

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043736.D
 Acq On : 07 Nov 2024 15:06
 Operator : JC/MD
 Sample : P4722-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:08:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

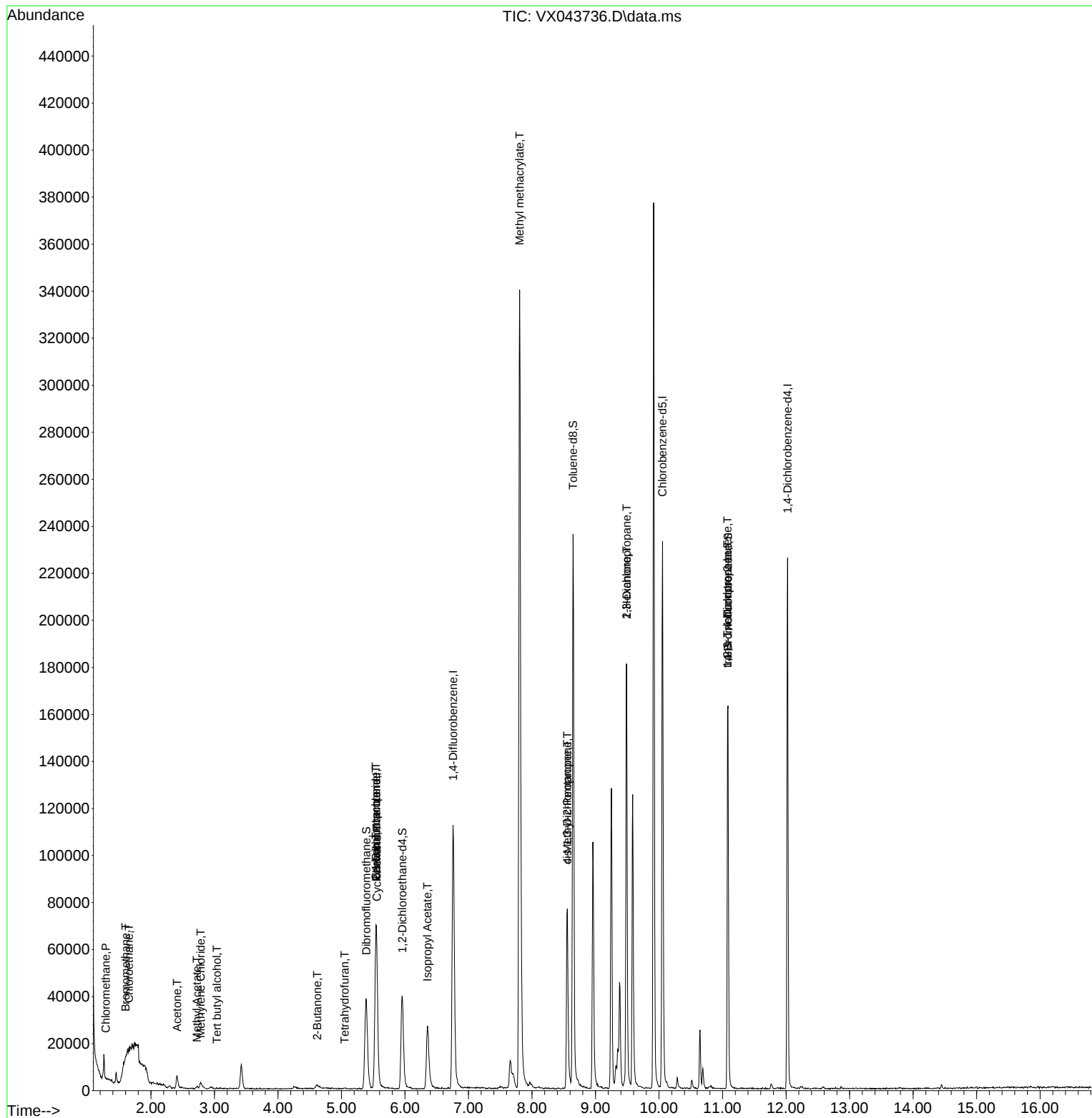
Internal Standards						
1) Pentafluorobenzene	5.549	168	73138	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.756	114	130178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39737	34.074	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	68.140%	#	
35) Dibromofluoromethane	5.391	113	36234	41.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.100%		
50) Toluene-d8	8.646	98	150601	49.285	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.085	95	50244	44.374	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.740%		
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	224	0.224	ug/l	# 42
5) Bromomethane	1.599	94	119	0.315	ug/l	# 2
6) Chloroethane	1.654	64	155	0.474	ug/l	# 43
11) Tert butyl alcohol	3.038	59	162	0.744	ug/l	# 100
16) Acetone	2.410	43	6951	15.010	ug/l	# 88
18) Methyl Acetate	2.721	43	1423	1.051	ug/l	# 96
20) Methylene Chloride	2.782	84	1703	1.706	ug/l	# 83
25) 2-Butanone	4.617	43	3600	5.329	ug/l	# 89
29) Tetrahydrofuran	5.049	42	122	0.278	ug/l	# 32
31) Cyclohexane	5.555	56	1370	1.113	ug/l	# 9
36) 1,1-Dichloropropene	5.543	75	5394	5.153	ug/l	# 51
38) Carbon Tetrachloride	5.543	117	7228	6.250	ug/l	# 15
43) Isopropyl Acetate	6.354	43	40223	19.140	ug/l	# 94
48) Methyl methacrylate	7.805	41	33257	33.378	ug/l	# 42
51) 4-Methyl-2-Pentanone	8.555	43	30204	23.581	ug/l	# 50
54) cis-1,3-Dichloropropene	8.555	75	16350	12.302	ug/l	# 55
57) 1,3-Dichloropropane	9.488	76	1811	1.235	ug/l	# 42
59) 2-Hexanone	9.488	43	24229	24.906	ug/l	# 56
76) 1,2,3-Trichloropropane	11.079	75	24005	22.371	ug/l	# 33
81) trans-1,4-Dichloro-2-b...	11.079	75	24005	61.544	ug/l	# 7

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
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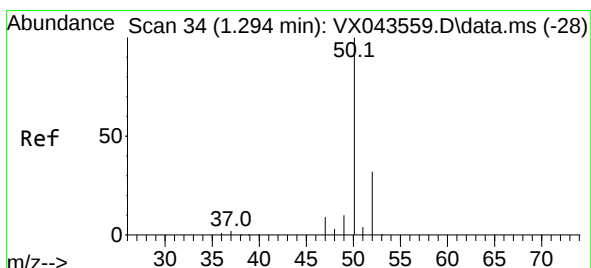
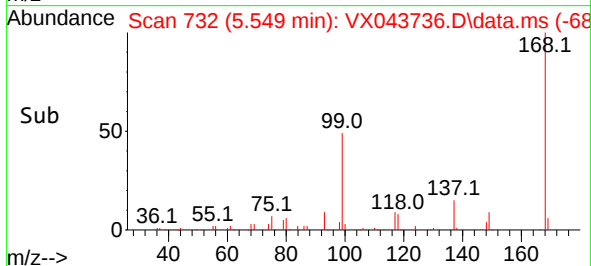
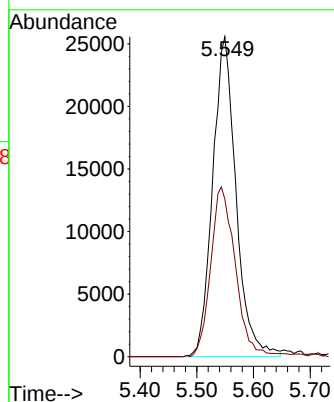
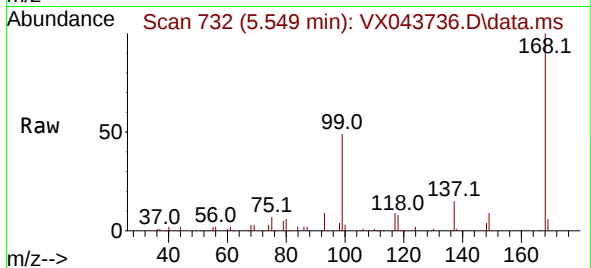




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

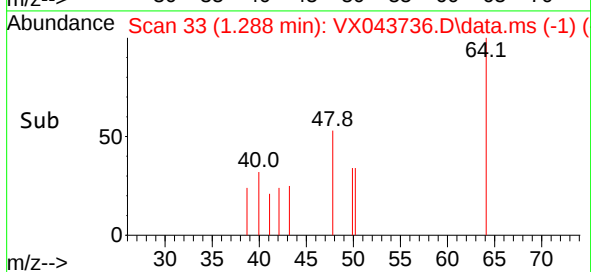
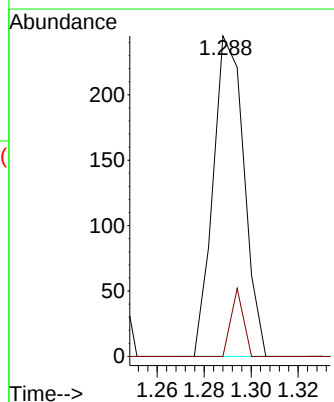
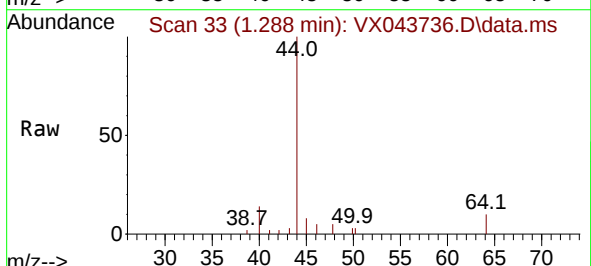
Instrument :
MSVOA_X
ClientSampleId :

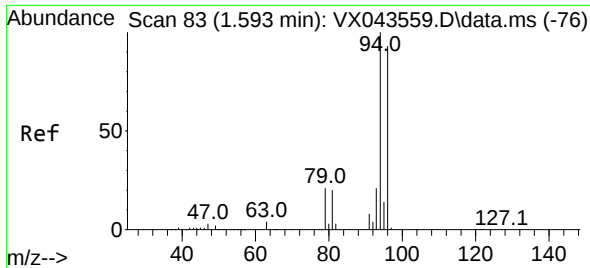
Tgt Ion:168 Resp: 73138
Ion Ratio Lower Upper
168 100
99 49.2 52.6 78.8#



#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

Tgt Ion: 50 Resp: 224
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

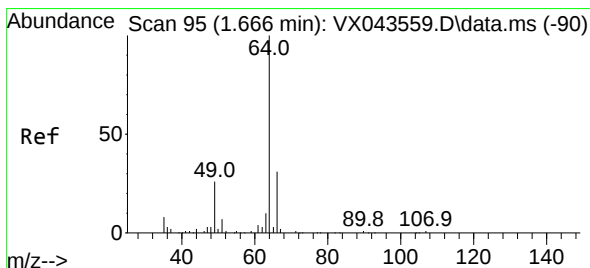
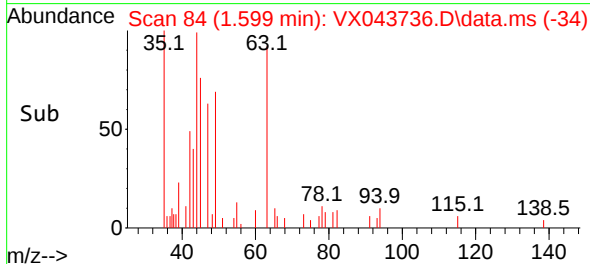
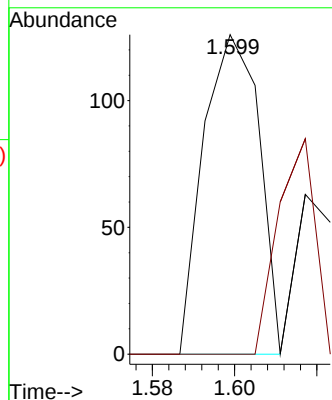
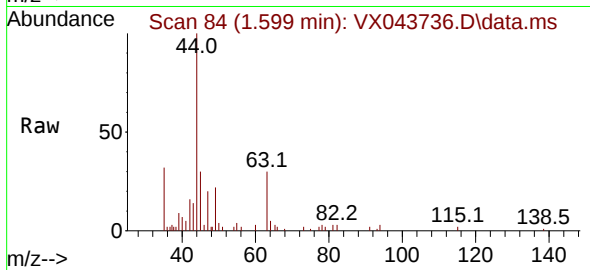




#5
Bromomethane
Concen: 0.315 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

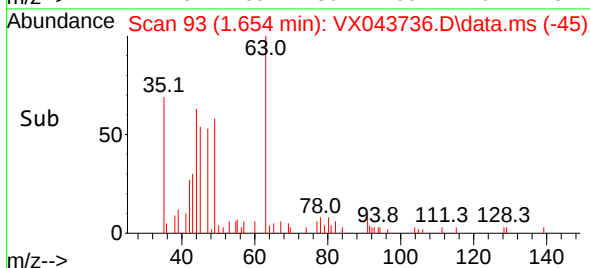
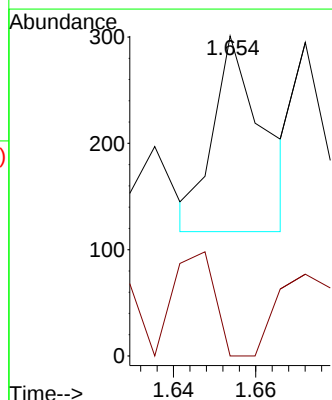
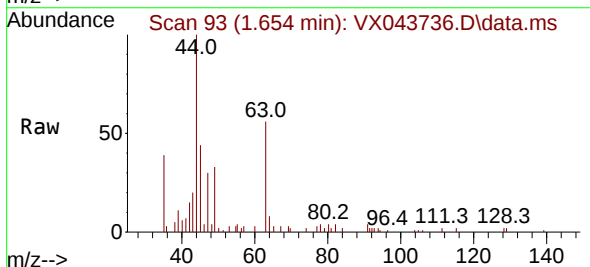
Instrument :
MSVOA_X
ClientSampleId :

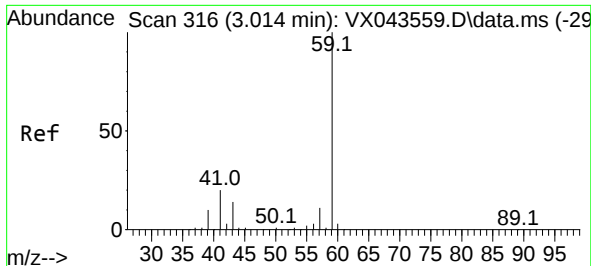
Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



#6
Chloroethane
Concen: 0.474 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.006 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.744 ug/l

RT: 3.038 min Scan# 31

Delta R.T. -0.012 min

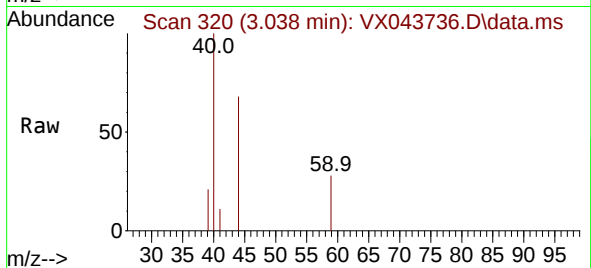
Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

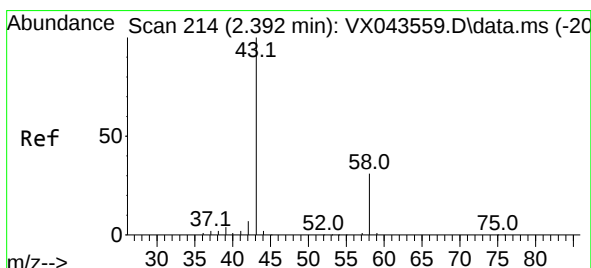
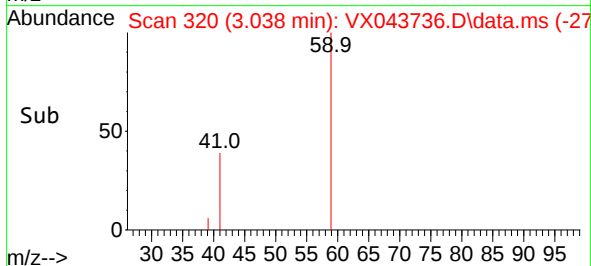
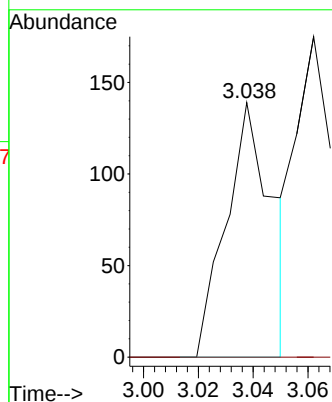


Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 15.010 ug/l

RT: 2.410 min Scan# 217

Delta R.T. 0.012 min

Lab File: VX043736.D

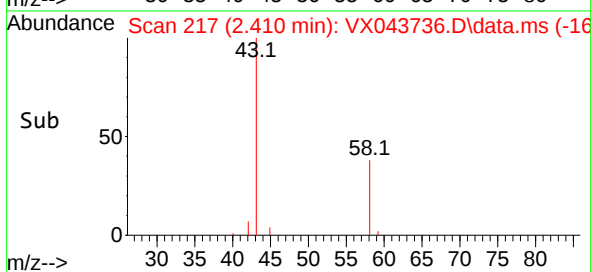
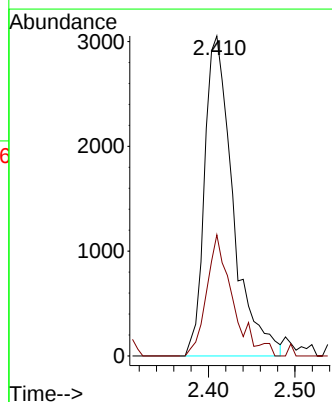
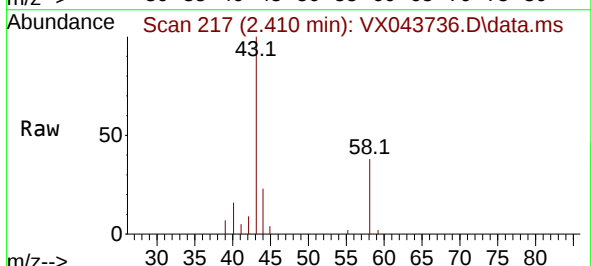
Acq: 07 Nov 2024 15:06

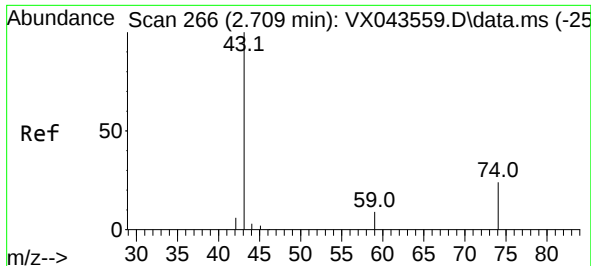
Tgt Ion: 43 Resp: 6951

Ion Ratio Lower Upper

43 100

58 37.9 25.1 37.7#

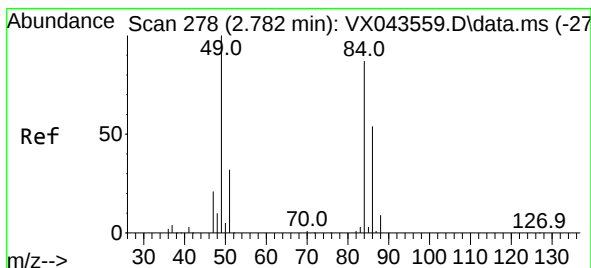
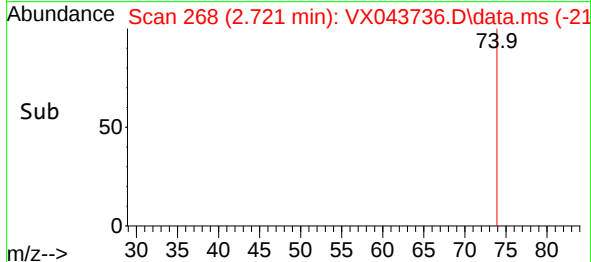
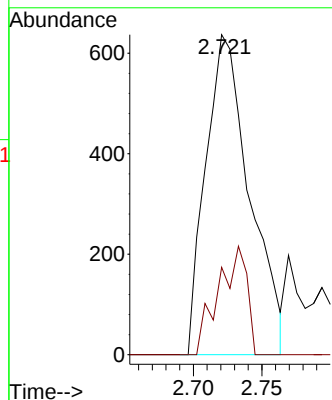
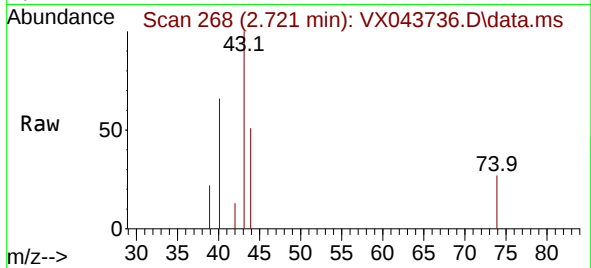




#18
Methyl Acetate
Concen: 1.051 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

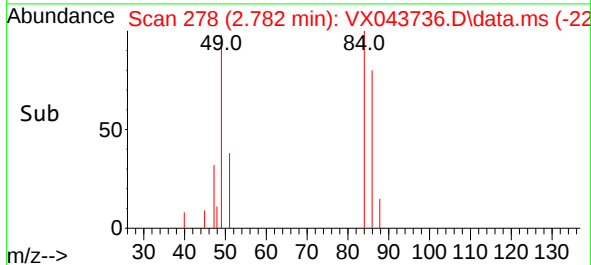
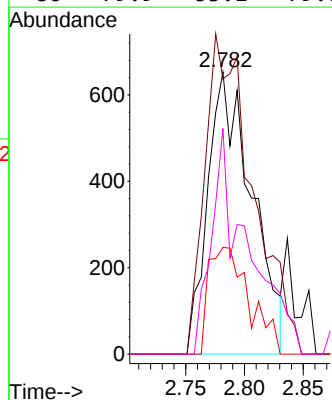
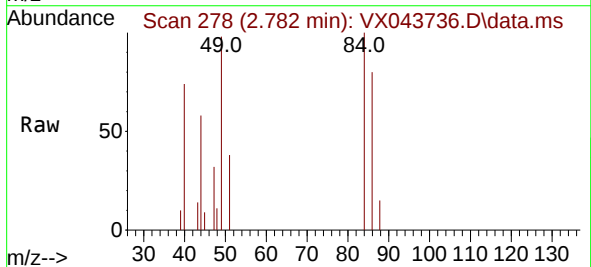
Instrument :
MSVOA_X
ClientSampleId :

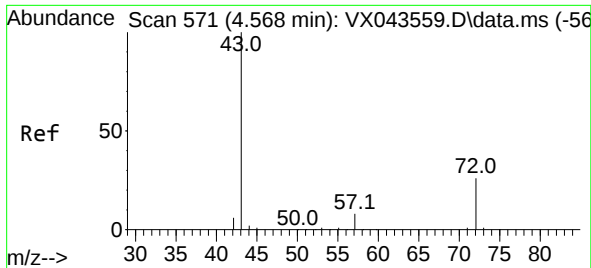
Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
74 22.0 19.1 28.7



#20
Methylene Chloride
Concen: 1.706 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

Tgt Ion: 84 Resp: 1703
Ion Ratio Lower Upper
84 100
49 97.5 97.0 145.6
51 37.8 29.8 44.8
86 79.9 53.1 79.7#

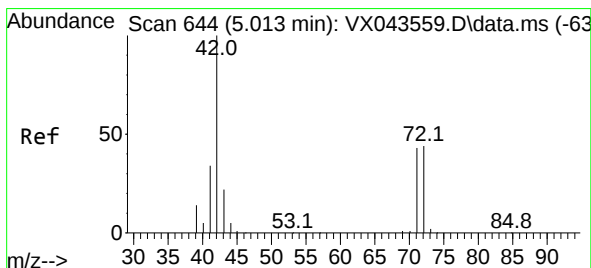
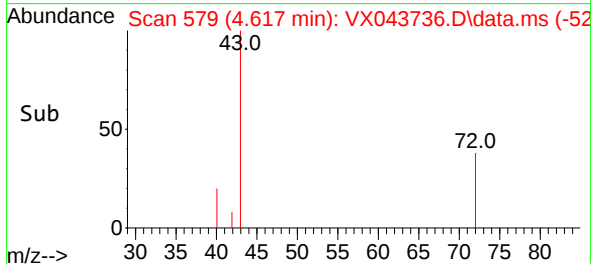
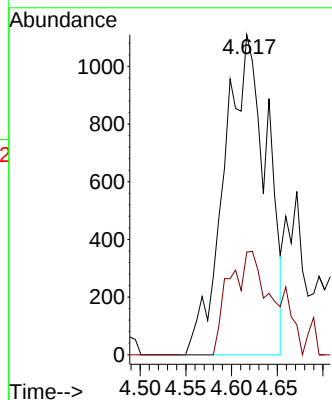
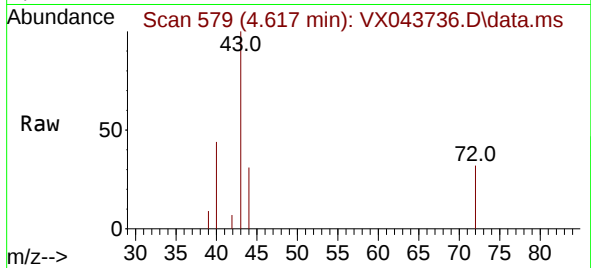




#25
2-Butanone
Concen: 5.329 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

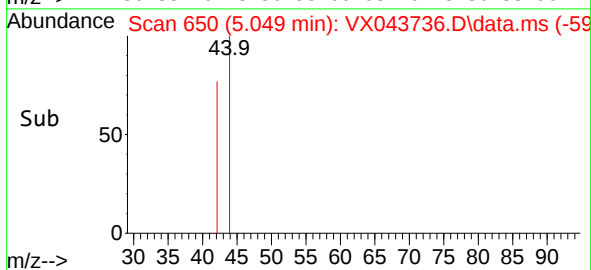
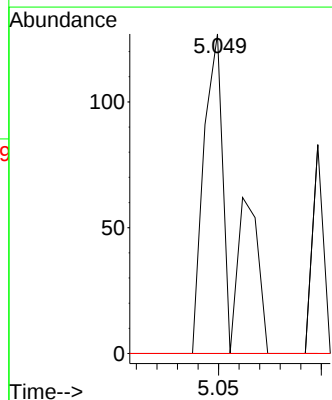
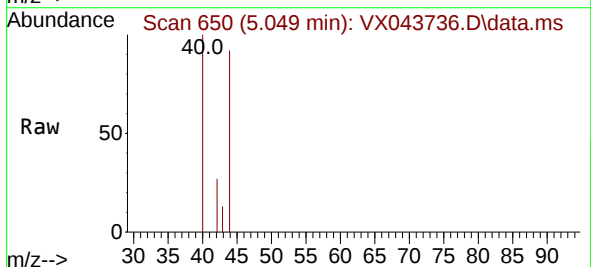
Instrument :
MSVOA_X
ClientSampleId :

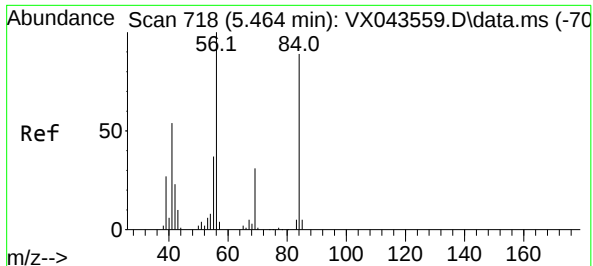
Tgt Ion: 43 Resp: 3600
Ion Ratio Lower Upper
43 100
72 32.1 21.1 31.7#



#29
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 5.049 min Scan# 650
Delta R.T. 0.036 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

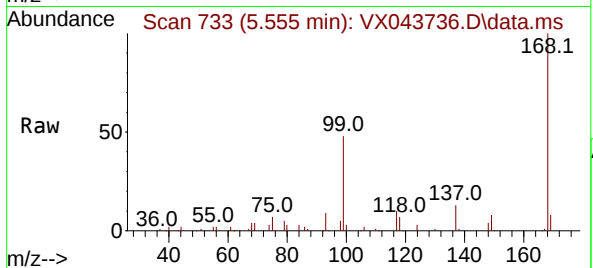
Tgt Ion: 42 Resp: 122
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.2 51.4#



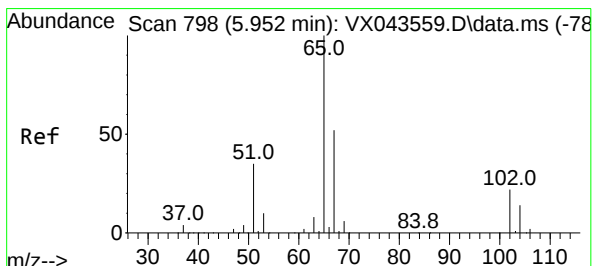
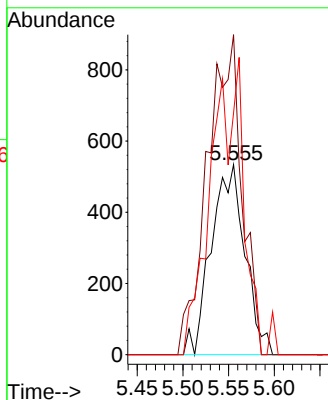
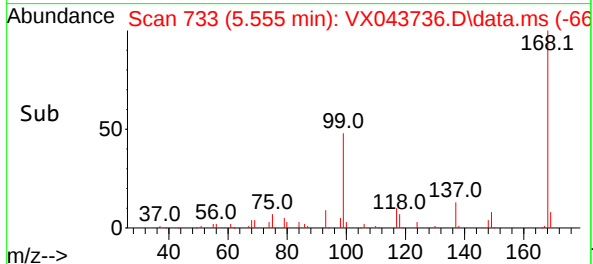


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.555 min Scan# 718
Delta R.T. 0.097 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

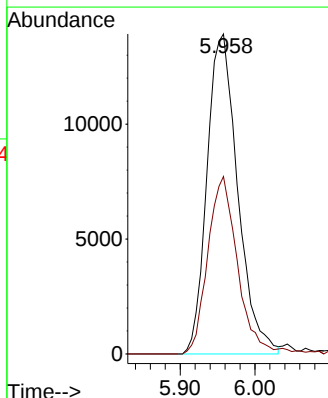
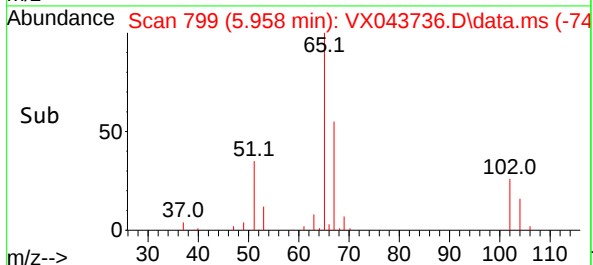
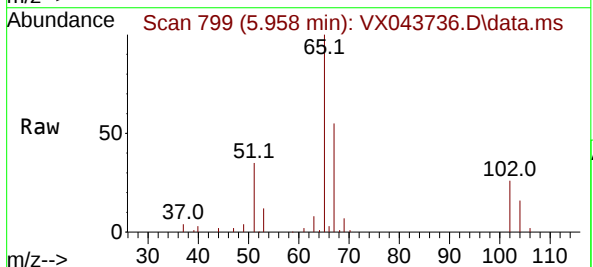


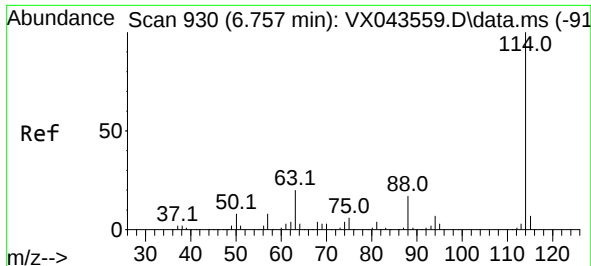
Tgt Ion: 56 Resp: 1370
Ion Ratio Lower Upper
56 100
69 168.4 24.9 37.3#
84 127.2 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 34.074 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

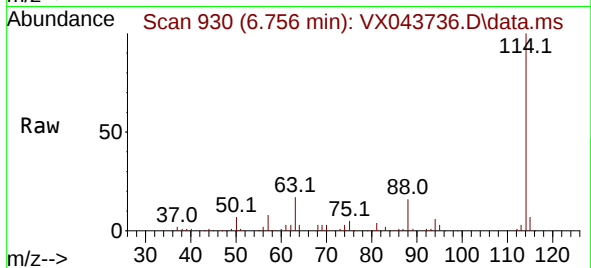
Tgt Ion: 65 Resp: 39737
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.4



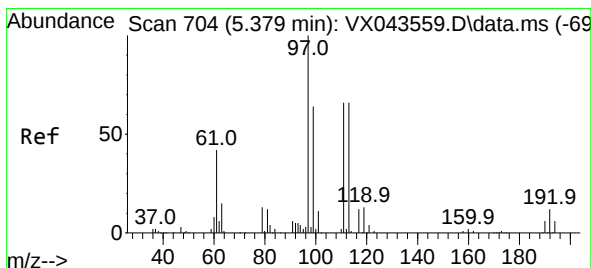
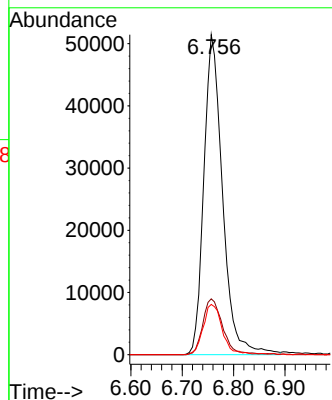
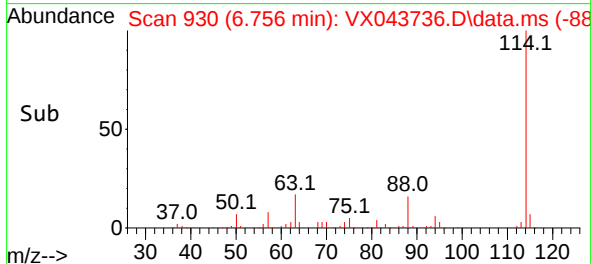


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

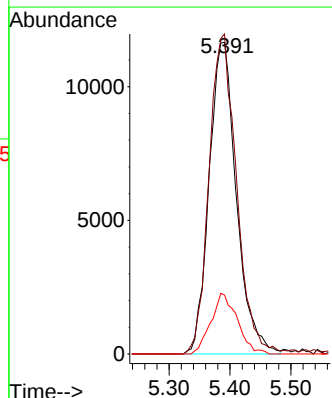
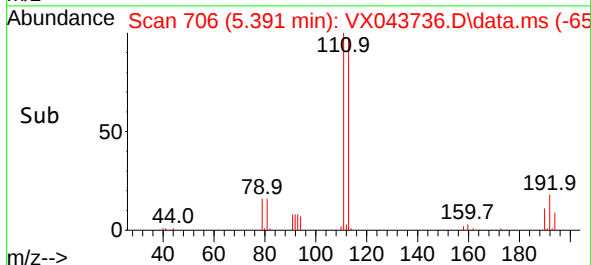
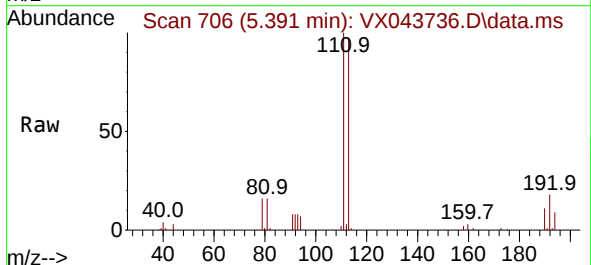


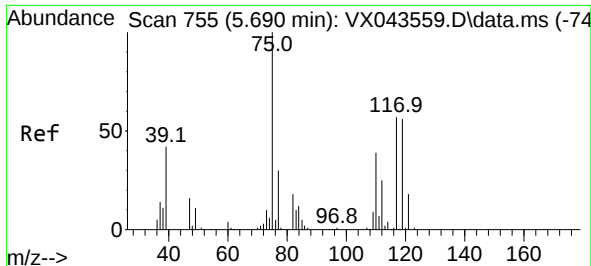
Tgt Ion:114 Resp: 130178
Ion Ratio Lower Upper
114 100
63 17.5 0.0 41.2
88 15.7 0.0 34.0



#35
Dibromofluoromethane
Concen: 41.048 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

Tgt Ion:113 Resp: 36234
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.8 14.1 21.1





#36

1,1-Dichloropropene

Concen: 5.153 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.140 min

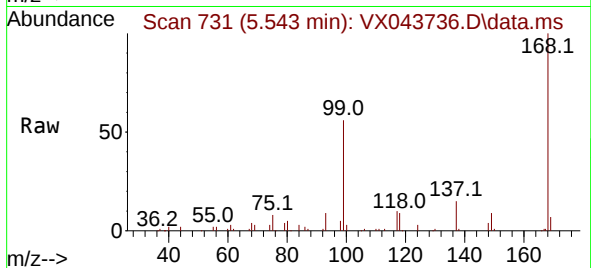
Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

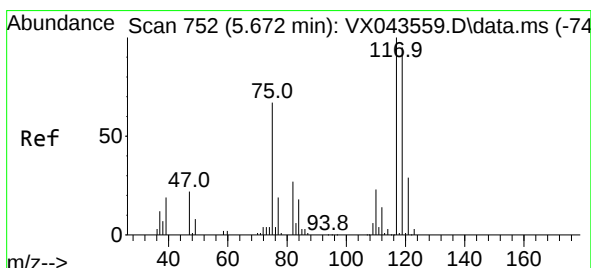
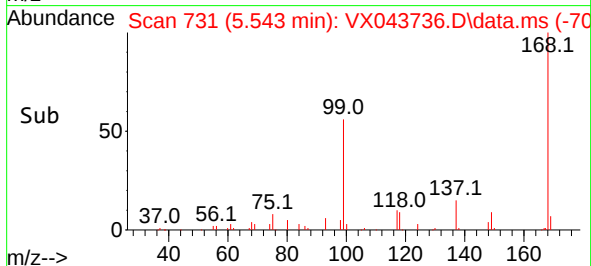
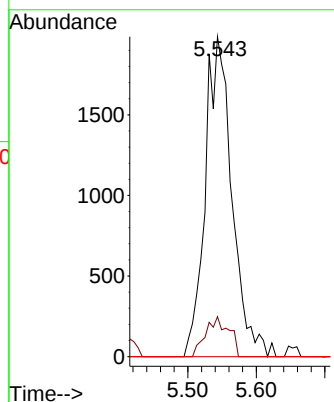
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 5394
Ion Ratio	Lower Upper
75 100	
110 10.8	17.9 53.7#
77 0.0	25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.250 ug/l

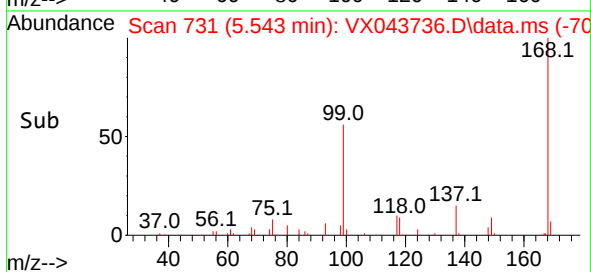
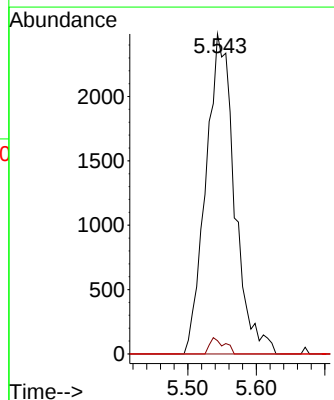
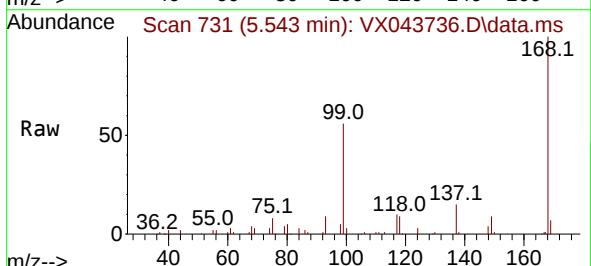
RT: 5.543 min Scan# 731

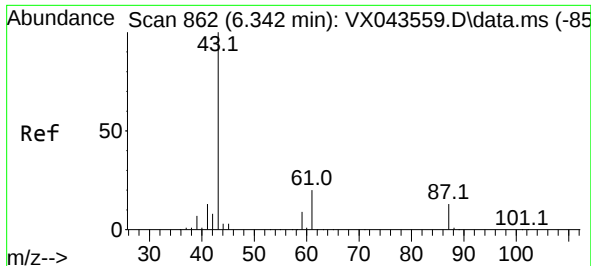
Delta R.T. -0.128 min

Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

Tgt Ion: 117	Resp: 7228
Ion Ratio	Lower Upper
117 100	
119 4.1	77.0 115.6#
121 0.0	24.7 37.1#

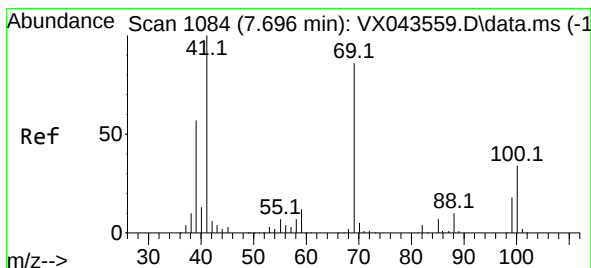
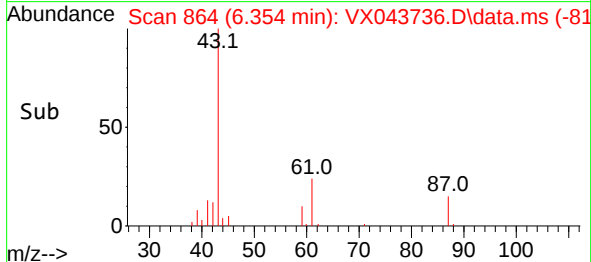
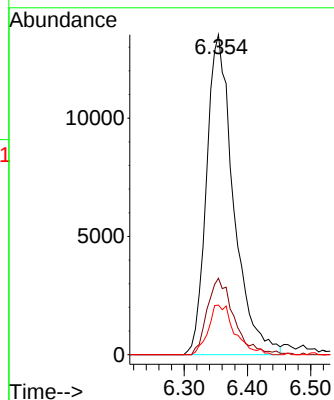
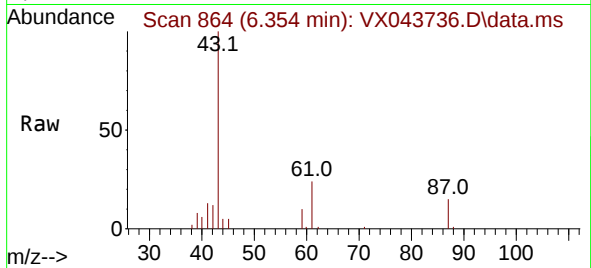




#43
Isopropyl Acetate
Concen: 19.140 ug/l
RT: 6.354 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

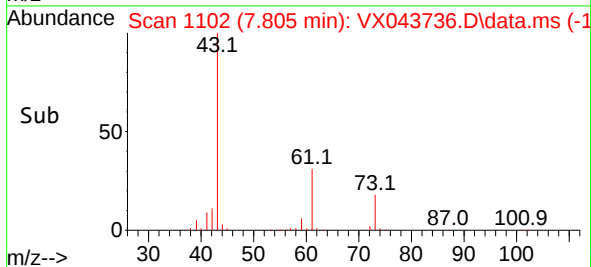
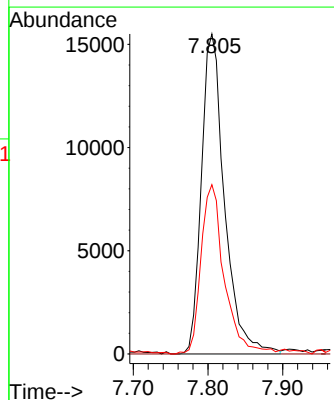
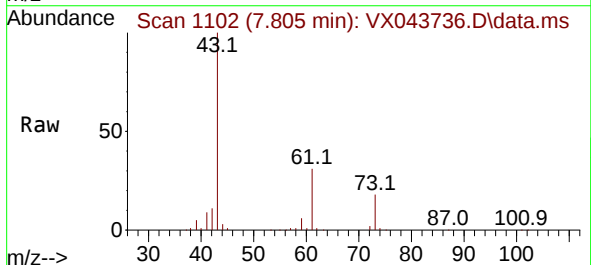
Instrument :
MSVOA_X
ClientSampleId :

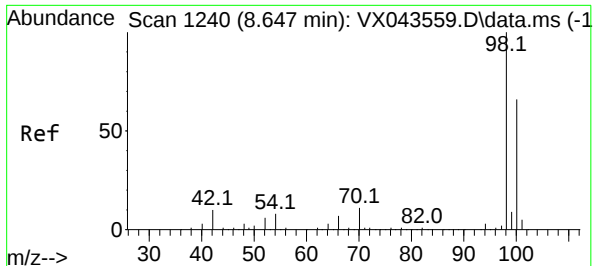
Tgt Ion: 43 Resp: 40223
Ion Ratio Lower Upper
43 100
61 23.8 16.2 24.4
87 15.1 11.0 16.6



#48
Methyl methacrylate
Concen: 33.378 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.109 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

Tgt Ion: 41 Resp: 33257
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 53.1 46.3 69.5

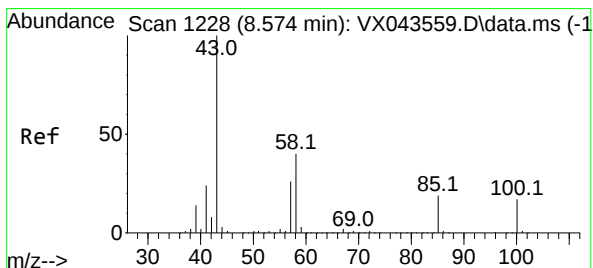
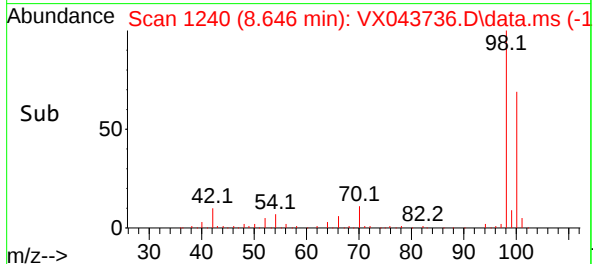
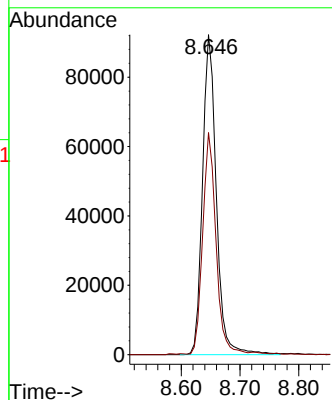
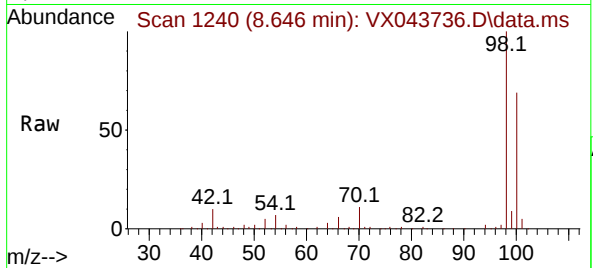




#50
Toluene-d8
Concen: 49.285 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

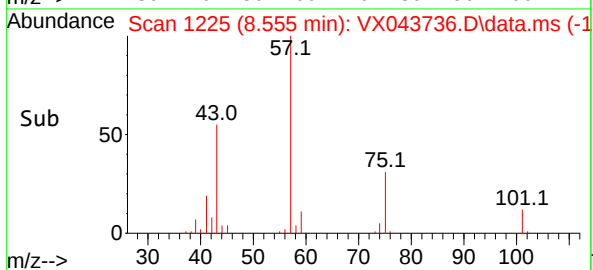
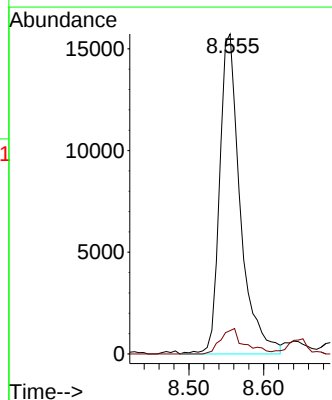
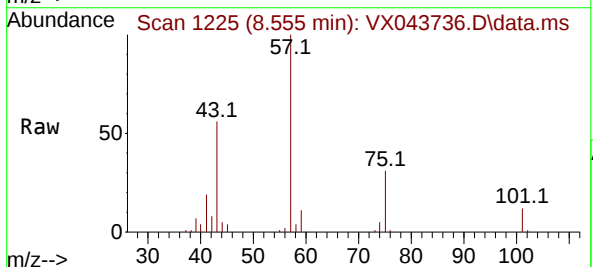
Instrument :
MSVOA_X
ClientSampleId :

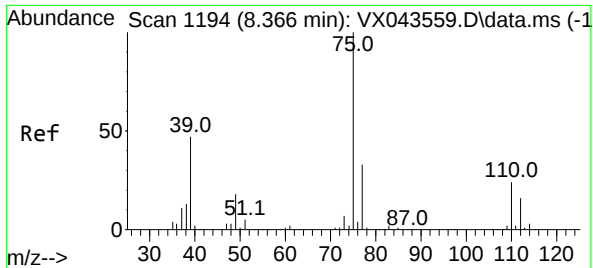
Tgt Ion: 98 Resp: 150601
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 23.581 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX043736.D
Acq: 07 Nov 2024 15:06

Tgt Ion: 43 Resp: 30204
Ion Ratio Lower Upper
43 100
58 9.0 31.7 47.5#

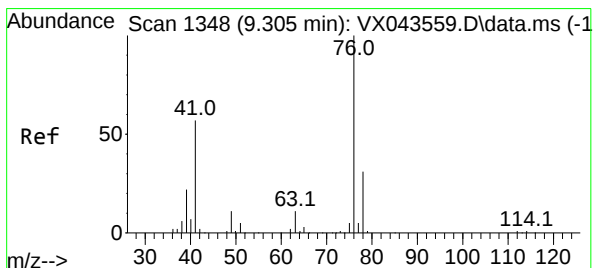
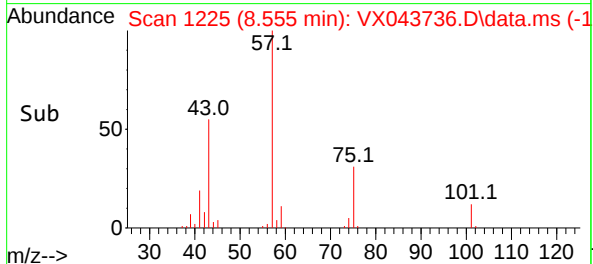
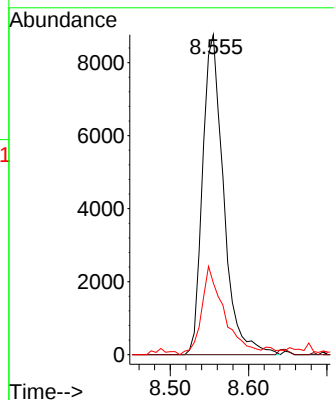
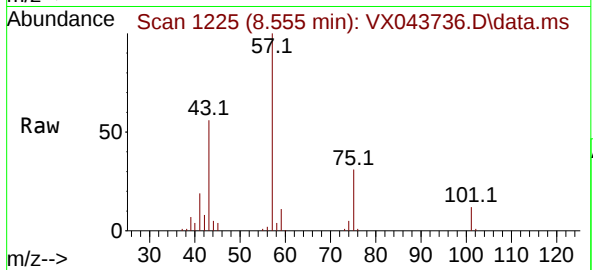




#54
 cis-1,3-Dichloropropene
 Concen: 12.302 ug/l
 RT: 8.555 min Scan# 1194
 Delta R.T. 0.189 min
 Lab File: VX043736.D
 Acq: 07 Nov 2024 15:06

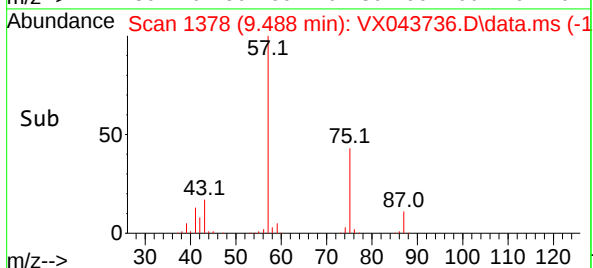
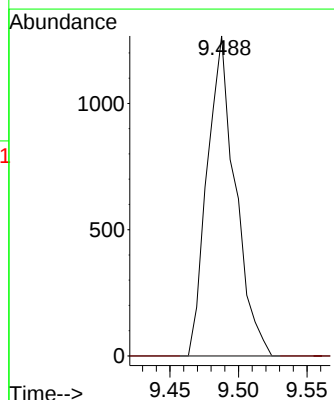
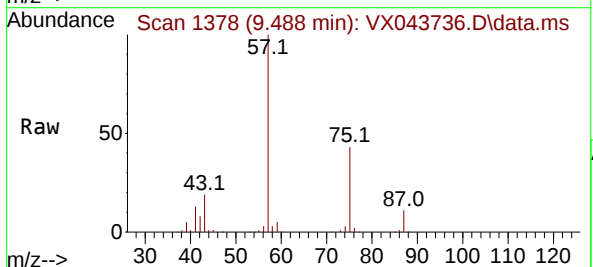
Instrument :
 MSVOA_X
 ClientSampleId :

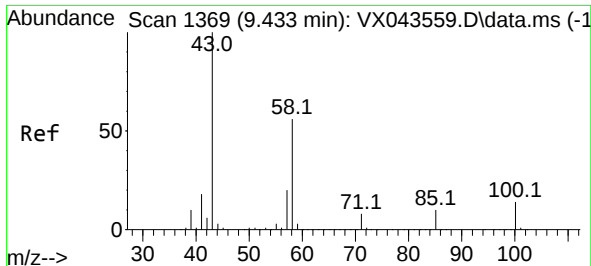
Tgt Ion: 75 Resp: 16350
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 22.5 37.7 56.5#



#57
 1,3-Dichloropropane
 Concen: 1.235 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.183 min
 Lab File: VX043736.D
 Acq: 07 Nov 2024 15:06

Tgt Ion: 76 Resp: 1811
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#





#59

2-Hexanone

Concen: 24.906 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

Instrument :

MSVOA_X

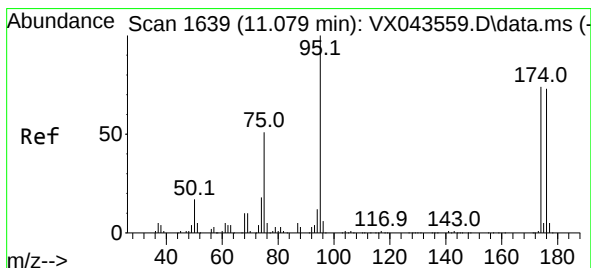
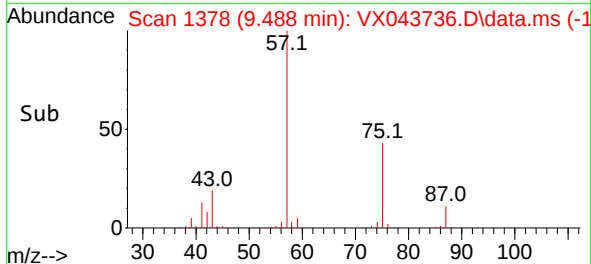
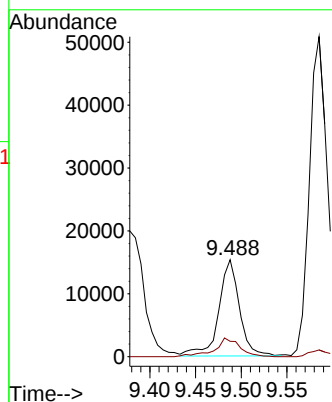
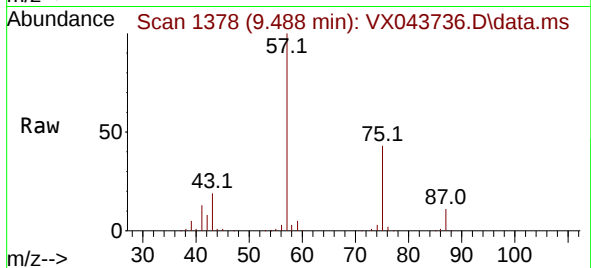
ClientSampleId :

Tgt Ion: 43 Resp: 24229

Ion Ratio Lower Upper

43 100

58 23.3 27.5 82.5#



#62

4-Bromofluorobenzene

Concen: 44.374 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

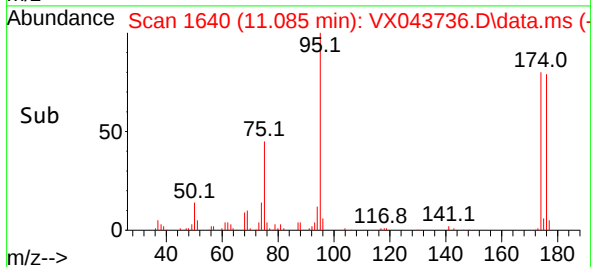
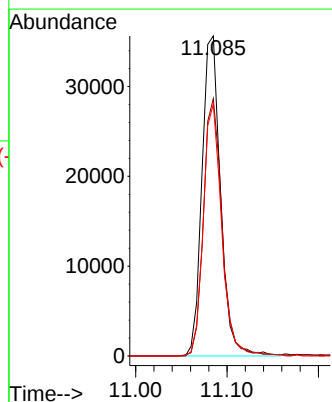
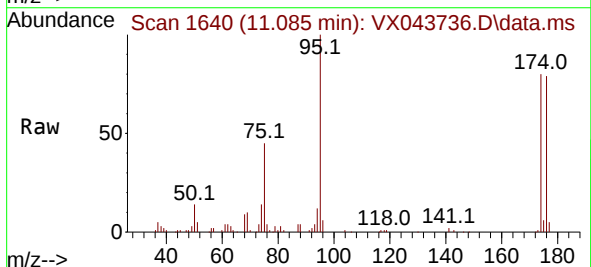
Tgt Ion: 95 Resp: 50244

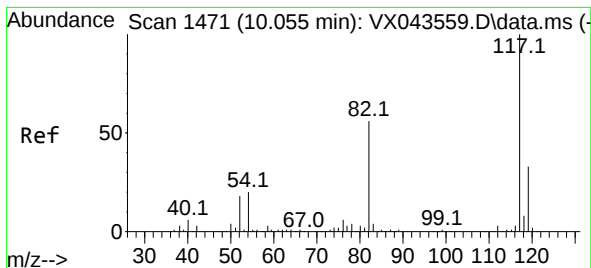
Ion Ratio Lower Upper

95 100

174 80.6 0.0 146.6

176 78.0 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

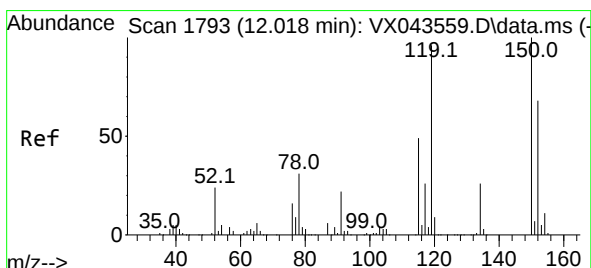
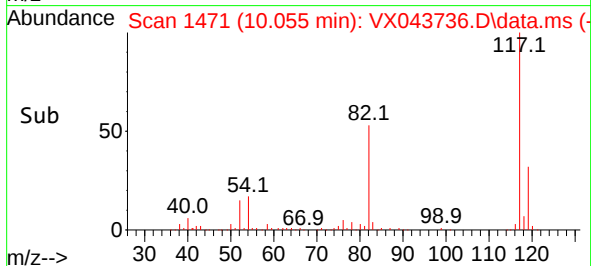
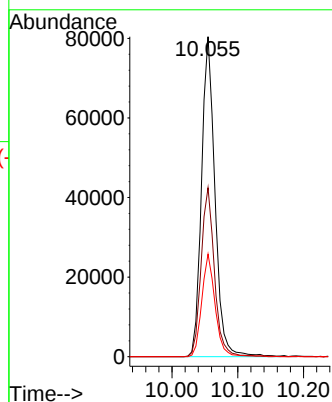
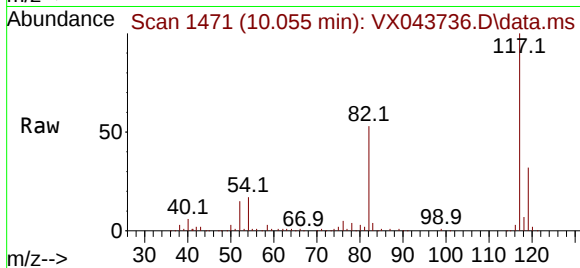
Tgt Ion:117 Resp: 114210

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

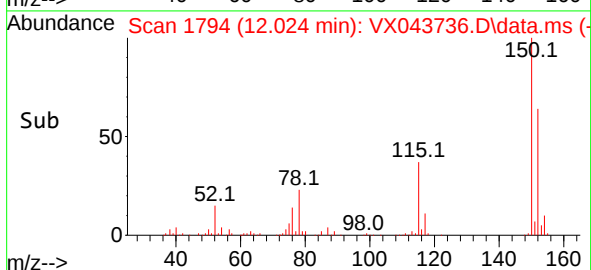
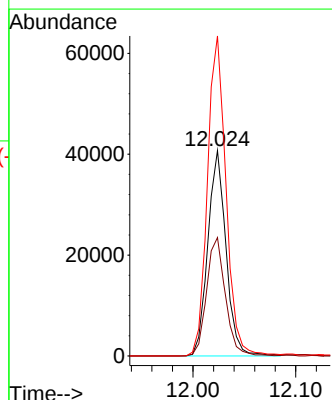
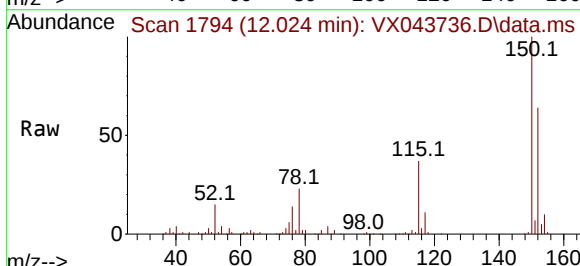
Tgt Ion:152 Resp: 50185

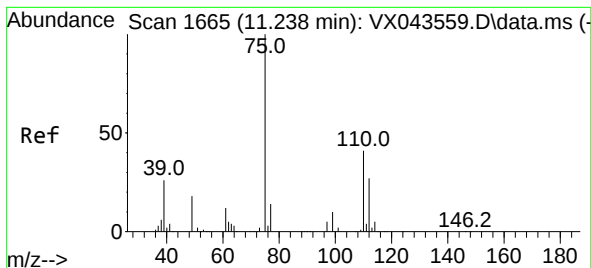
Ion Ratio Lower Upper

152 100

115 59.6 42.9 128.7

150 158.7 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 22.371 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

Instrument :

MSVOA_X

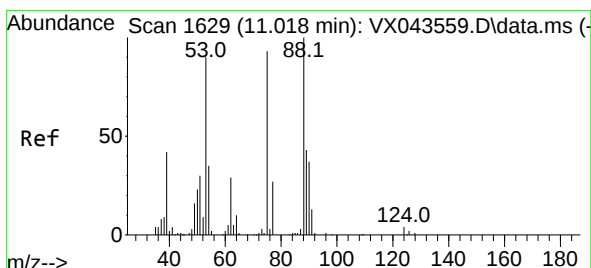
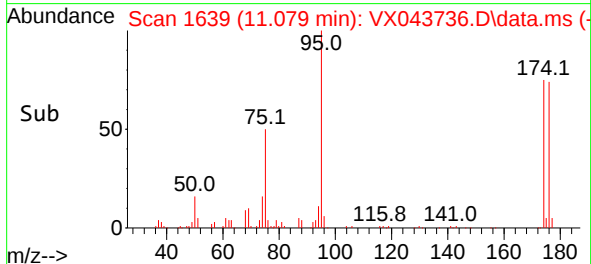
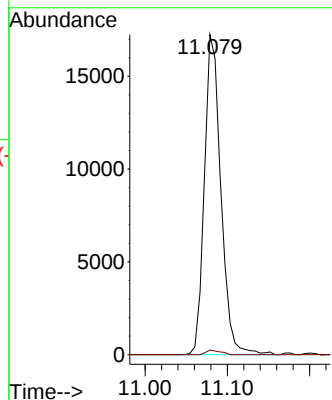
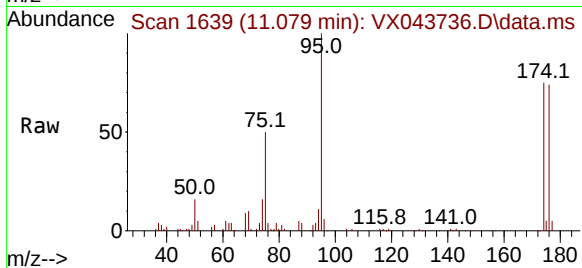
ClientSampleId :

Tgt Ion: 75 Resp: 24005

Ion Ratio Lower Upper

75 100

77 1.3 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.544 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043736.D

Acq: 07 Nov 2024 15:06

Tgt Ion: 75 Resp: 24005

Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.1 38.6 58.0#

