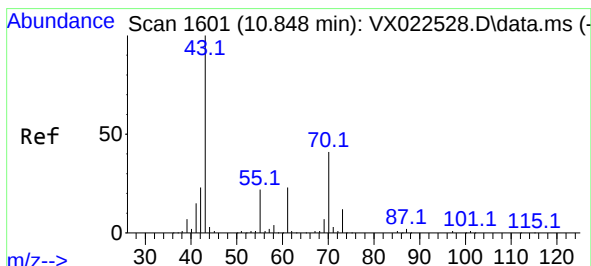
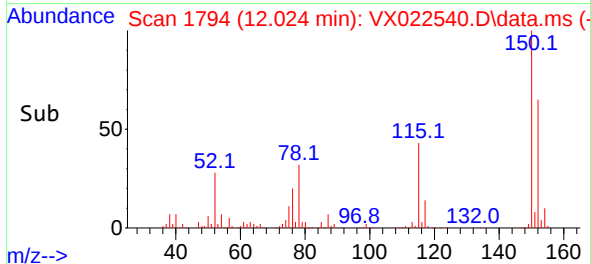
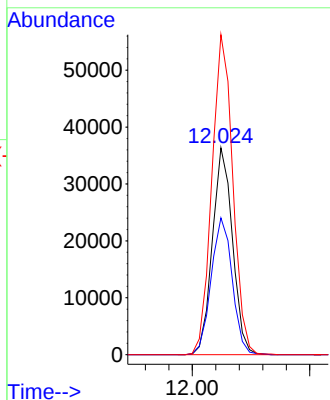
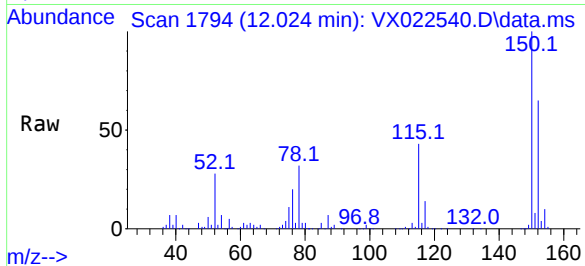




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

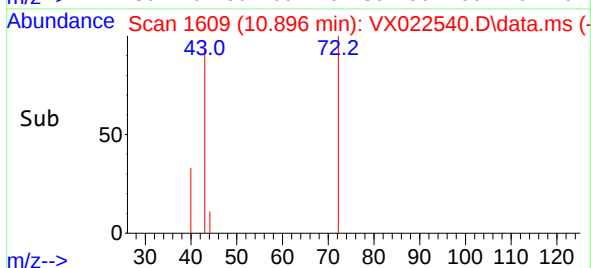
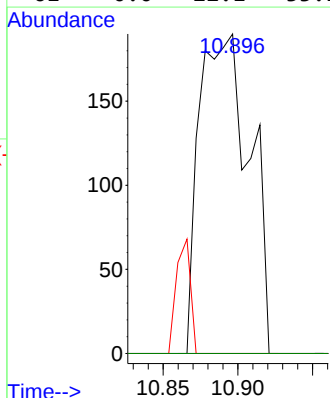
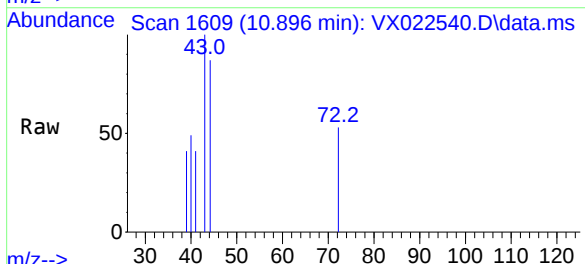
Instrument :
MSVOA_X
ClientSampled :
35-38

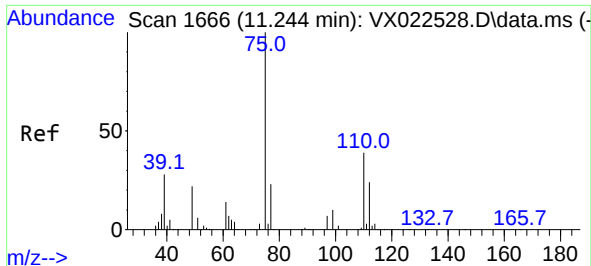
Tgt Ion:152 Resp: 43330
Ion Ratio Lower Upper
152 100
115 69.2 41.1 123.3
150 160.7 0.0 349.0



#74
N-ethyl acetate
Concen: 0.235 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.048 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

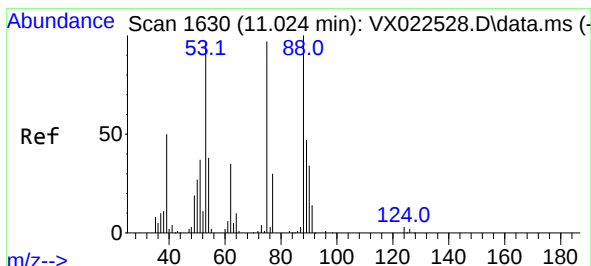
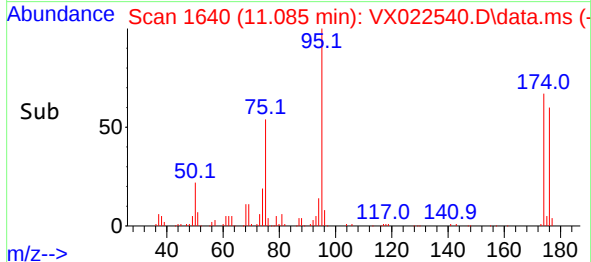
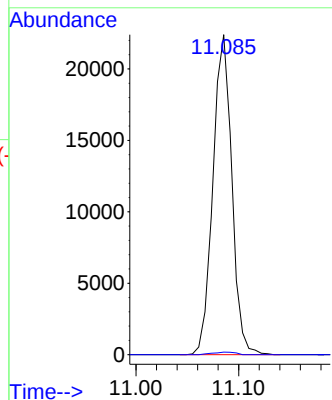
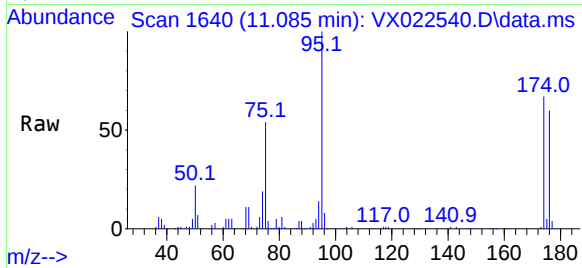




#76
1,2,3-Trichloropropane
Concen: 25.389 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Instrument :
MSVOA_X
ClientSampled :
35-38

Tgt Ion: 75 Resp: 28500
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.739 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022540.D
Acq: 07 Jun 2021 17:40

Tgt Ion: 75 Resp: 28500
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

