

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043197.D
 Acq On : 30 Sep 2024 14:42
 Operator : JC/MD
 Sample : PB163747TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

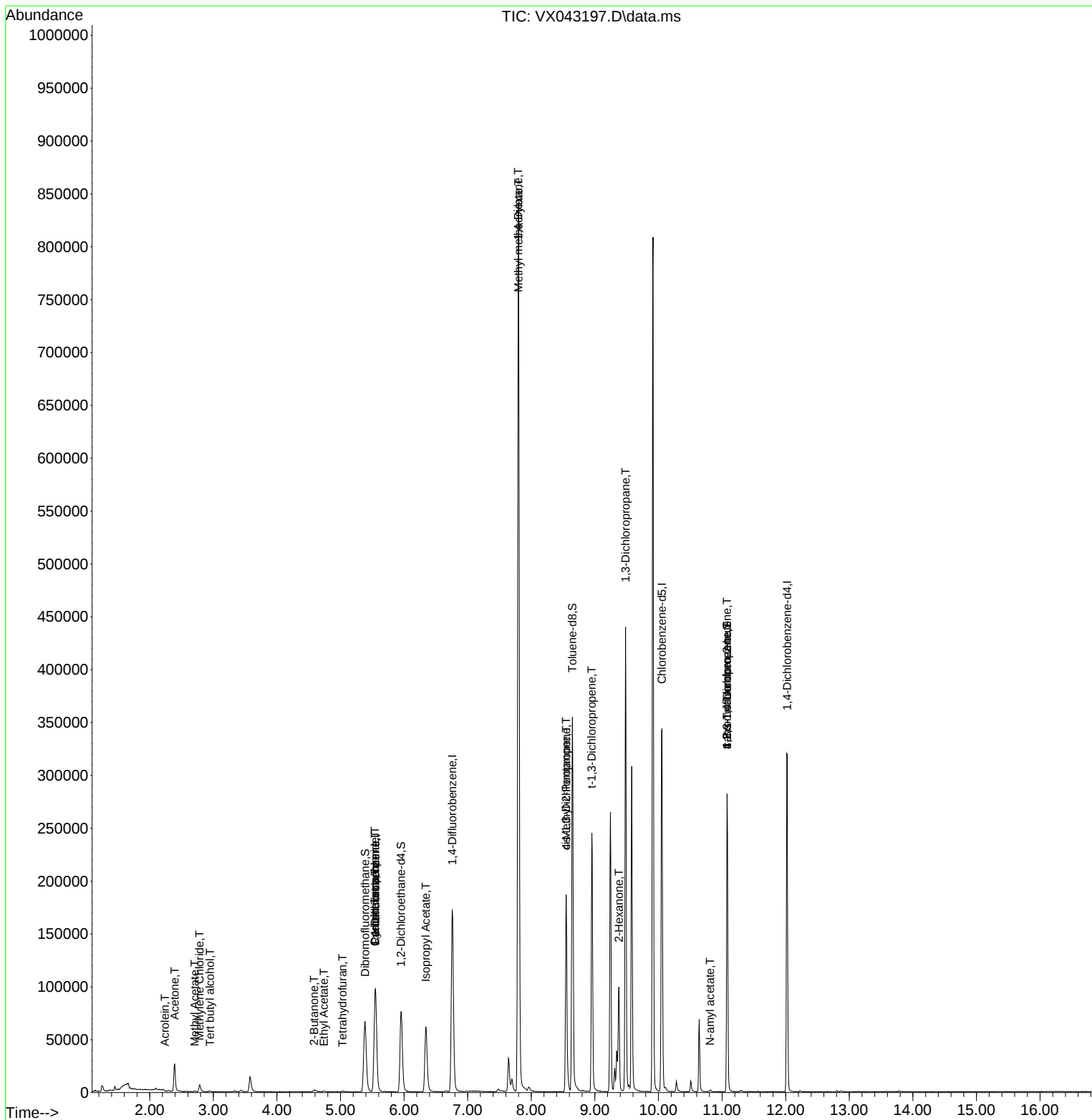
Quant Time: Oct 01 01:52:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

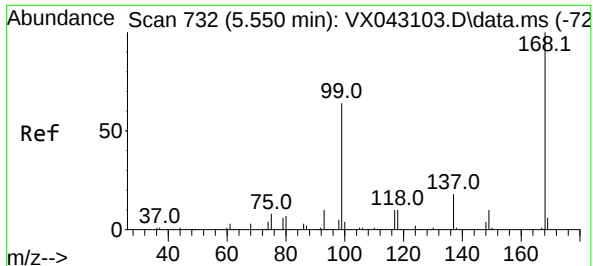
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	90147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78251	52.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.520%			
35) Dibromofluoromethane	5.385	113	59071	47.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.860%			
50) Toluene-d8	8.647	98	208218	49.413	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.820%			
62) 4-Bromofluorobenzene	11.079	95	75598	44.549	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.100%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	360	1.077	ug/l #	71
13) Acrolein	2.239	56	156	3.542	ug/l #	55
16) Acetone	2.392	43	32337	46.178	ug/l	98
18) Methyl Acetate	2.709	43	1457	0.773	ug/l #	85
20) Methylene Chloride	2.782	84	3390	3.043	ug/l	91
25) 2-Butanone	4.587	43	4603	5.099	ug/l	99
29) Tetrahydrofuran	5.032	42	288	0.531	ug/l #	55
31) Cyclohexane	5.544	56	2202	1.495	ug/l #	22
36) 1,1-Dichloropropene	5.544	75	7488	4.893	ug/l #	51
37) Ethyl Acetate	4.739	43	1773	0.922	ug/l #	87
38) Carbon Tetrachloride	5.544	117	9714	4.927	ug/l #	16
43) Isopropyl Acetate	6.342	43	88301	27.501	ug/l	100
48) Methyl methacrylate	7.799	41	76375	48.428	ug/l #	44
49) 1,4-Dioxane	7.793	88	85	2.855	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	68939	34.950	ug/l #	47
53) t-1,3-Dichloropropene	8.952	75	491	0.243	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	29413	14.567	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	3657	1.796	ug/l #	42
59) 2-Hexanone	9.378	43	77058	49.961	ug/l #	26
74) N-amyl acetate	10.811	43	850	0.364	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	40768	28.942	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40768	68.957	ug/l #	7

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

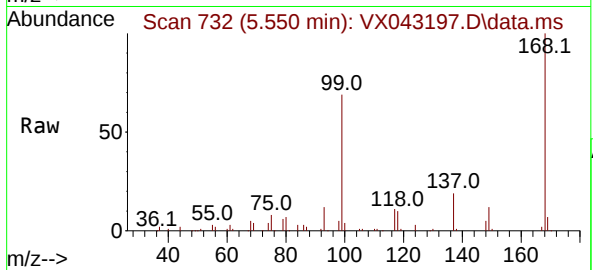
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration



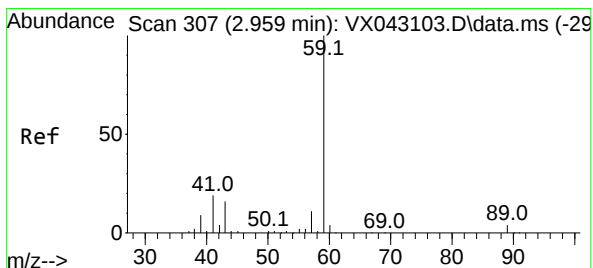
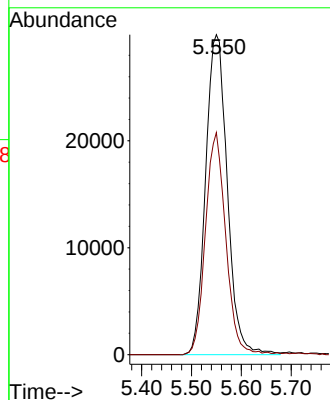
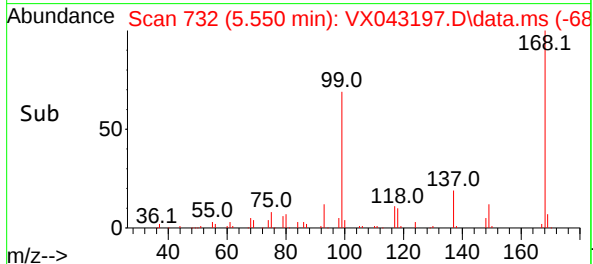


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :

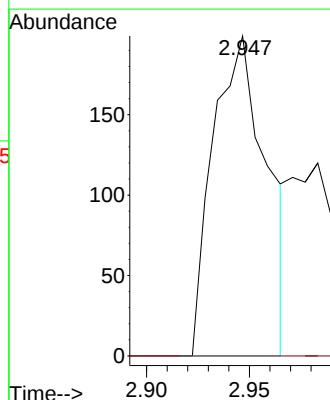
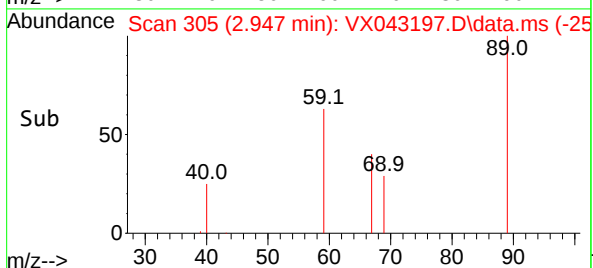
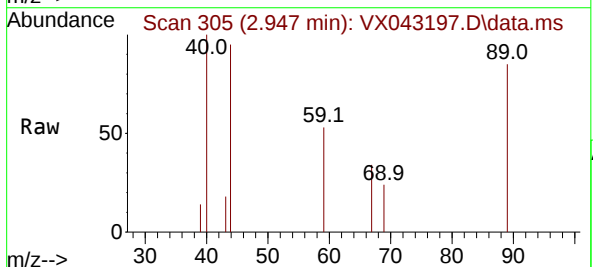


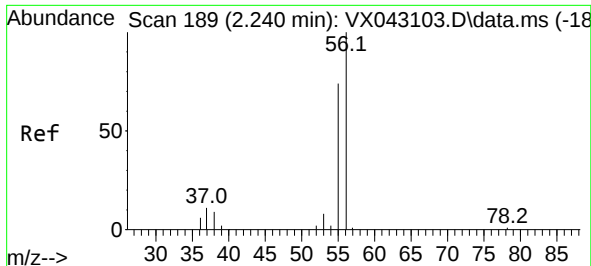
Tgt Ion:168 Resp: 90147
Ion Ratio Lower Upper
168 100
99 69.4 50.8 76.2



#11
Tert butyl alcohol
Concen: 1.077 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

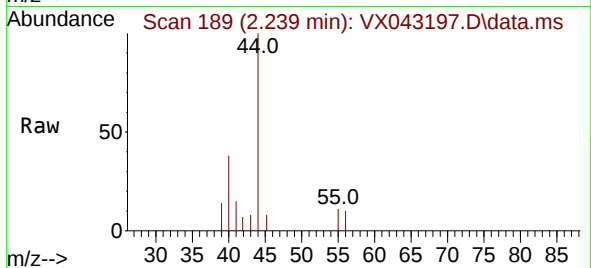
Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



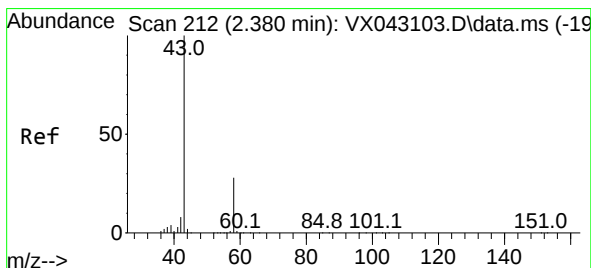
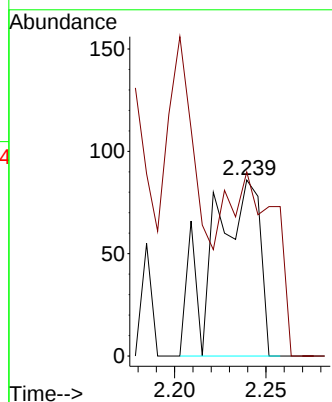
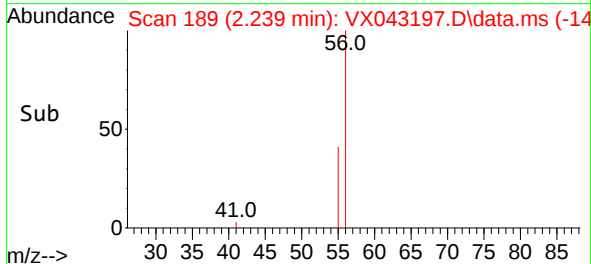


#13
Acrolein
Concen: 3.542 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :

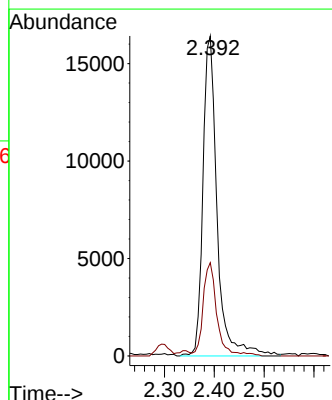
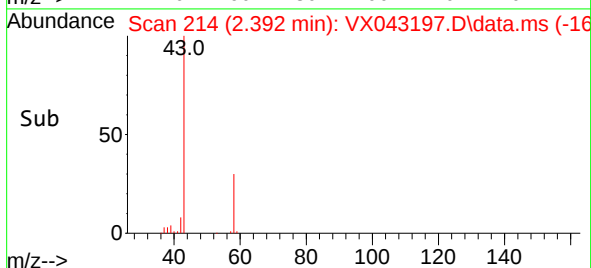
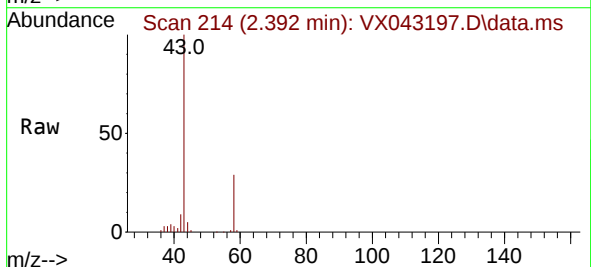


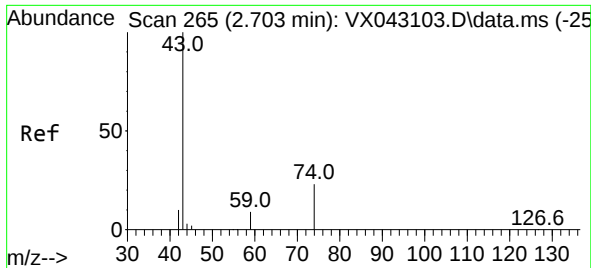
Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 106.4 55.8 83.6#



#16
Acetone
Concen: 46.178 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Tgt Ion: 43 Resp: 32337
Ion Ratio Lower Upper
43 100
58 29.1 22.6 34.0

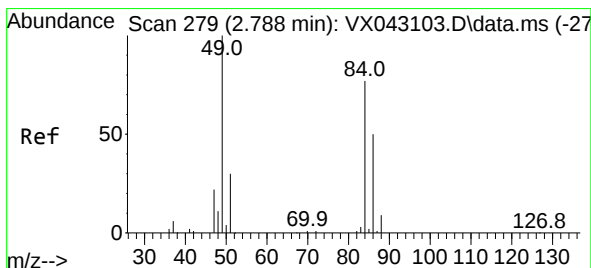
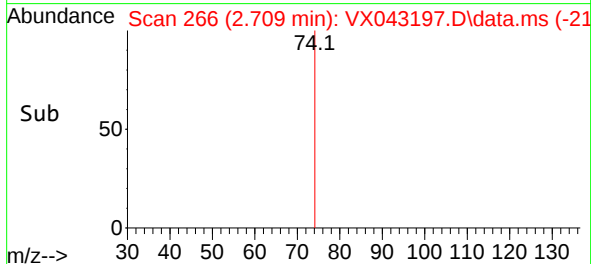
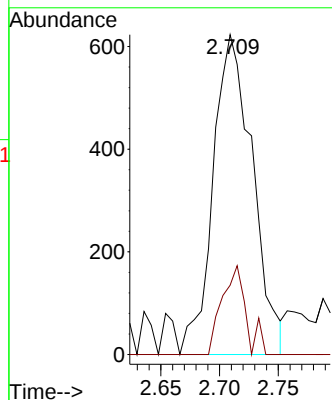
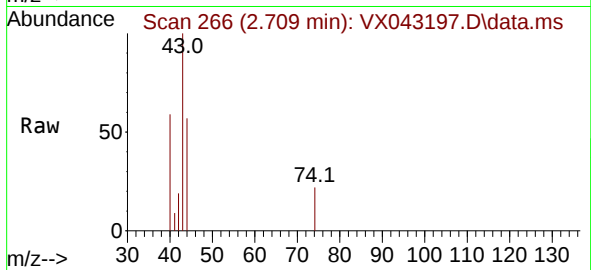




#18
Methyl Acetate
Concen: 0.773 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

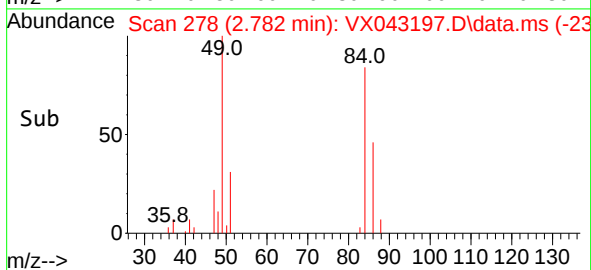
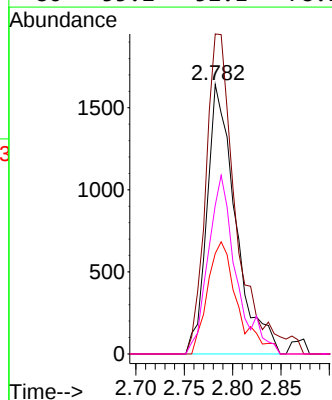
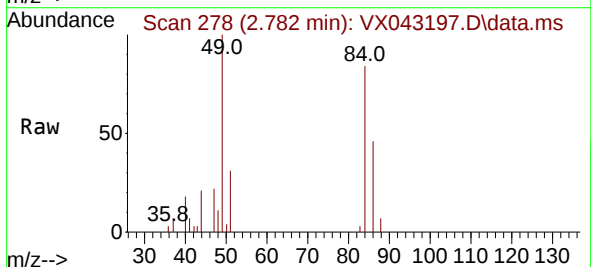
Instrument :
MSVOA_X
ClientSampleId :

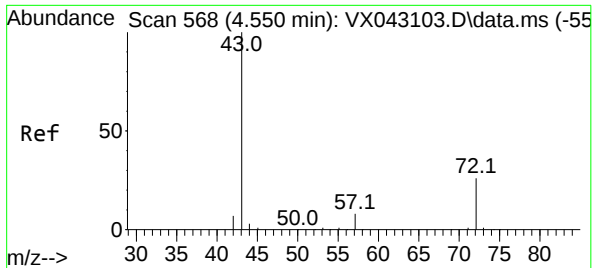
Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
74 16.8 19.2 28.8#



#20
Methylene Chloride
Concen: 3.043 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Tgt Ion: 84 Resp: 3390
Ion Ratio Lower Upper
84 100
49 118.8 104.1 156.1
51 37.3 31.1 46.7
86 55.2 52.1 78.1

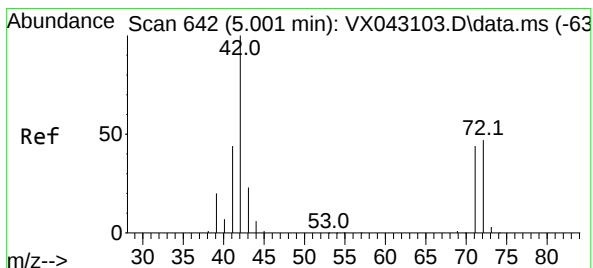
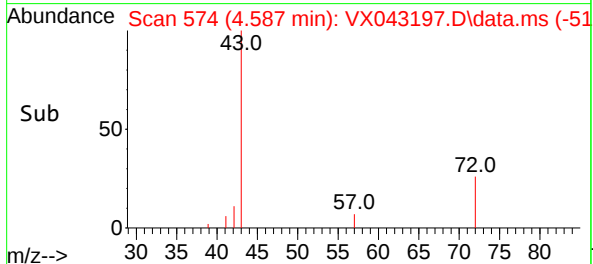
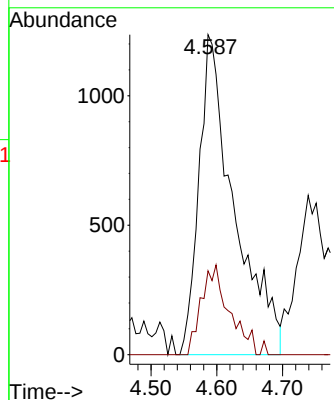
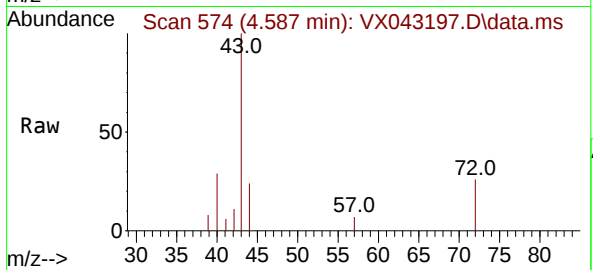




#25
2-Butanone
Concen: 5.099 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

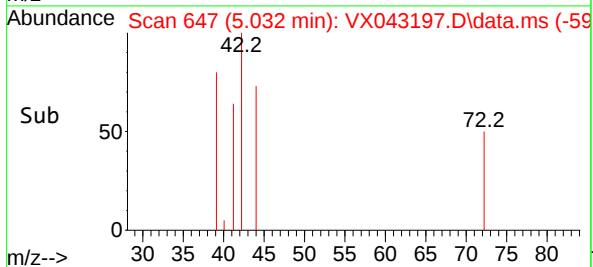
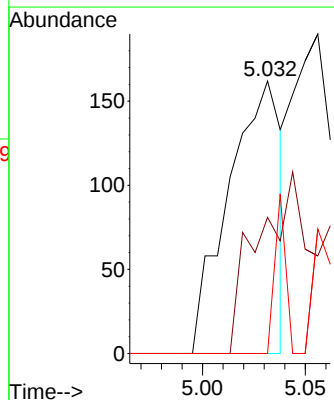
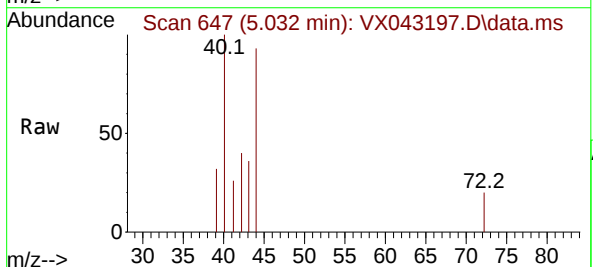
Instrument :
MSVOA_X
ClientSampleId :

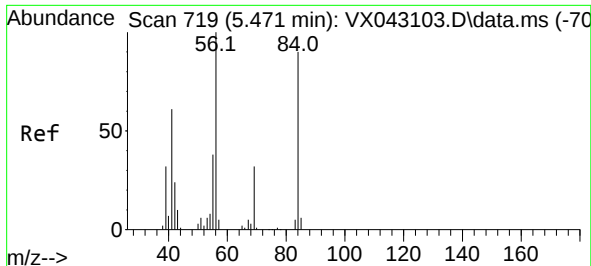
Tgt Ion: 43 Resp: 4603
Ion Ratio Lower Upper
43 100
72 26.2 20.7 31.1



#29
Tetrahydrofuran
Concen: 0.531 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

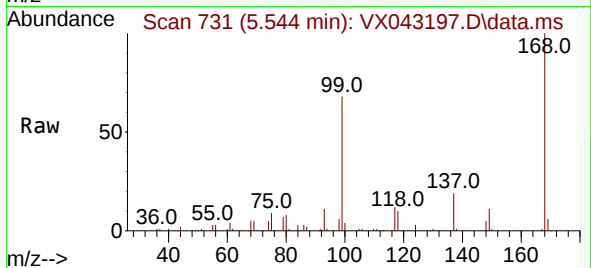
Tgt Ion: 42 Resp: 288
Ion Ratio Lower Upper
42 100
72 74.3 37.6 56.4#
71 12.2 34.8 52.2#



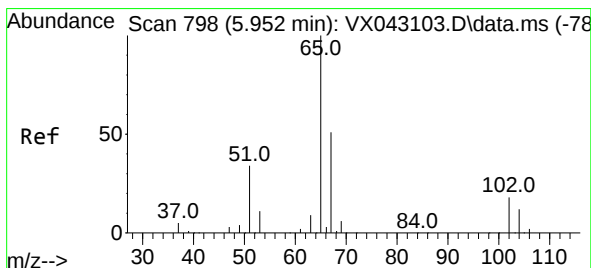
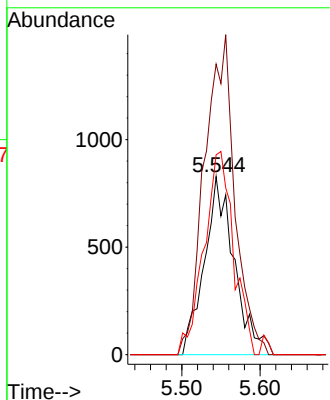
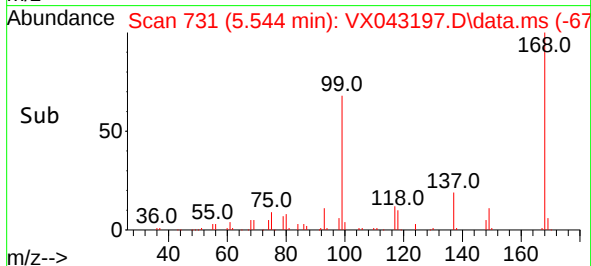


#31
Cyclohexane
Concen: 1.495 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :

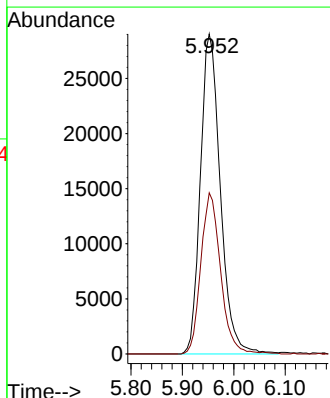
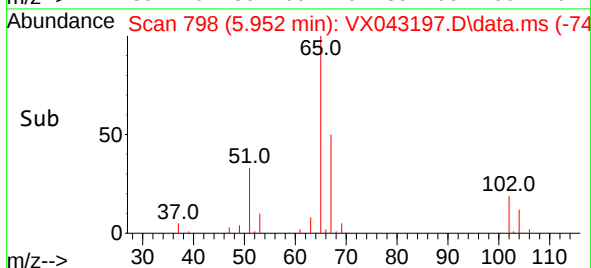
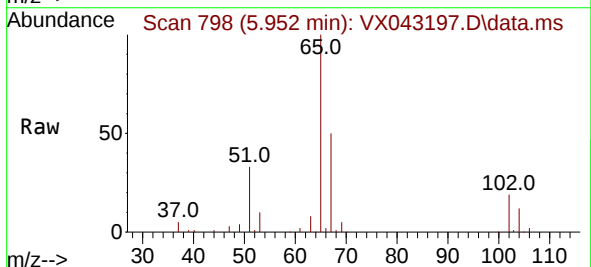


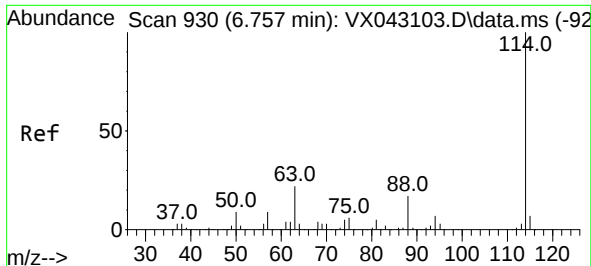
Tgt Ion: 56 Resp: 2202
Ion Ratio Lower Upper
56 100
69 163.2 25.8 38.6#
84 112.2 72.4 108.6#



#33
1,2-Dichloroethane-d4
Concen: 52.258 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

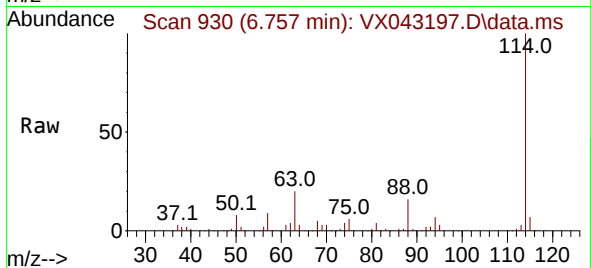
Tgt Ion: 65 Resp: 78251
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0



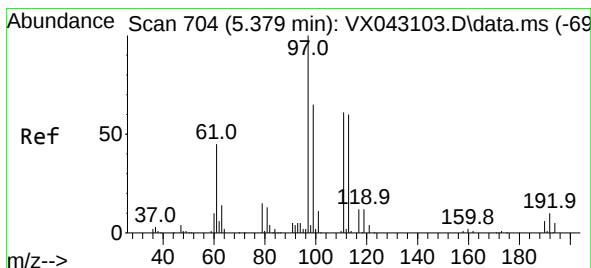
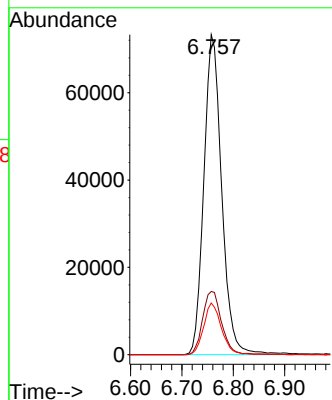
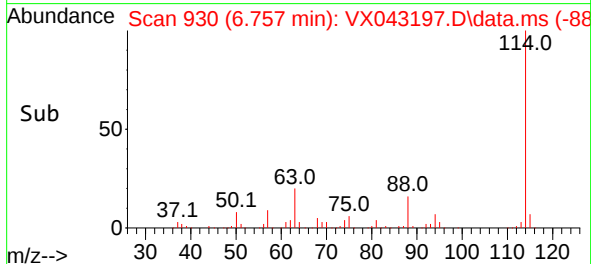


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :

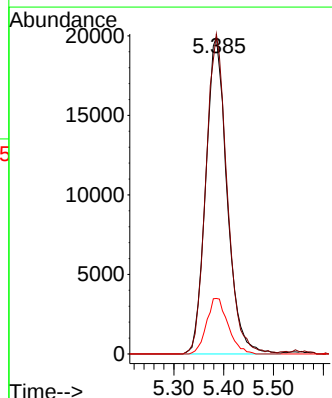
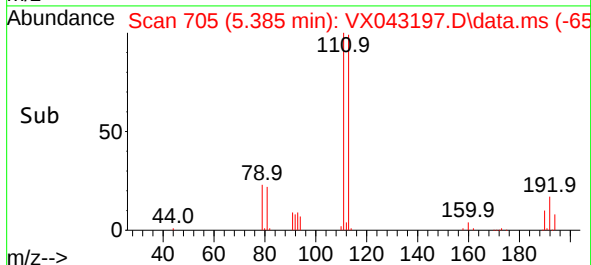
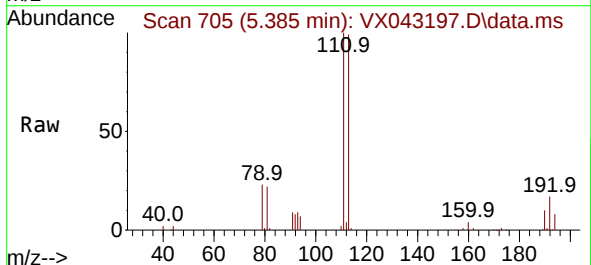


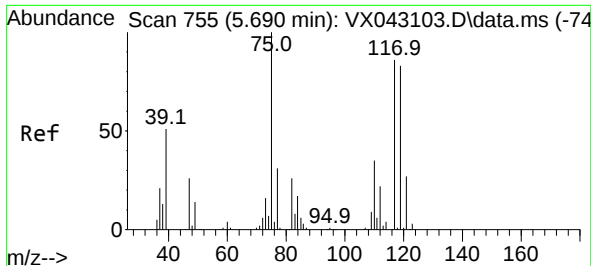
Tgt Ion:114 Resp: 176558
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.428 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

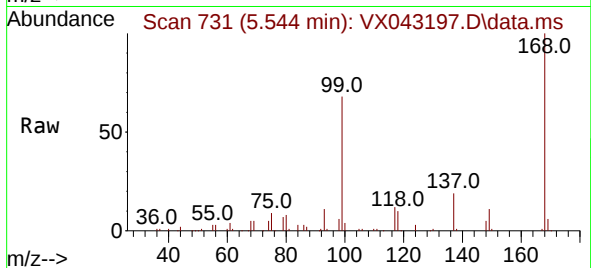
Tgt Ion:113 Resp: 59071
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 17.7 14.6 22.0



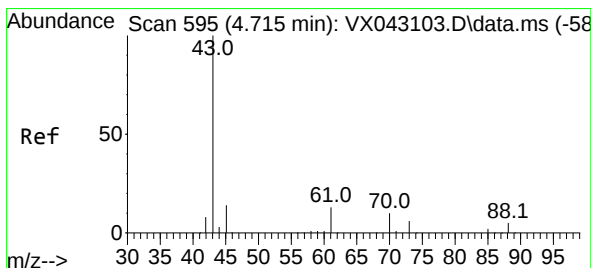
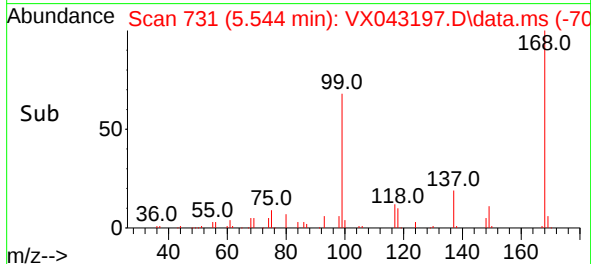
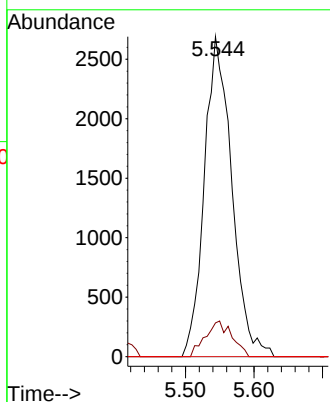


#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :

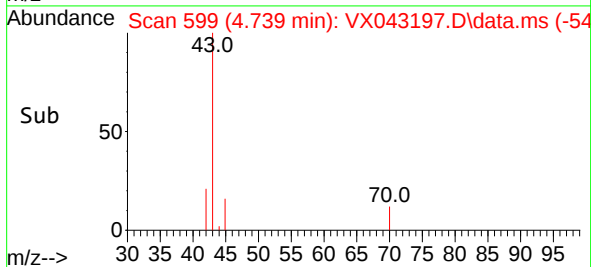
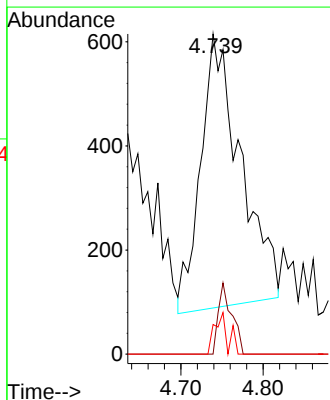
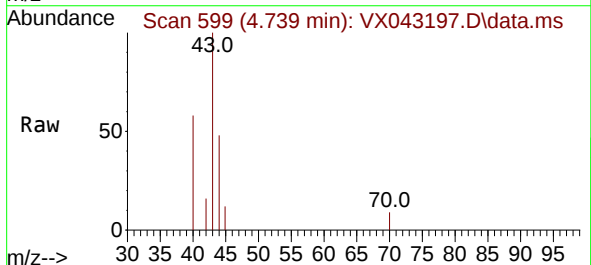


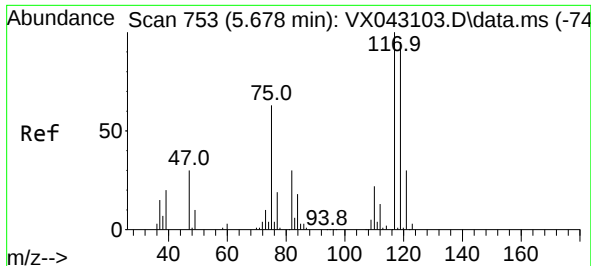
Tgt Ion: 75 Resp: 7488
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.4#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 0.922 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

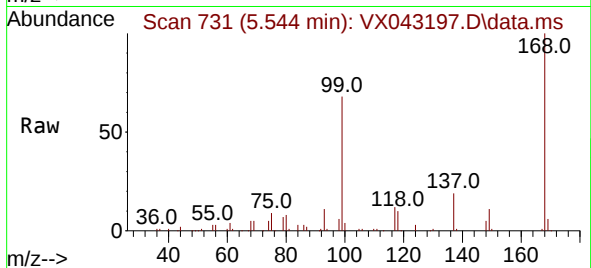
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
61 8.8 10.9 16.3#
70 5.0 8.6 13.0#



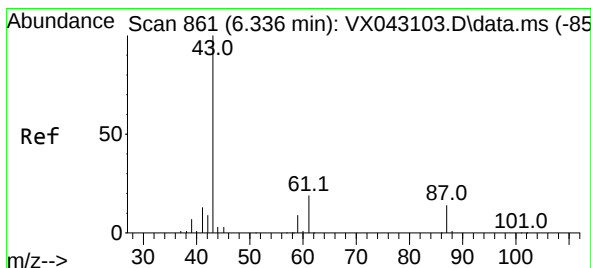
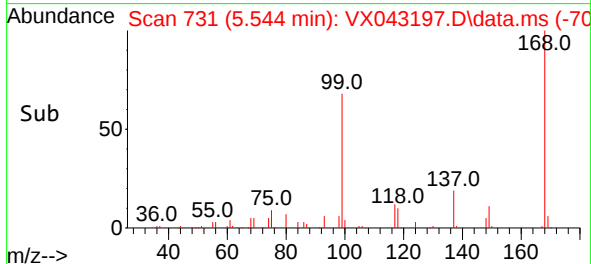
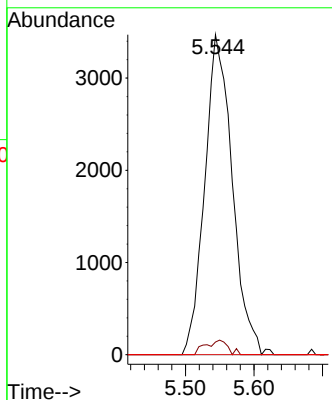


#38
Carbon Tetrachloride
Concen: 4.927 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :

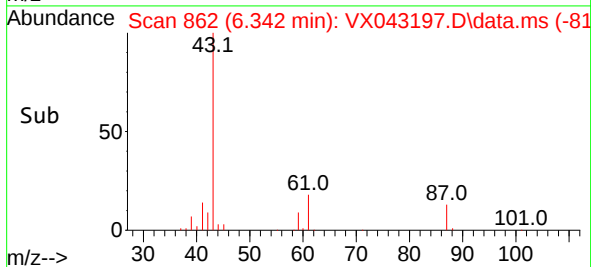
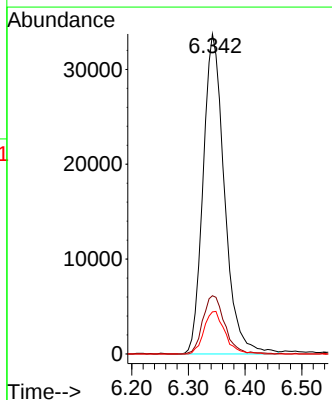
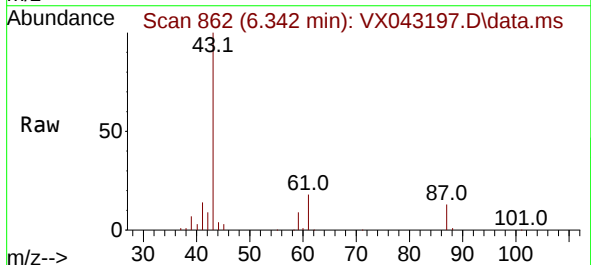


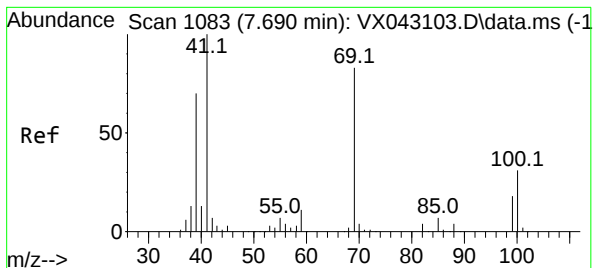
Tgt Ion:117 Resp: 9714
Ion Ratio Lower Upper
117 100
119 3.9 75.5 113.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 27.501 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Tgt Ion: 43 Resp: 88301
Ion Ratio Lower Upper
43 100
61 18.8 15.0 22.6
87 13.0 10.6 16.0





#48

Methyl methacrylate

Concen: 48.428 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX043197.D

Acq: 30 Sep 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

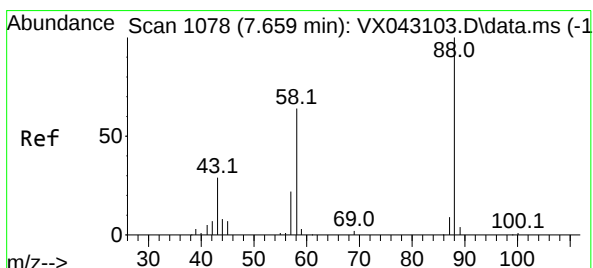
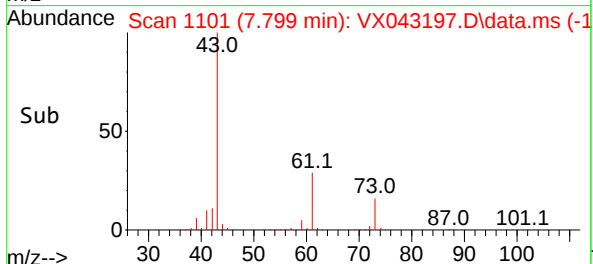
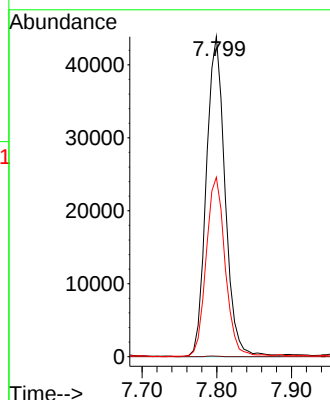
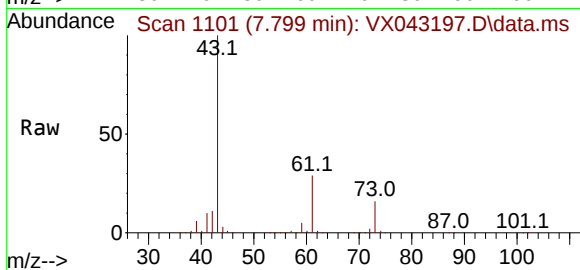
Tgt Ion: 41 Resp: 76375

Ion Ratio Lower Upper

41 100

69 0.1 65.0 97.6#

39 57.0 55.0 82.6



#49

1,4-Dioxane

Concen: 2.855 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX043197.D

Acq: 30 Sep 2024 14:42

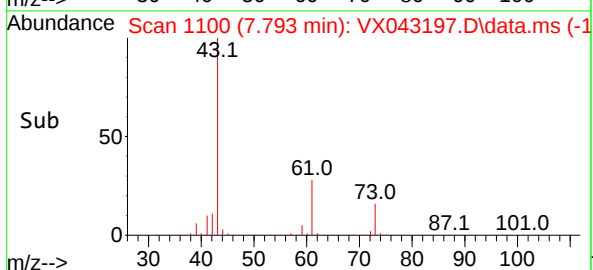
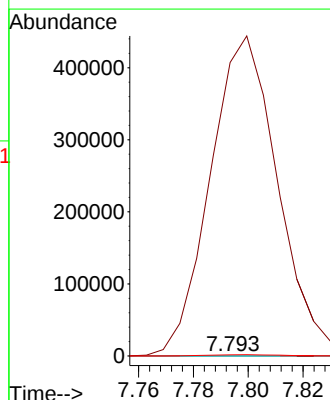
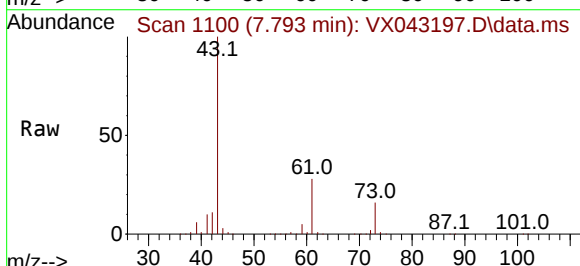
Tgt Ion: 88 Resp: 85

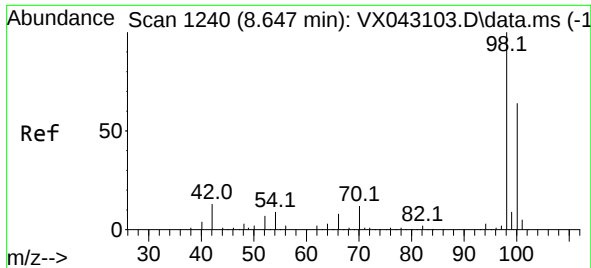
Ion Ratio Lower Upper

88 100

43 914182.4 29.5 44.3#

58 3709.4 52.5 78.7#

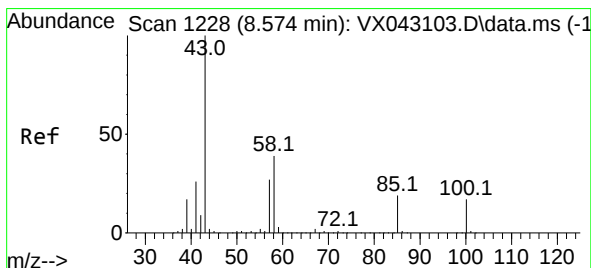
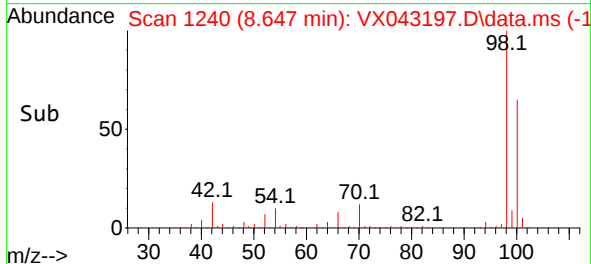
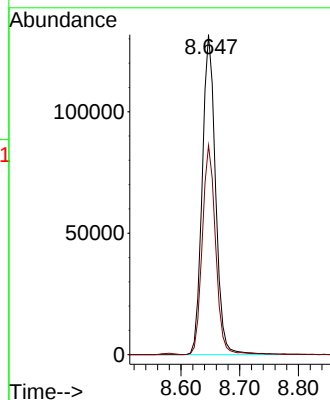
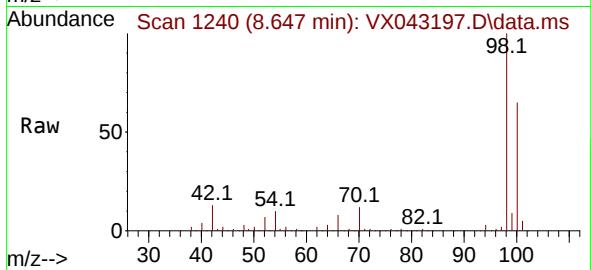




#50
Toluene-d8
Concen: 49.413 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

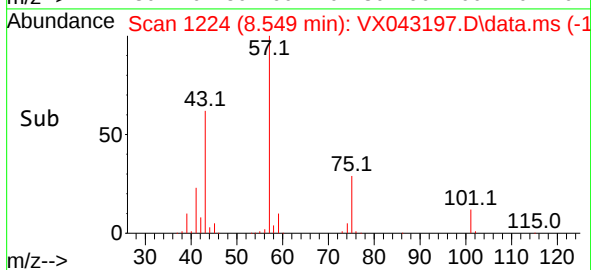
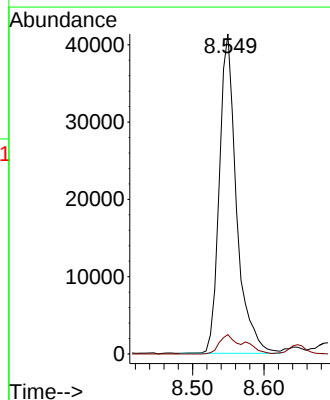
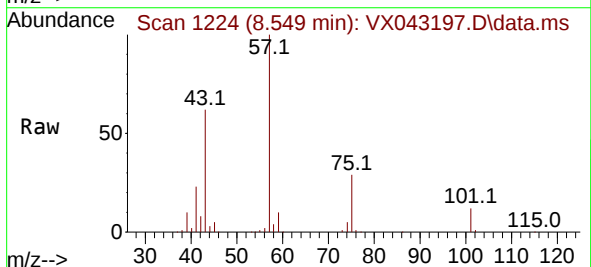
Instrument :
MSVOA_X
ClientSampleId :

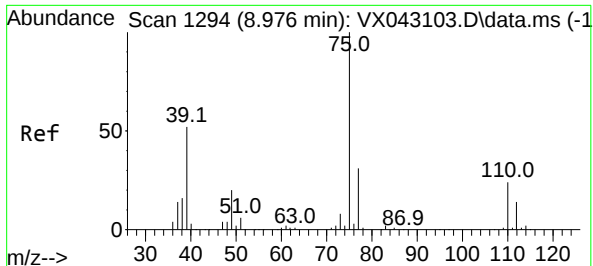
Tgt Ion: 98 Resp: 208218
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 34.950 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Tgt Ion: 43 Resp: 68939
Ion Ratio Lower Upper
43 100
58 6.0 30.3 45.5#





#53

t-1,3-Dichloropropene

Concen: 0.243 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX043197.D

Acq: 30 Sep 2024 14:42

Instrument :

MSVOA_X

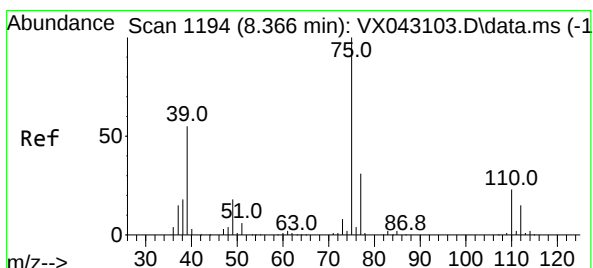
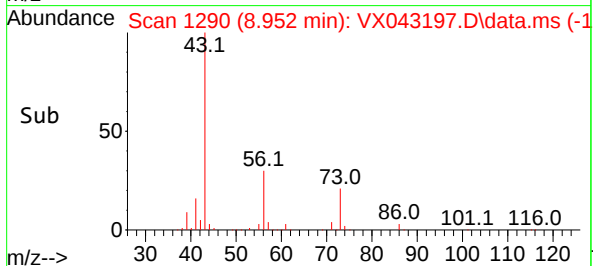
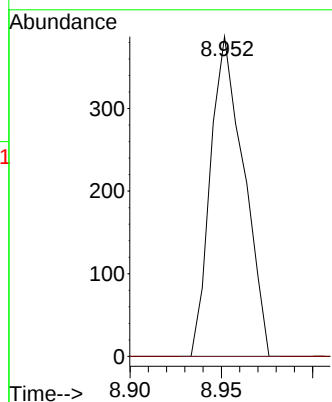
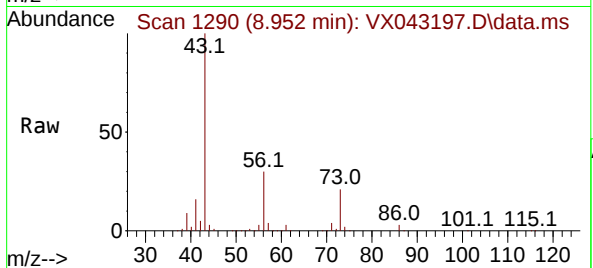
ClientSampleId :

Tgt Ion: 75 Resp: 491

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 14.567 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043197.D

Acq: 30 Sep 2024 14:42

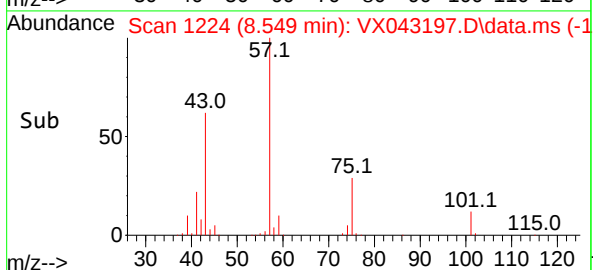
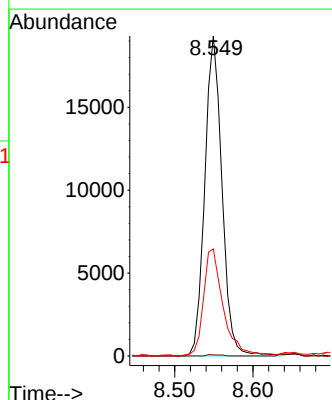
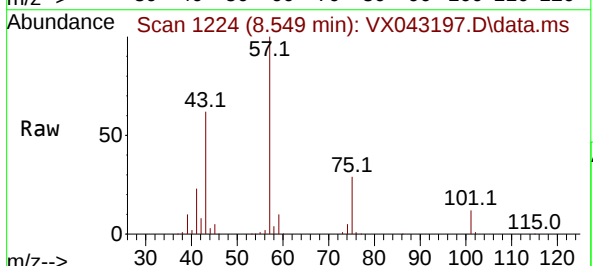
Tgt Ion: 75 Resp: 29413

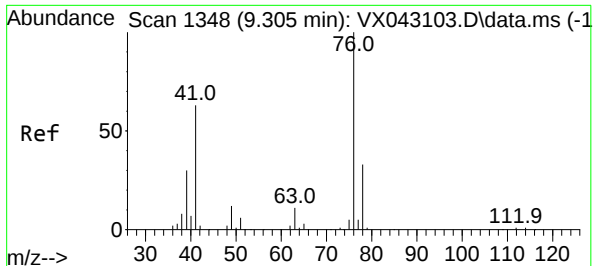
Ion Ratio Lower Upper

75 100

77 0.4 24.8 37.2#

39 33.4 43.8 65.8#

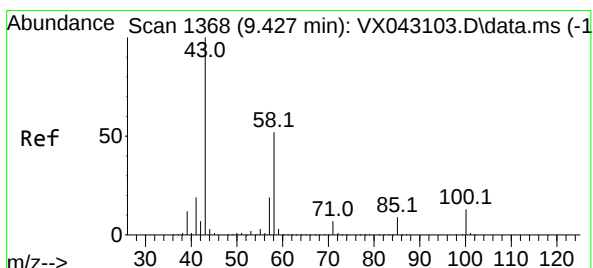
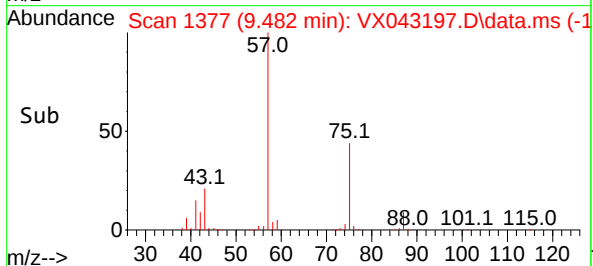
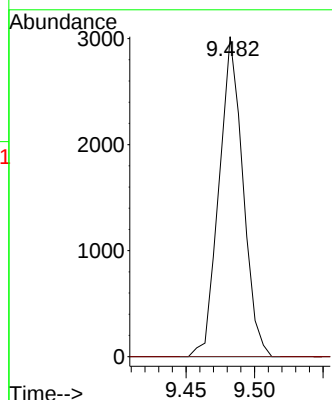
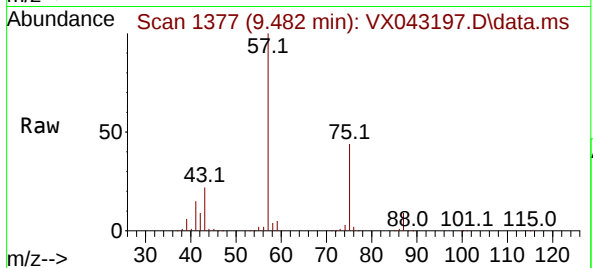




#57
1,3-Dichloropropane
Concen: 1.796 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

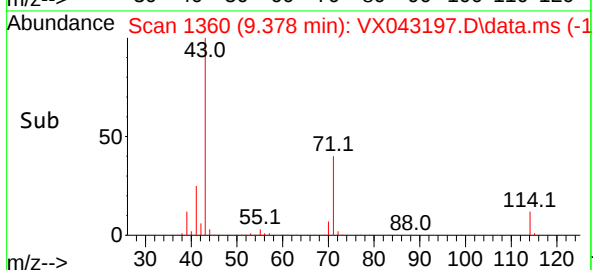
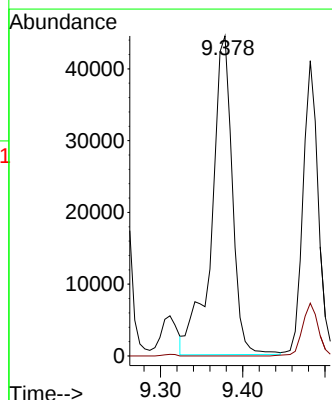
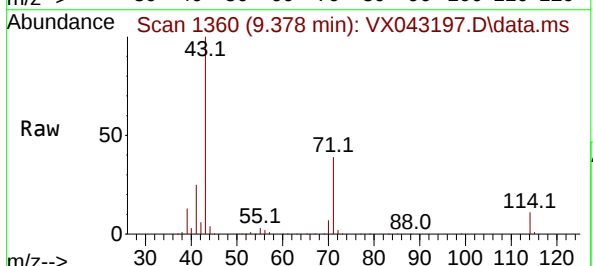
Instrument :
MSVOA_X
ClientSampleId :

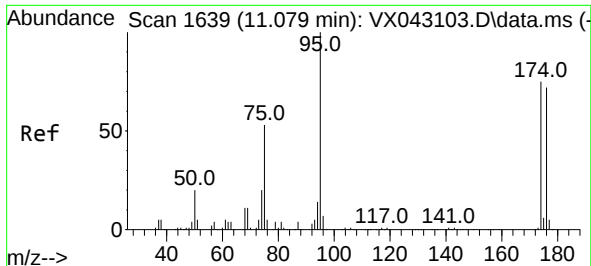
Tgt Ion: 76 Resp: 3657
Ion Ratio Lower Upper
76 100
78 0.0 26.5 39.7#



#59
2-Hexanone
Concen: 49.961 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Tgt Ion: 43 Resp: 77058
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.2#

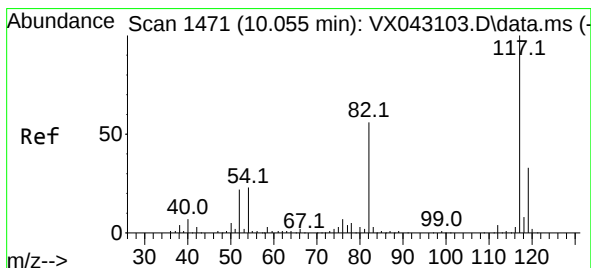
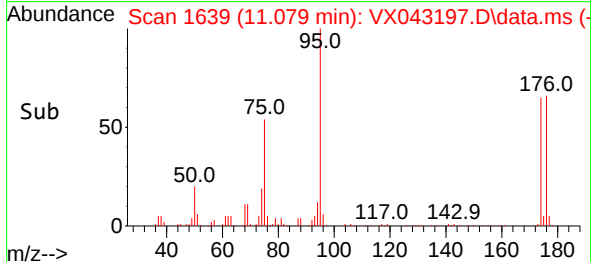
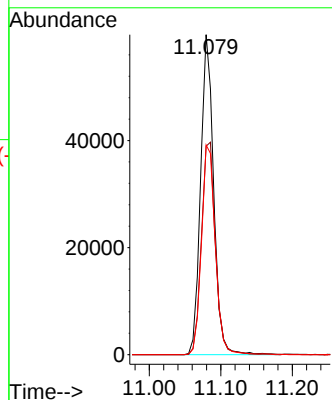
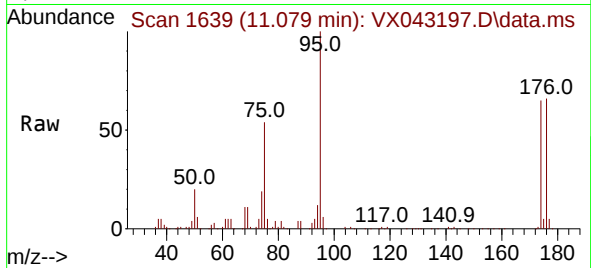




#62
4-Bromofluorobenzene
Concen: 44.549 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

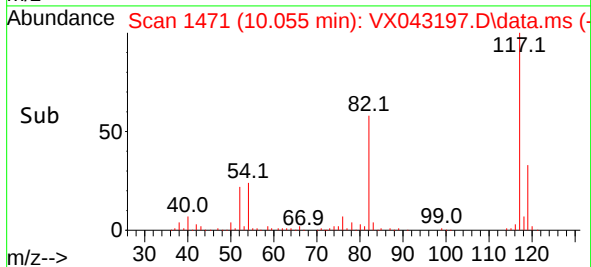
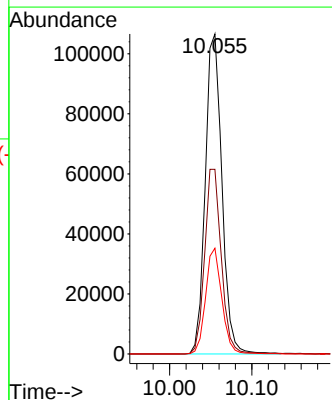
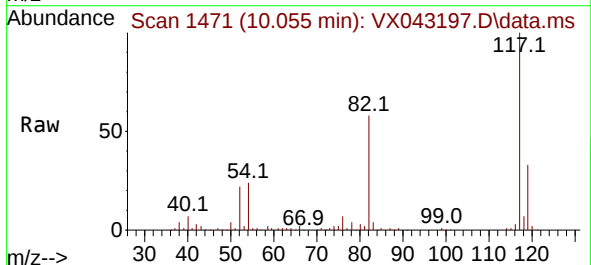
Instrument :
MSVOA_X
ClientSampleId :

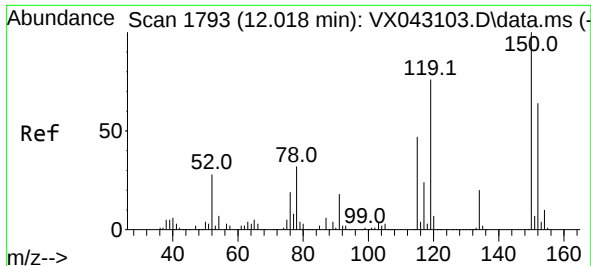
Tgt Ion: 95 Resp: 75598
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.0
176 69.5 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Tgt Ion: 117 Resp: 150053
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 33.1 26.3 39.5

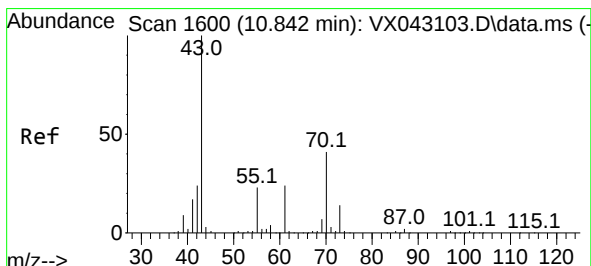
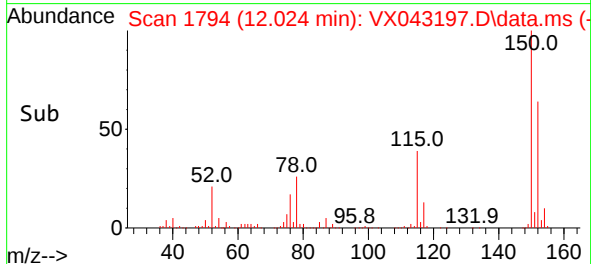
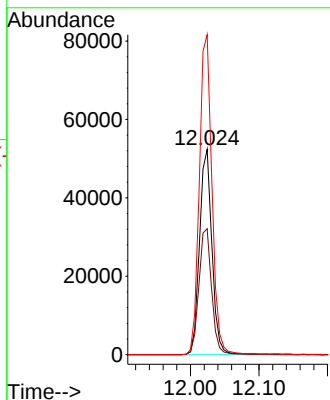
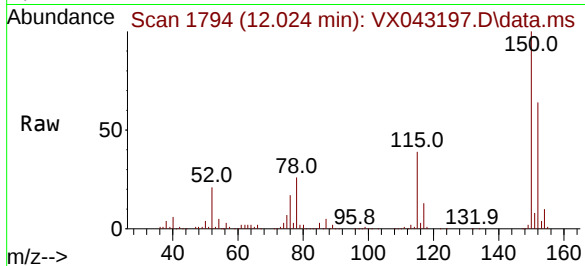




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

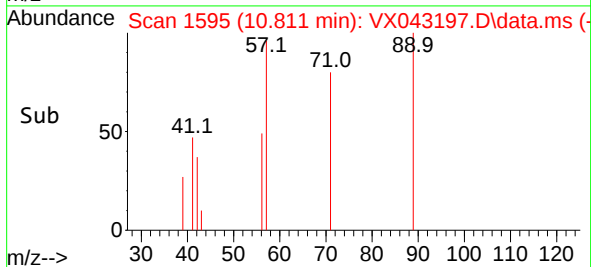
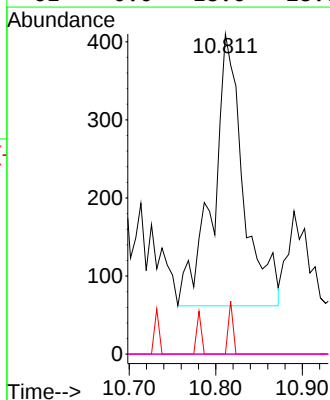
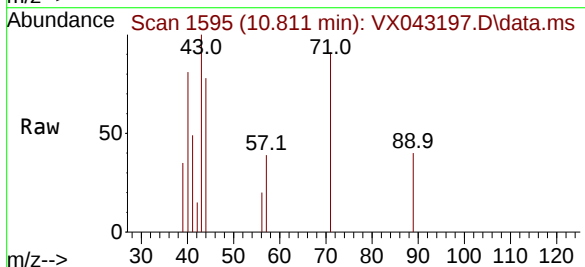
Instrument :
MSVOA_X
ClientSampleId :

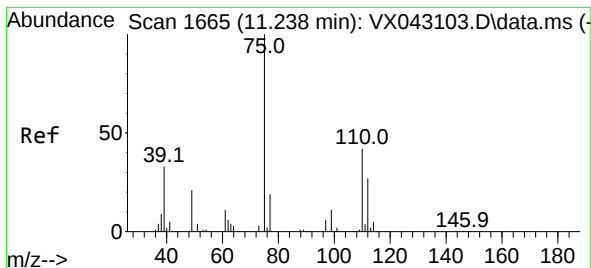
Tgt Ion:152 Resp: 66254
Ion Ratio Lower Upper
152 100
115 62.9 43.7 131.1
150 158.5 0.0 344.6



#74
N-ethyl acetate
Concen: 0.364 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. -0.031 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
70 0.0 32.5 48.7#
55 2.9 18.2 27.4#
61 0.0 18.6 28.0#

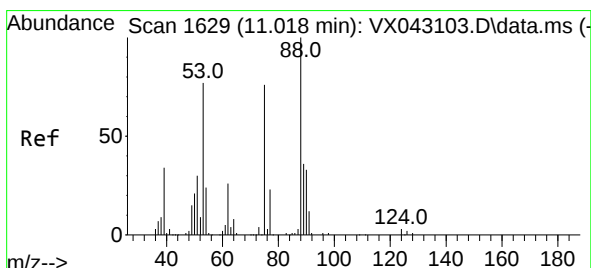
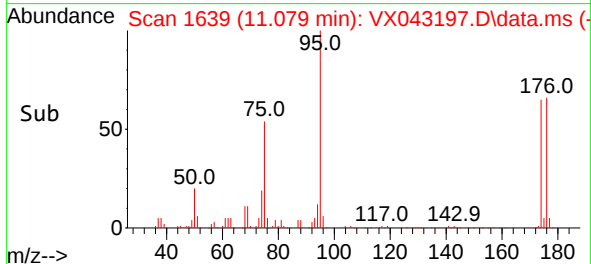
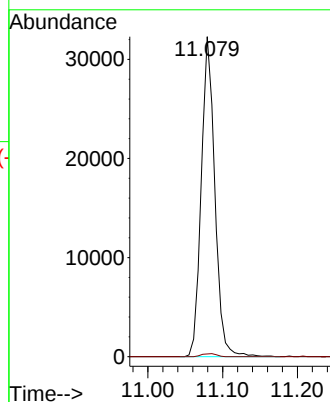
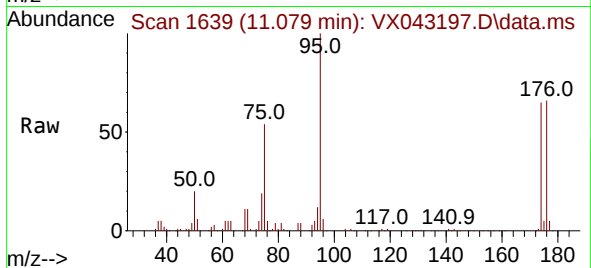




#76
1,2,3-Trichloropropane
Concen: 28.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40768
Ion Ratio Lower Upper
75 100
77 1.0 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043197.D
Acq: 30 Sep 2024 14:42

Tgt Ion: 75 Resp: 40768
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#

