

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025377.D
 Acq On : 29 Nov 2021 18:08
 Operator : JC/MD
 Sample : M4837-14 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20934

Quant Time: Nov 30 04:03:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

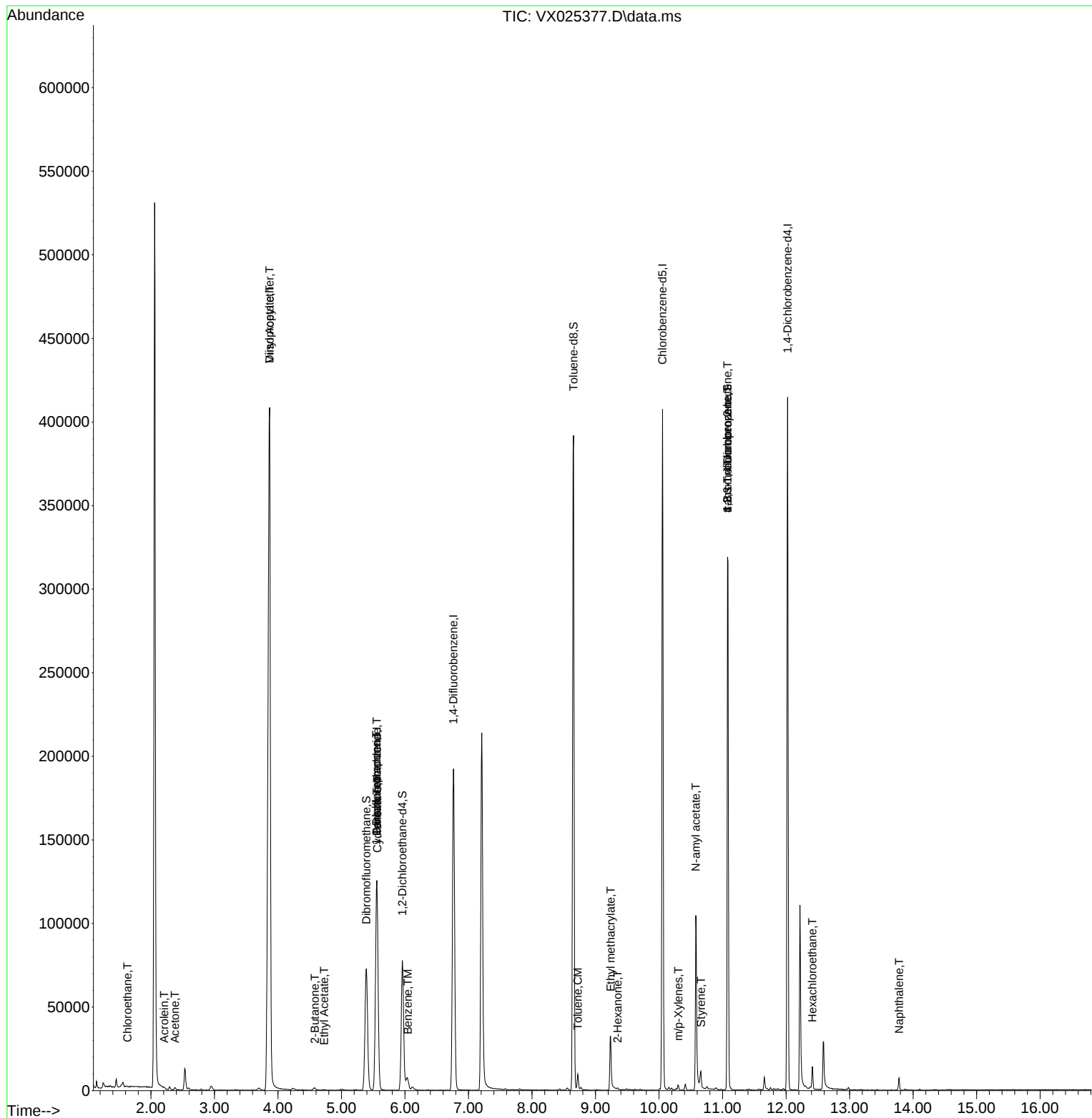
Internal Standards						
1) Pentafluorobenzene	5.556	168	129033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69585	51.162	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.320%			
35) Dibromofluoromethane	5.391	113	63447	50.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.100%			
50) Toluene-d8	8.653	98	239111	50.171	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	85951	47.671	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.340%			
Target Compounds					Qvalue	
6) Chloroethane	1.630	64	232	0.221	ug/l #	43
11) Tert butyl alcohol	2.947	59	1643	Below Cal	#	72
13) Acrolein	2.209	56	35	0.562	ug/l	92
16) Acetone	2.380	43	1397	1.848	ug/l #	88
22) Diisopropyl ether	3.867	45	27973	6.786	ug/l #	1
23) Vinyl Acetate	3.867	43	67496	20.386	ug/l #	72
25) 2-Butanone	4.580	43	380	0.348	ug/l #	48
31) Cyclohexane	5.562	56	2425	1.154	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	8646	4.797	ug/l #	50
37) Ethyl Acetate	4.727	43	758	0.370	ug/l #	68
38) Carbon Tetrachloride	5.556	117	11750	5.919	ug/l #	17
40) Benzene	6.044	78	6762	1.238	ug/l #	82
52) Toluene	8.720	92	3215	0.902	ug/l	93
56) Ethyl methacrylate	9.238	69	826	0.359	ug/l #	1
59) 2-Hexanone	9.348	43	501	0.297	ug/l #	25
68) m/p-Xylenes	10.305	106	807	0.297	ug/l	95
70) Styrene	10.659	104	3596	0.819	ug/l	86
74) N-amyl acetate	10.579	43	19878	7.190	ug/l #	20
76) 1,2,3-Trichloropropane	11.079	75	41835	22.777	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41835	57.380	ug/l #	9
90) Hexachloroethane	12.414	117	484	0.460	ug/l #	11
95) Naphthalene	13.780	128	4449	0.363	ug/l	97

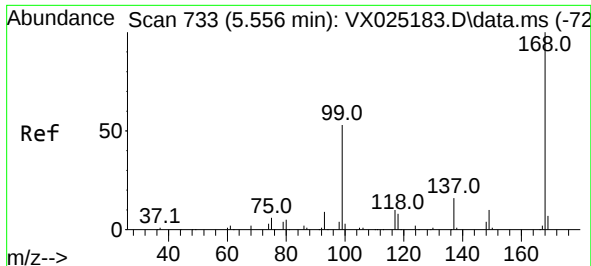
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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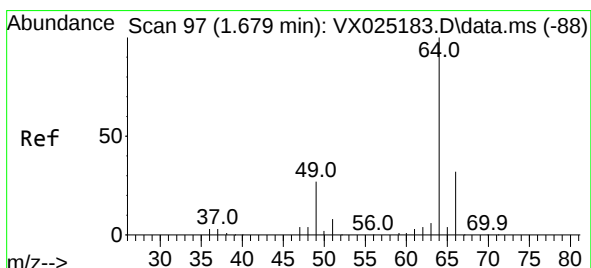
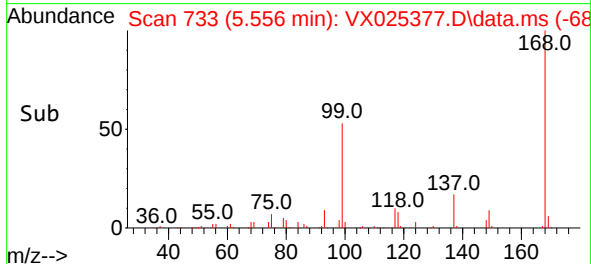
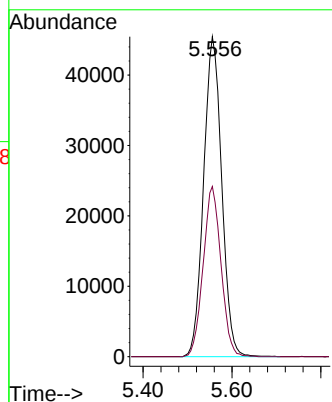
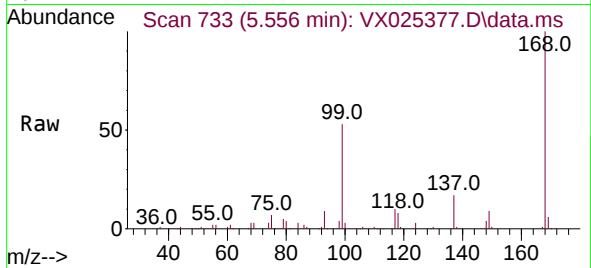




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

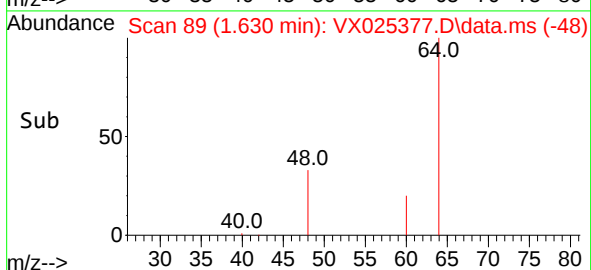
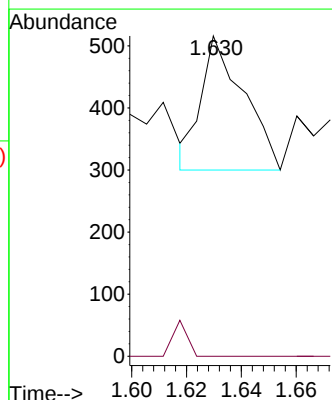
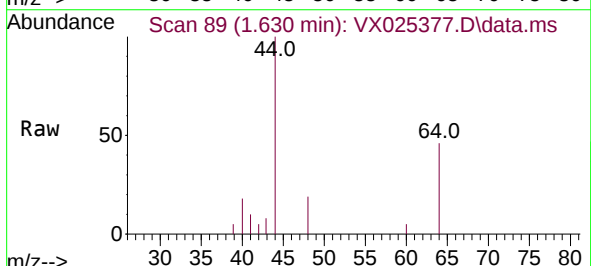
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20934

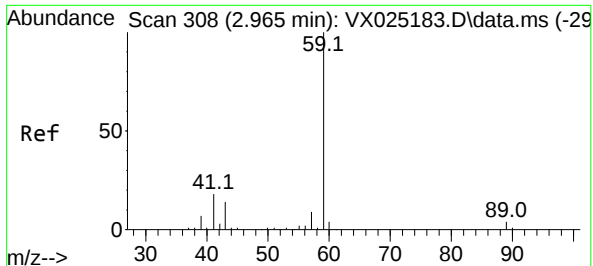
Tgt Ion:168 Resp: 129033
Ion Ratio Lower Upper
168 100
99 53.2 46.4 69.6



#6
Chloroethane
Concen: 0.221 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.049 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX025377.D

Acq: 29 Nov 2021 18:08

Instrument :

MSVOA_X

ClientSampleId :

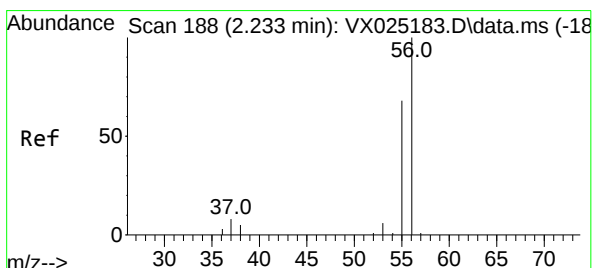
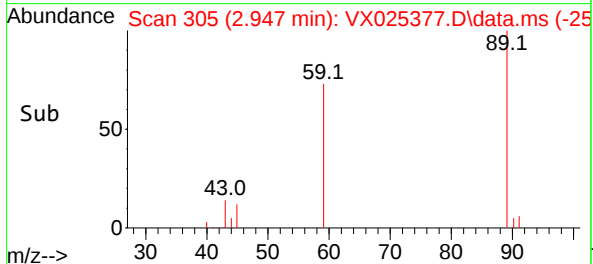
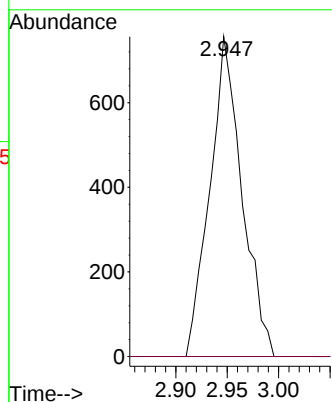
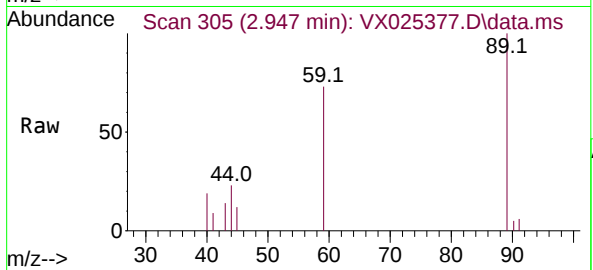
20934

Tgt Ion: 59 Resp: 1643

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.562 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.024 min

Lab File: VX025377.D

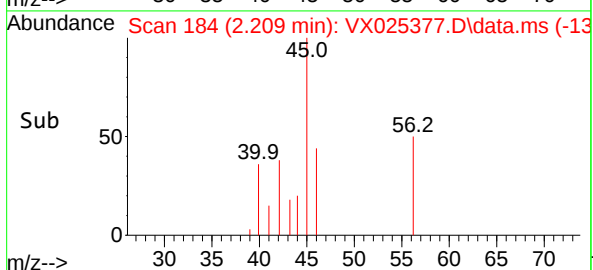
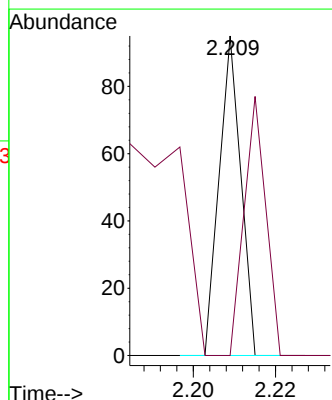
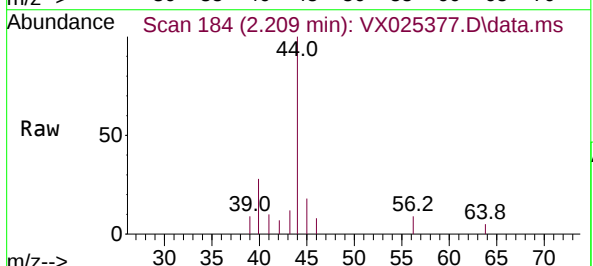
Acq: 29 Nov 2021 18:08

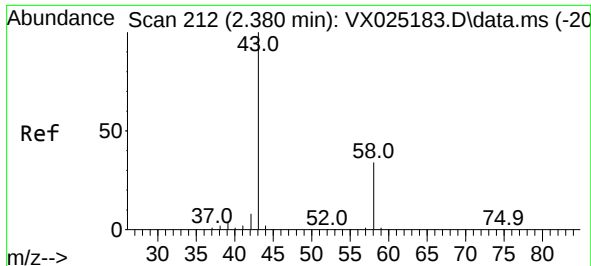
Tgt Ion: 56 Resp: 35

Ion Ratio Lower Upper

56 100

55 80.0 58.6 87.8

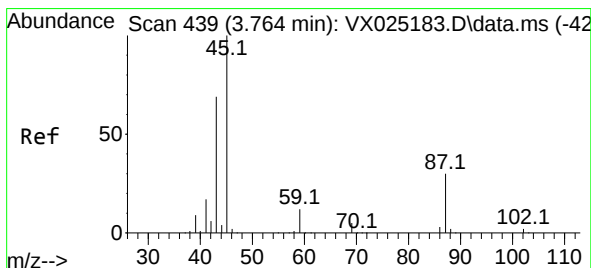
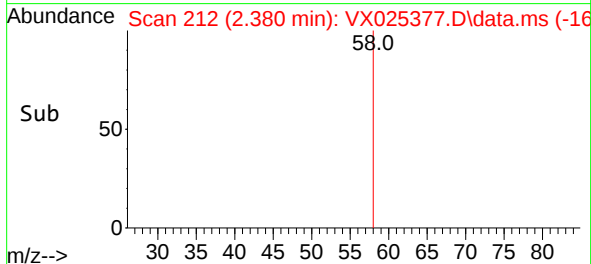
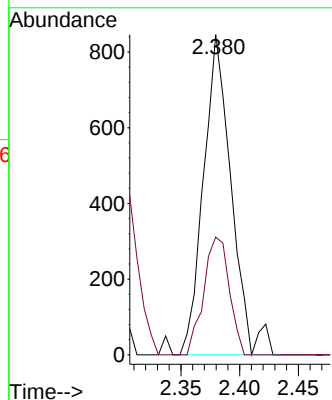
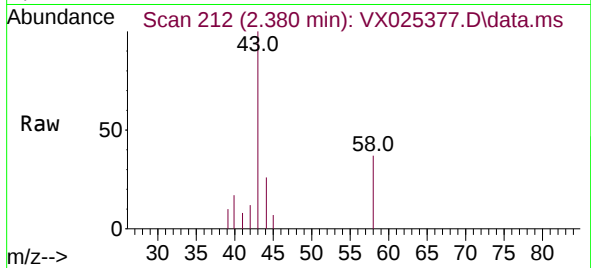




#16
Acetone
Concen: 1.848 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

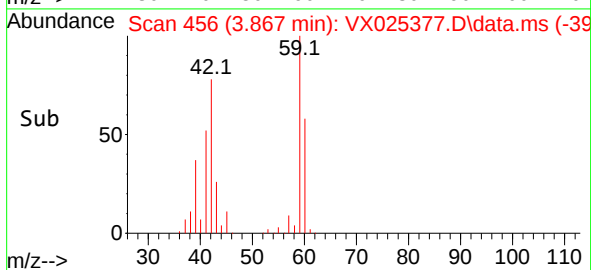
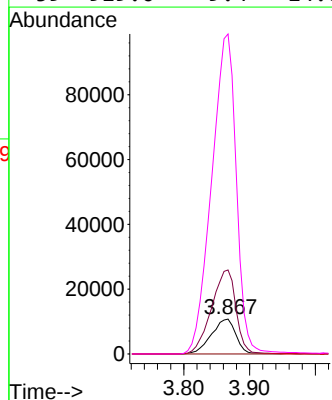
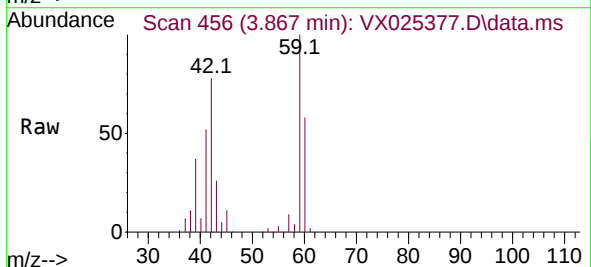
Instrument :
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20934

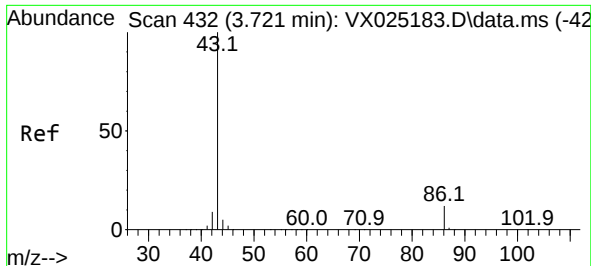
Tgt Ion: 43 Resp: 1397
Ion Ratio Lower Upper
43 100
58 36.8 24.0 36.0#



#22
Diisopropyl ether
Concen: 6.786 ug/l
RT: 3.867 min Scan# 456
Delta R.T. 0.103 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 45 Resp: 27973
Ion Ratio Lower Upper
45 100
43 241.2 58.3 87.5#
87 0.0 23.7 35.5#
59 919.0 9.4 14.0#

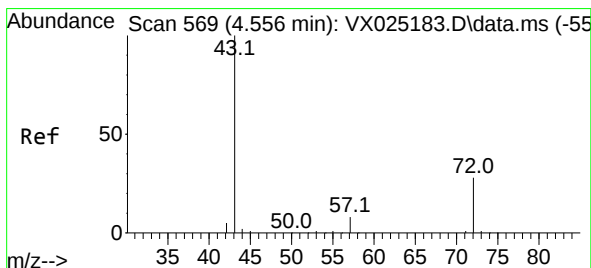
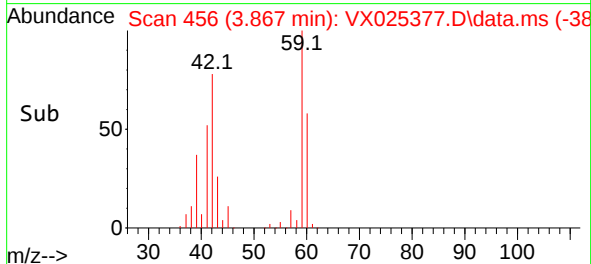
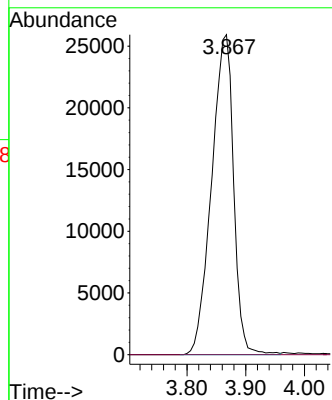
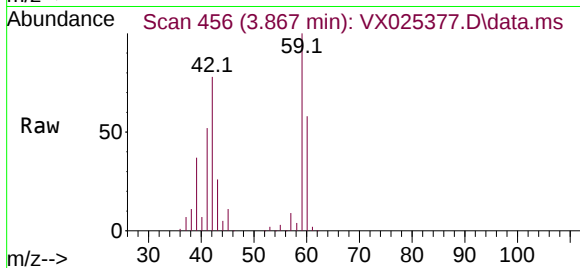




#23
 Vinyl Acetate
 Concen: 20.386 ug/l
 RT: 3.867 min Scan# 41
 Delta R.T. 0.146 min
 Lab File: VX025377.D
 Acq: 29 Nov 2021 18:08

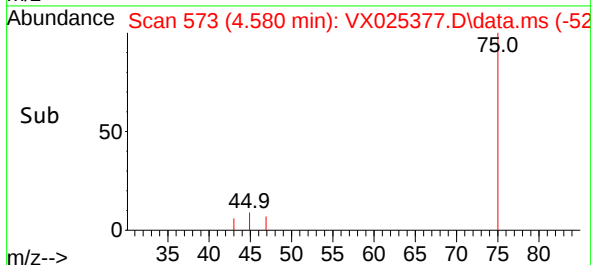
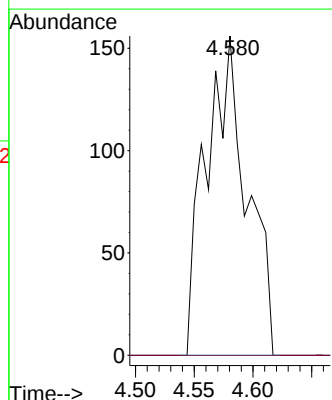
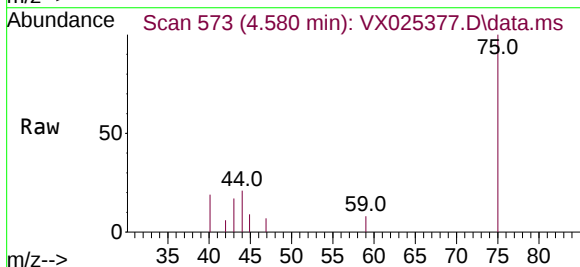
Instrument :
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 ClientSampleId :
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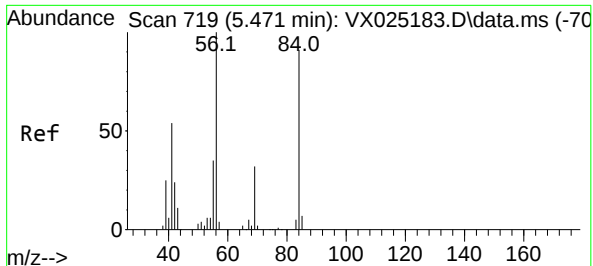
Tgt Ion: 43 Resp: 67496
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 0.348 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.024 min
 Lab File: VX025377.D
 Acq: 29 Nov 2021 18:08

Tgt Ion: 43 Resp: 380
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.2 31.8#

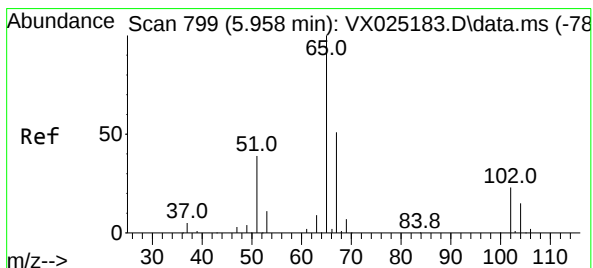
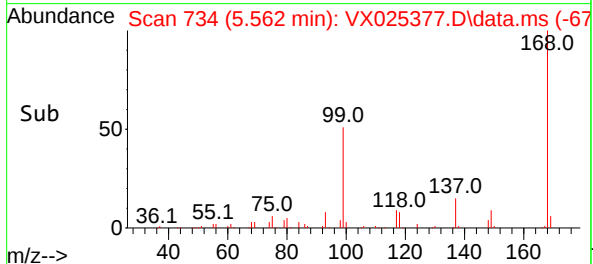
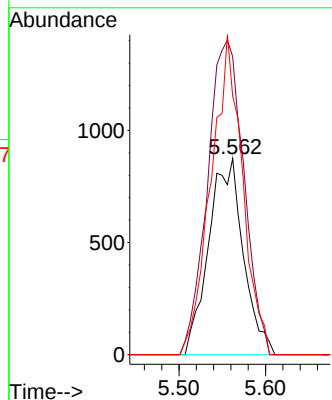
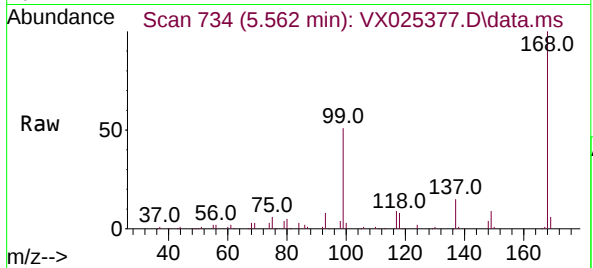




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

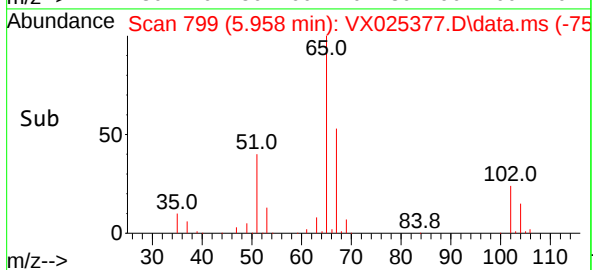
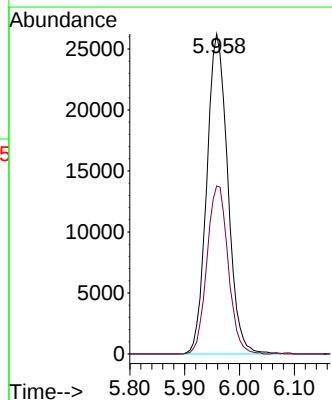
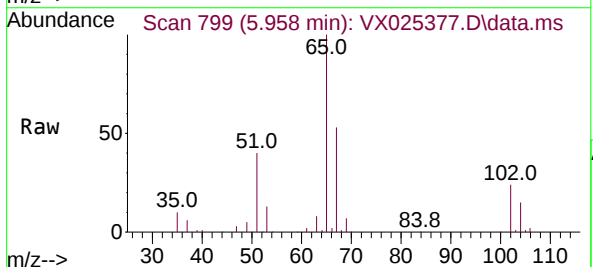
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MSVOA_X
ClientSampleId :
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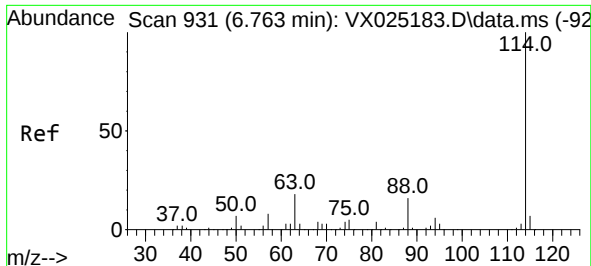
Tgt Ion: 56 Resp: 2425
Ion Ratio Lower Upper
56 100
69 151.9 24.2 36.2#
84 131.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 51.162 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 65 Resp: 69585
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.0

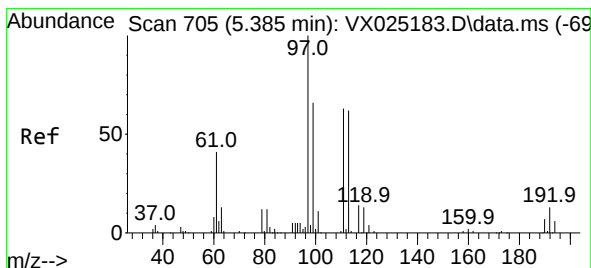
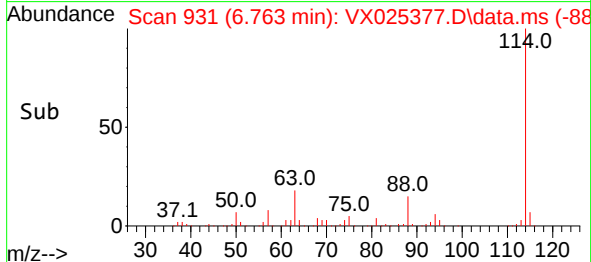
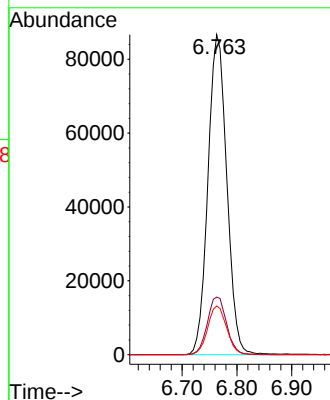
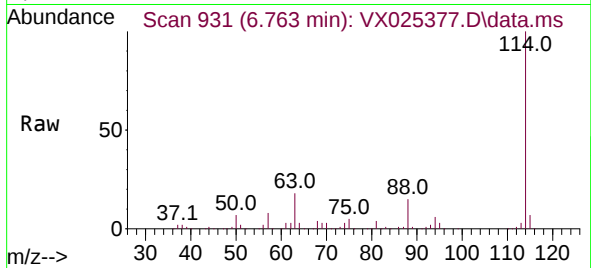




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

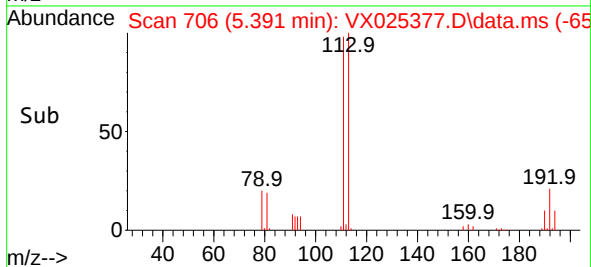
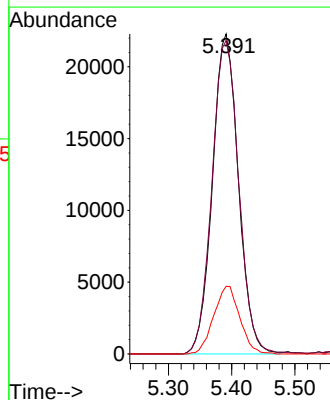
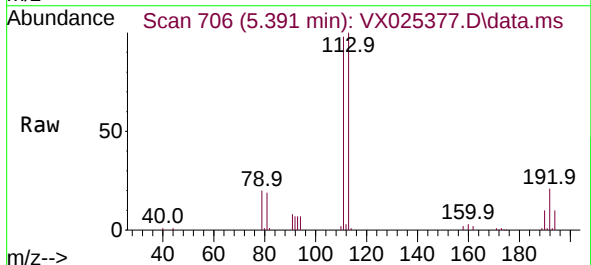
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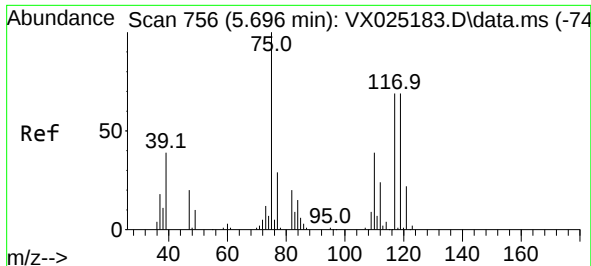
Tgt Ion:114 Resp: 206591
Ion Ratio Lower Upper
114 100
63 18.0 0.0 41.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.054 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion:113 Resp: 63447
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 21.2 15.6 23.4

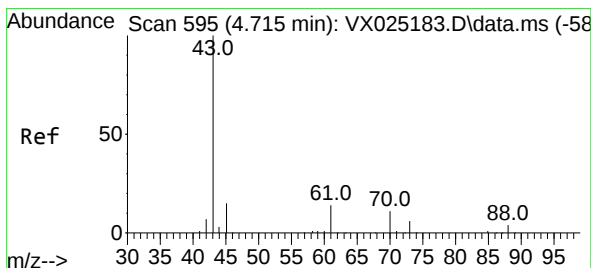
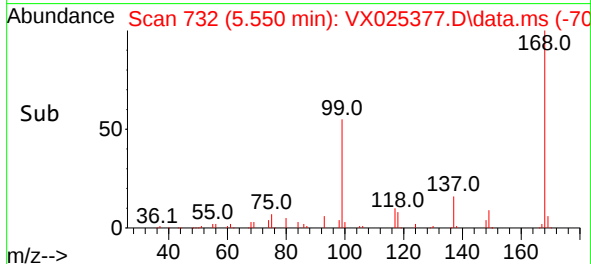
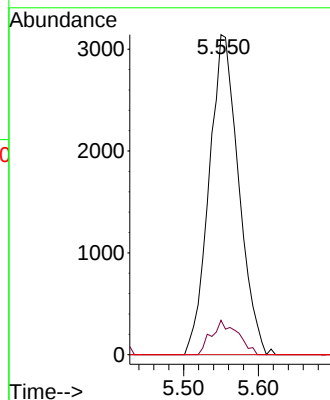
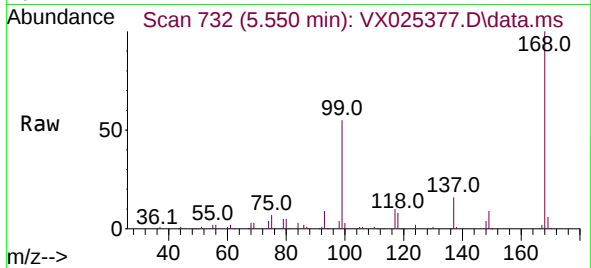




#36
1,1-Dichloropropene
Concen: 4.797 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

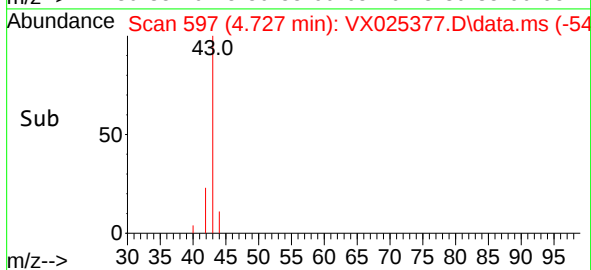
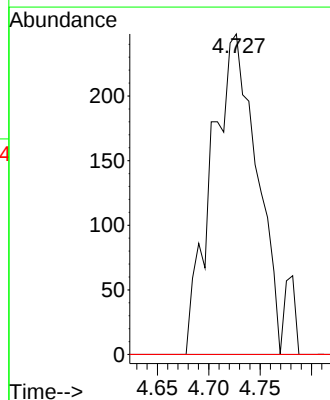
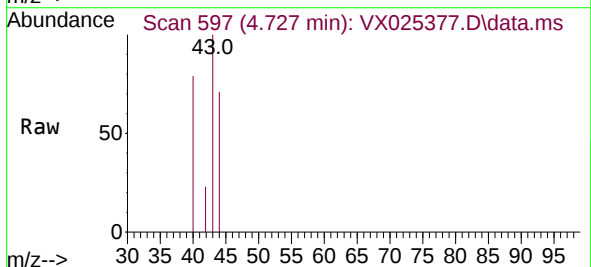
Instrument :
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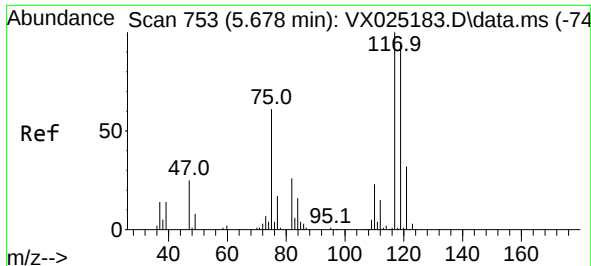
Tgt Ion: 75 Resp: 8646
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.370 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 8.6 12.8#

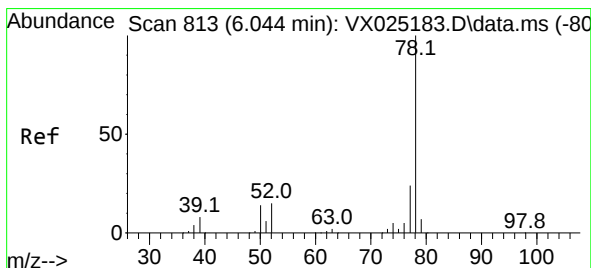
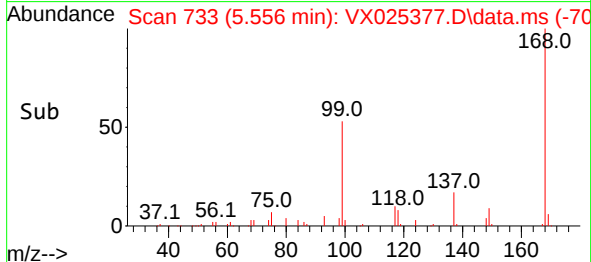
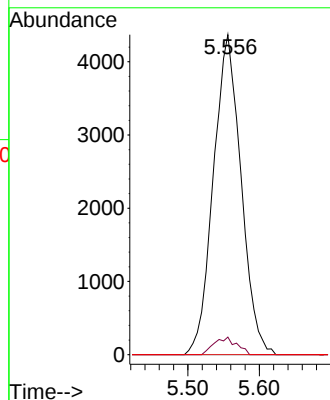
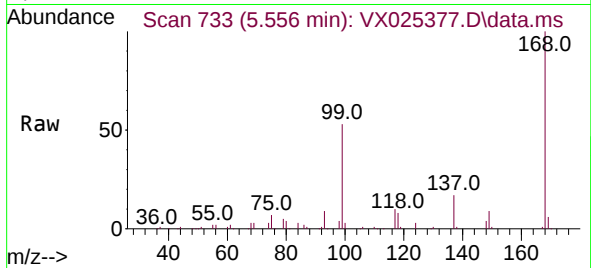




#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

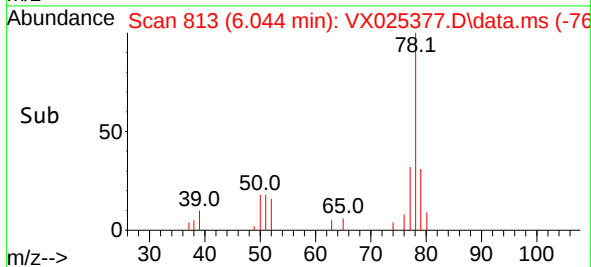
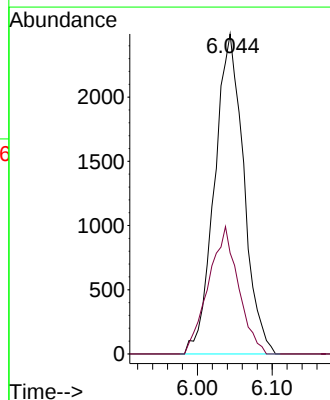
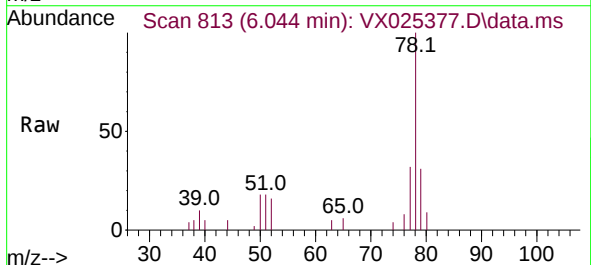
Instrument :
MSVOA_X
ClientSampleId :
20934

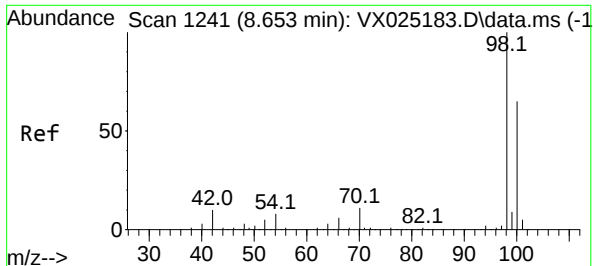
Tgt Ion:117 Resp: 11750
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 23.7 35.5#



#40
Benzene
Concen: 1.238 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 78 Resp: 6762
Ion Ratio Lower Upper
78 100
77 31.5 18.3 27.5#

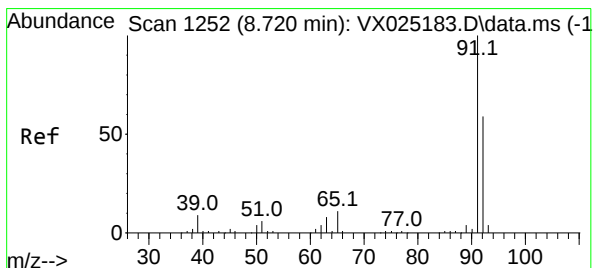
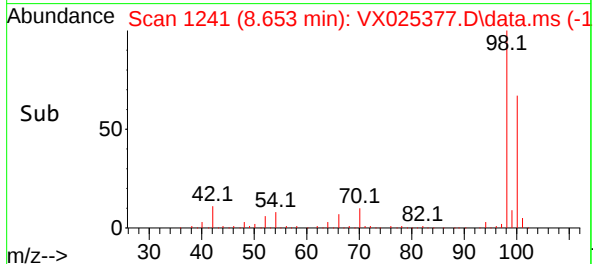
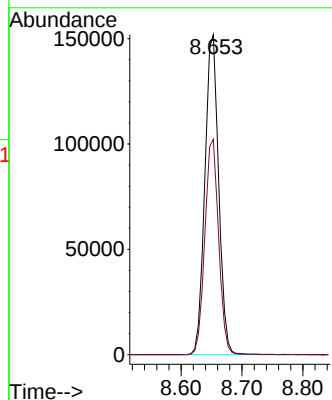
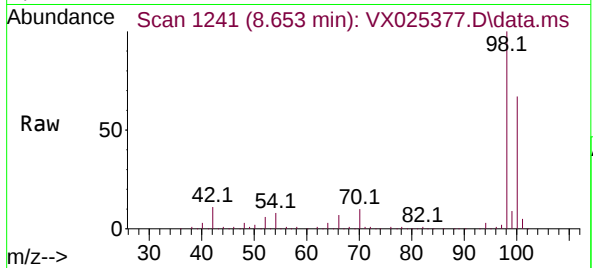




#50
Toluene-d8
Concen: 50.171 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

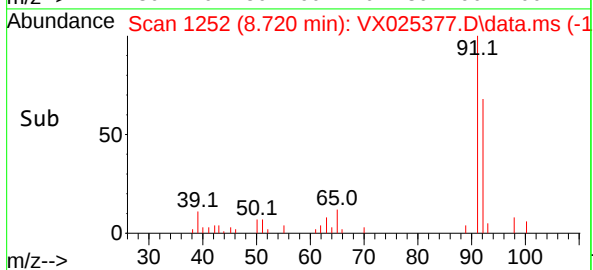
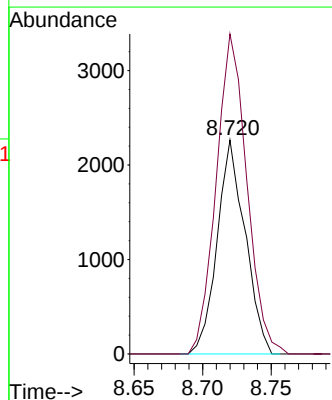
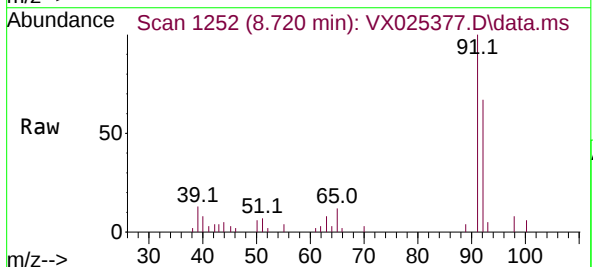
Instrument :
MSVOA_X
ClientSampleId :
20934

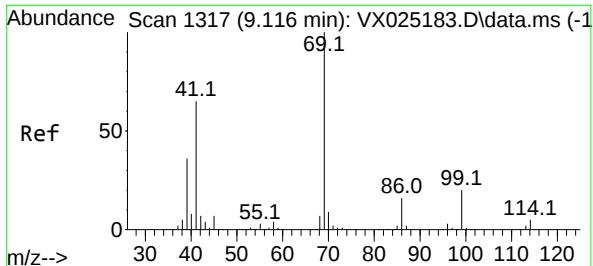
Tgt Ion: 98 Resp: 239111
Ion Ratio Lower Upper
98 100
100 67.3 51.4 77.0



#52
Toluene
Concen: 0.902 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 92 Resp: 3215
Ion Ratio Lower Upper
92 100
91 164.0 138.6 208.0





#56

Ethyl methacrylate

Concen: 0.359 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.122 min

Lab File: VX025377.D

Acq: 29 Nov 2021 18:08

Instrument :

MSVOA_X

ClientSampleId :

20934

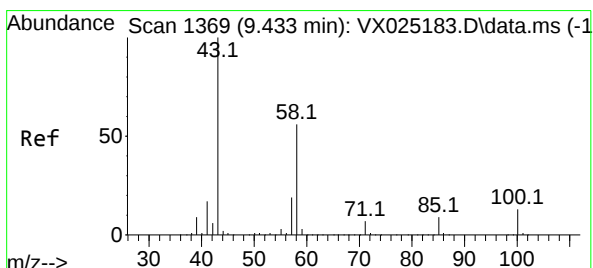
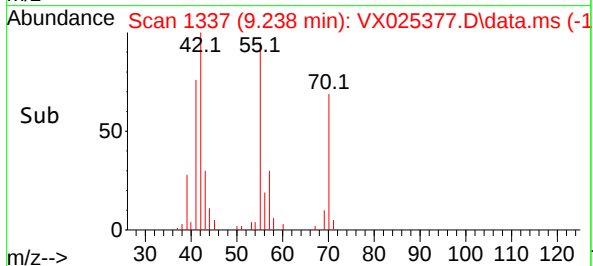
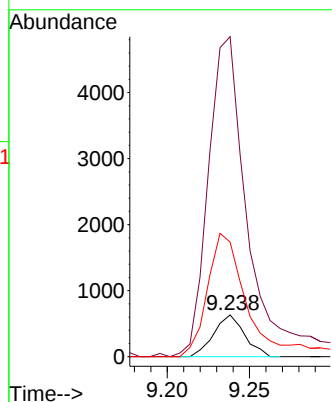
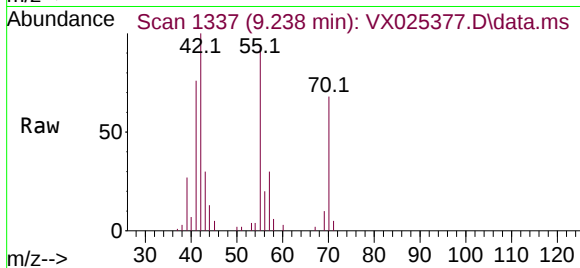
Tgt Ion: 69 Resp: 826

Ion Ratio Lower Upper

69 100

41 980.4 55.3 82.9#

39 384.4 30.2 45.4#



#59

2-Hexanone

Concen: 0.297 ug/l

RT: 9.348 min Scan# 1355

Delta R.T. -0.085 min

Lab File: VX025377.D

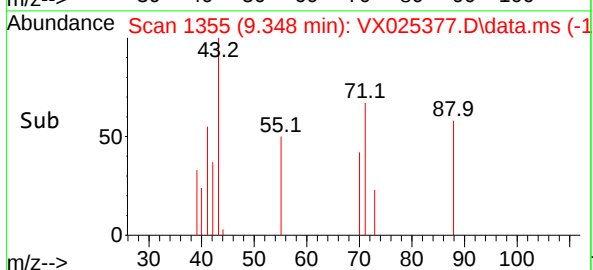
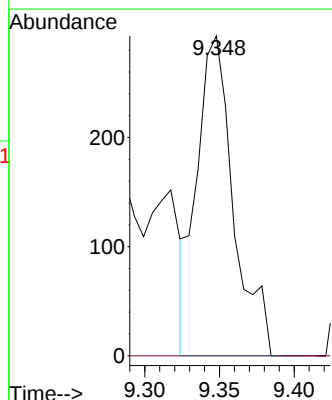
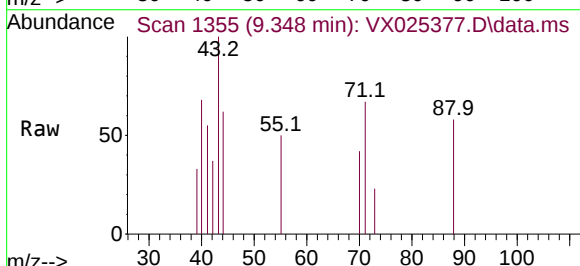
Acq: 29 Nov 2021 18:08

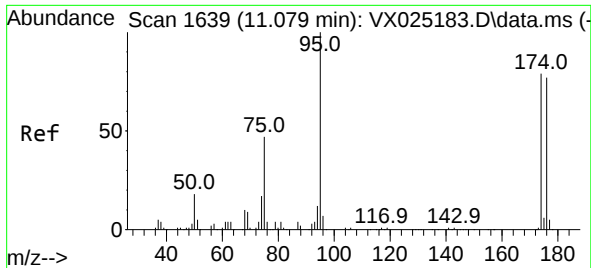
Tgt Ion: 43 Resp: 501

Ion Ratio Lower Upper

43 100

58 0.0 26.6 79.7#

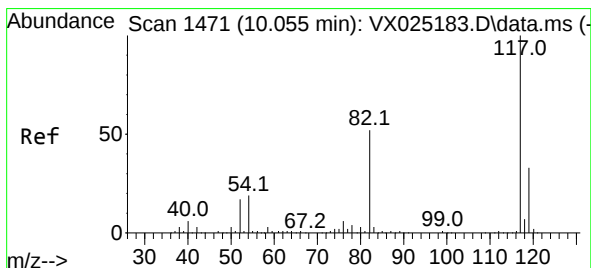
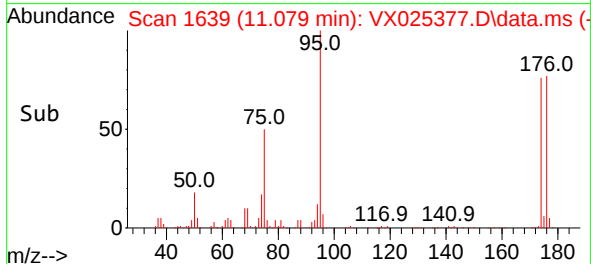
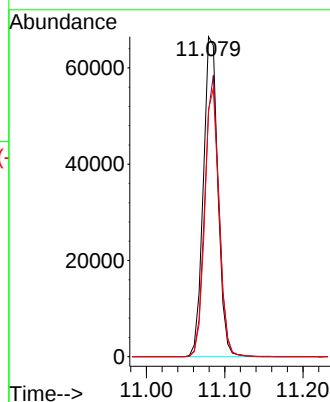
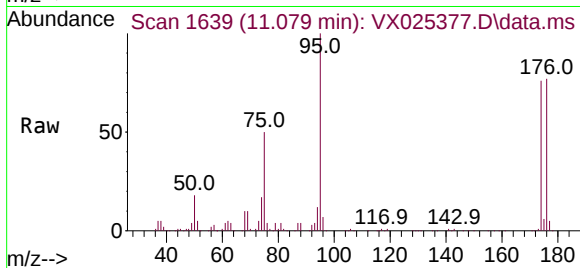




#62
4-Bromofluorobenzene
Concen: 47.671 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

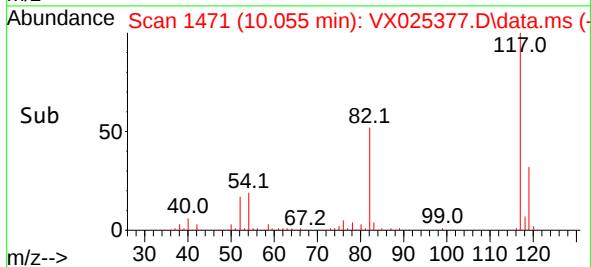
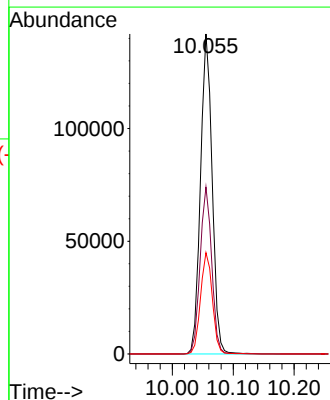
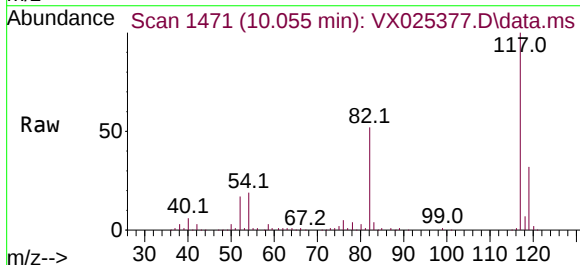
Instrument :
MSVOA_X
ClientSampleId :
20934

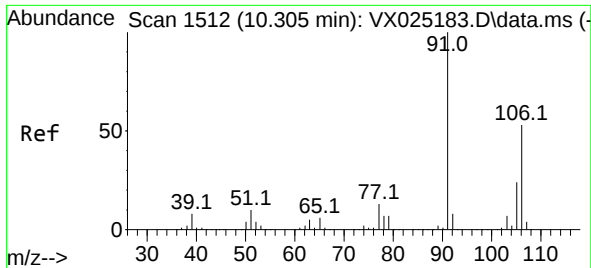
Tgt Ion: 95 Resp: 85951
Ion Ratio Lower Upper
95 100
174 85.7 0.0 158.0
176 82.5 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 117 Resp: 188887
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 31.7 24.8 37.2

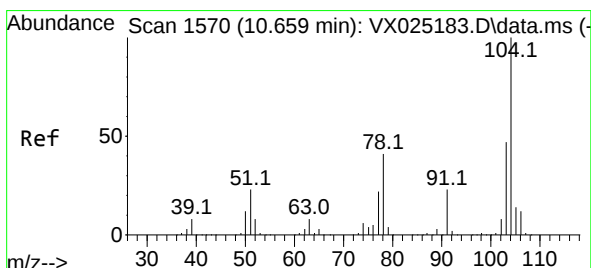
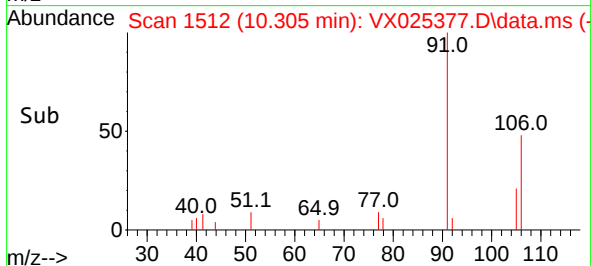
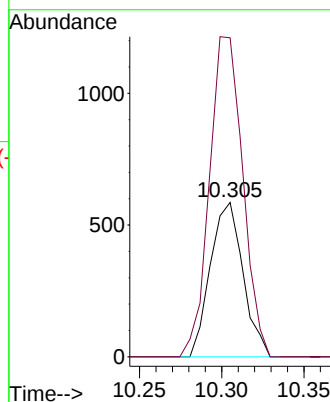
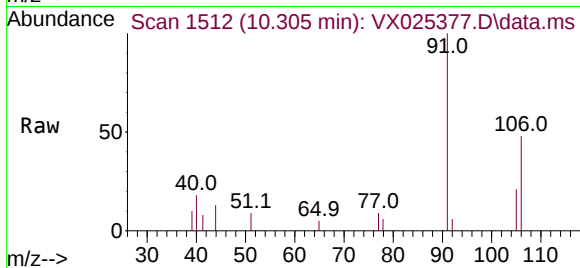




#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

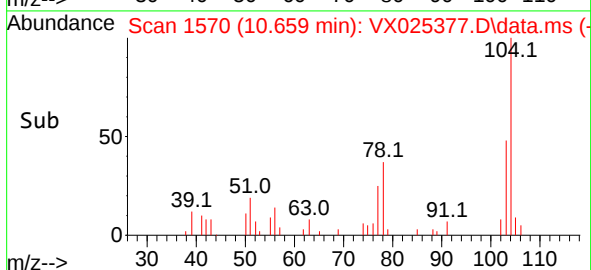
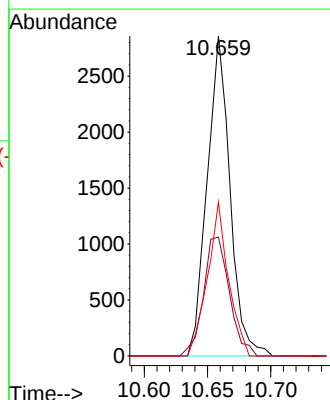
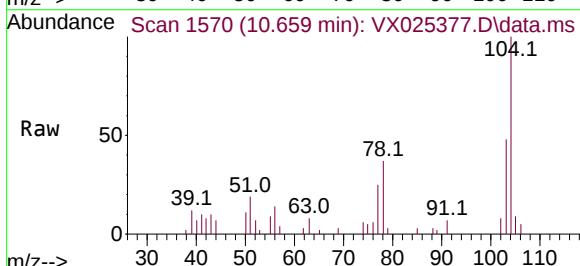
Instrument :
MSVOA_X
ClientSampleId :
20934

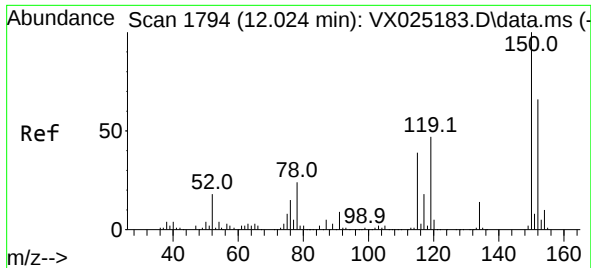
Tgt Ion:106 Resp: 807
Ion Ratio Lower Upper
106 100
91 212.6 163.4 245.0



#70
Styrene
Concen: 0.819 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion:104 Resp: 3596
Ion Ratio Lower Upper
104 100
78 42.1 41.3 61.9
103 44.2 43.5 65.3

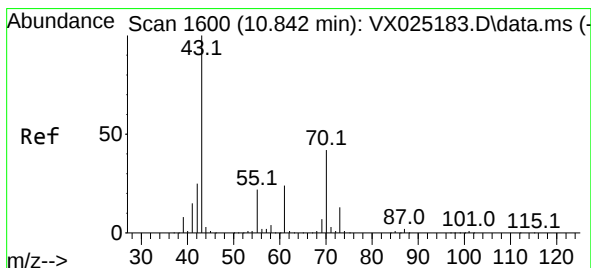
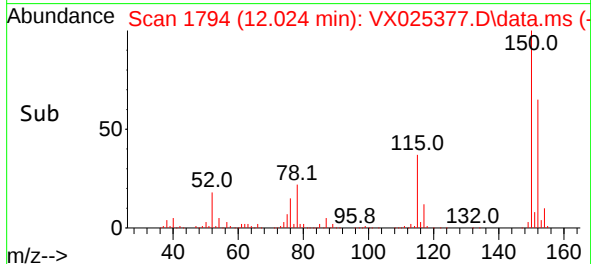
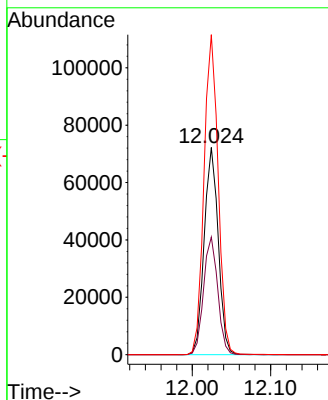
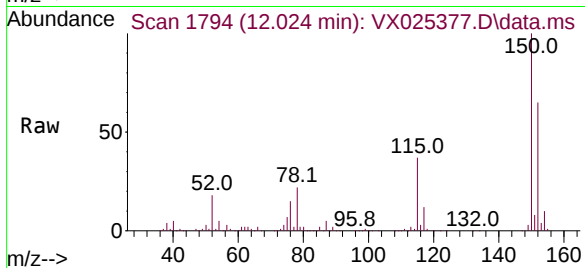




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

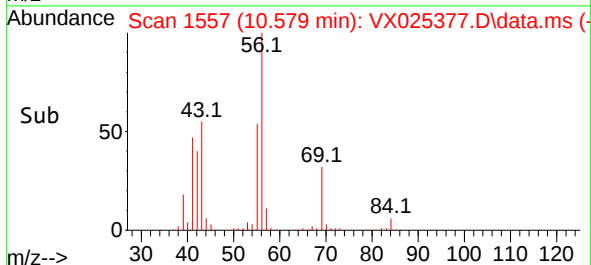
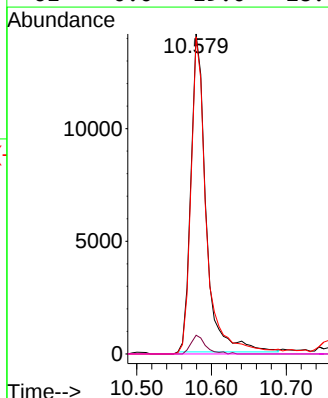
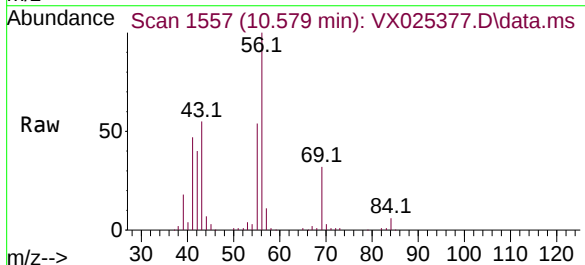
Instrument :
MSVOA_X
ClientSampleId :
20934

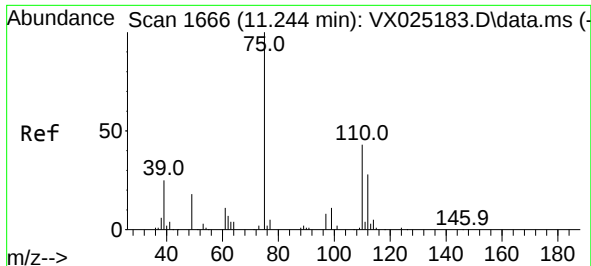
Tgt Ion:152 Resp: 89692
Ion Ratio Lower Upper
152 100
115 57.2 43.3 129.8
150 155.7 0.0 351.2



#74
N-ethyl acetate
Concen: 7.190 ug/l
RT: 10.579 min Scan# 1557
Delta R.T. -0.263 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 43 Resp: 19878
Ion Ratio Lower Upper
43 100
70 5.7 33.7 50.5#
55 99.8 19.7 29.5#
61 0.0 19.0 28.4#

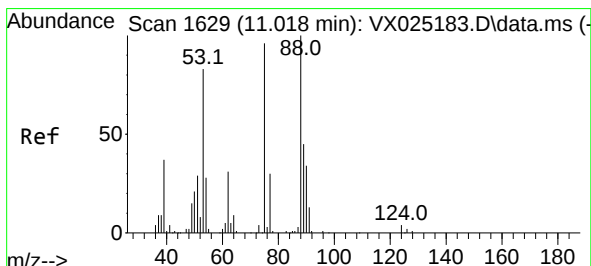
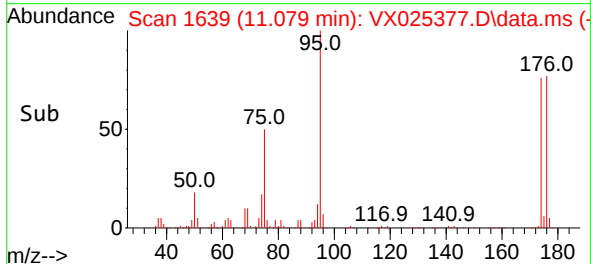
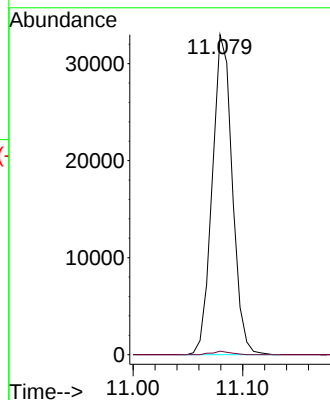
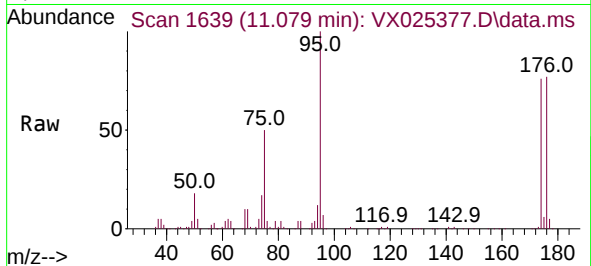




#76
1,2,3-Trichloropropane
Concen: 22.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

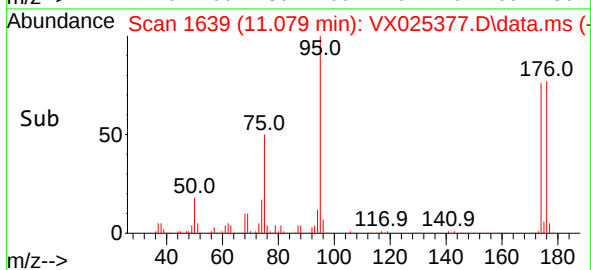
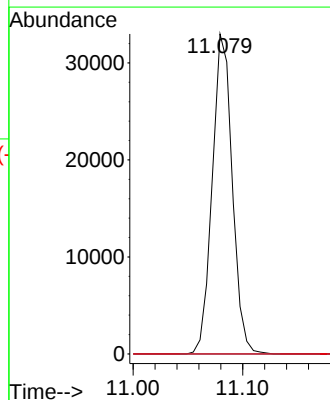
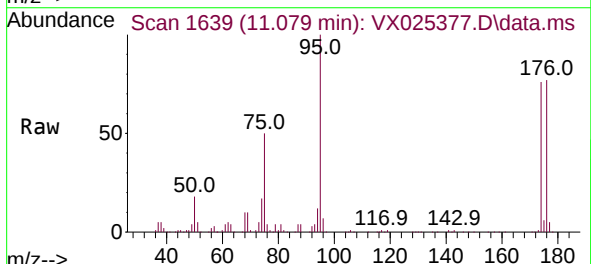
Instrument :
MSVOA_X
ClientSampleId :
20934

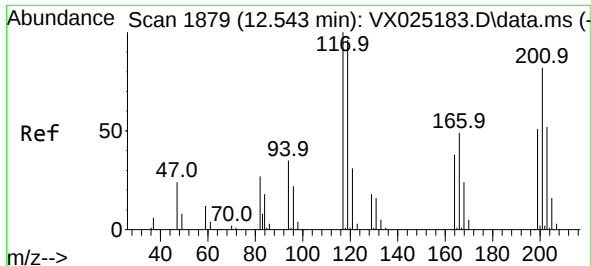
Tgt Ion: 75 Resp: 41835
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion: 75 Resp: 41835
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

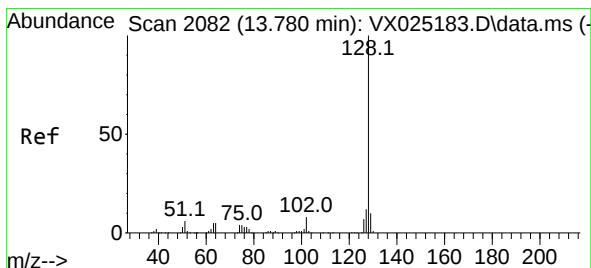
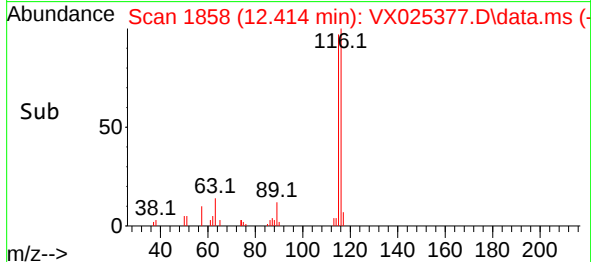
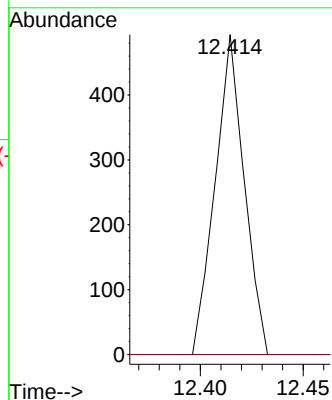
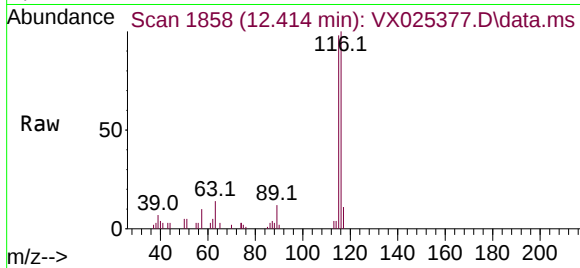




#90
Hexachloroethane
Concen: 0.460 ug/l
RT: 12.414 min Scan# 117
Delta R.T. -0.129 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Instrument :
MSVOA_X
ClientSampleId :
20934

Tgt Ion:117 Resp: 484
Ion Ratio Lower Upper
117 100
201 0.0 38.9 116.6#



#95
Naphthalene
Concen: 0.363 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025377.D
Acq: 29 Nov 2021 18:08

Tgt Ion:128 Resp: 4449
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 10.6 8.8 13.2

