

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043737.D
 Acq On : 07 Nov 2024 15:29
 Operator : JC/MD
 Sample : P4722-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:09:07 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

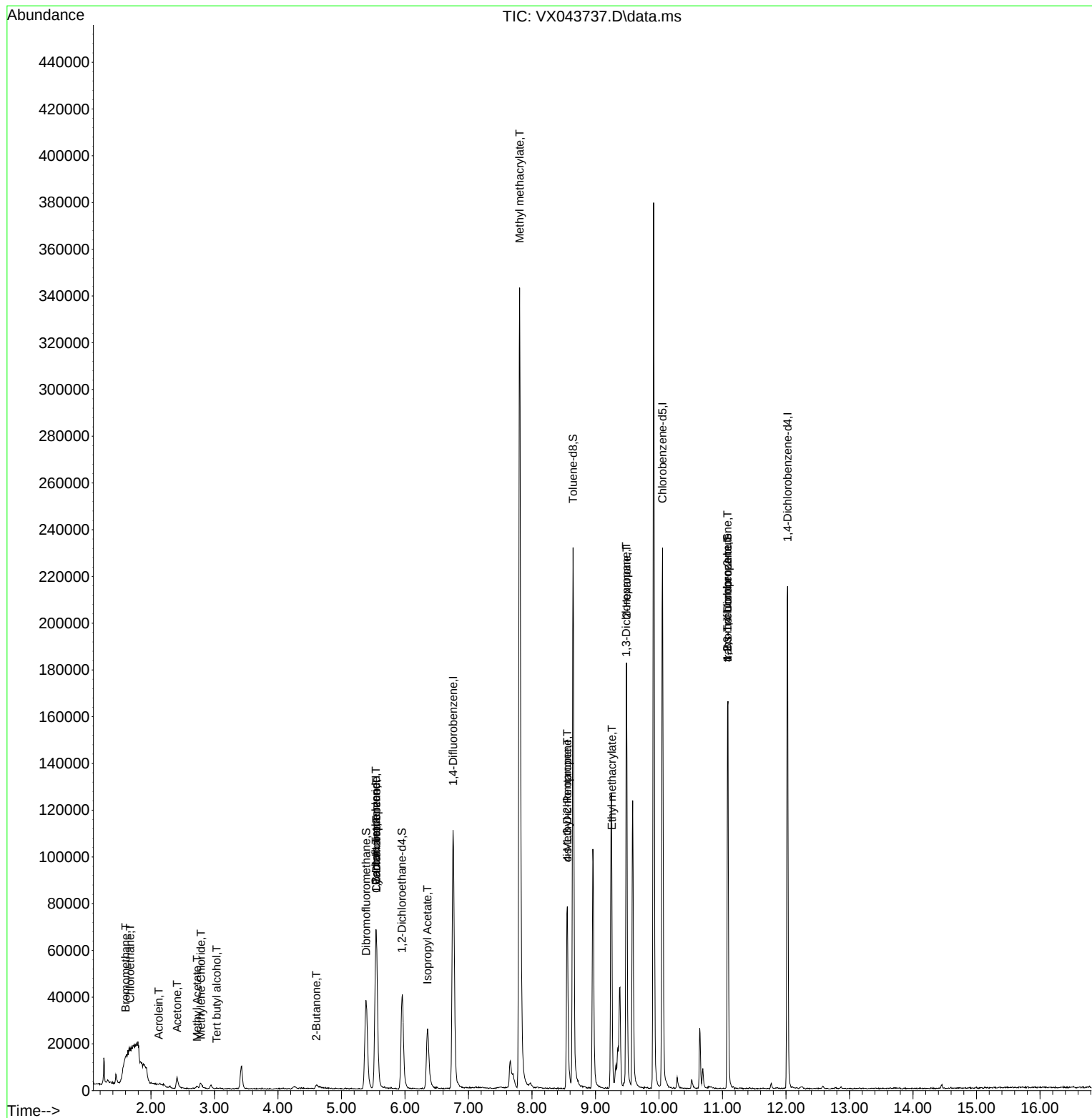
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	72799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40061	34.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	69.020%#
35) Dibromofluoromethane	5.385	113	36048	41.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.700%
50) Toluene-d8	8.647	98	148610	49.244	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	51768	46.293	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.580%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	194	0.515	ug/l #	56
6) Chloroethane	1.673	64	166	0.510	ug/l #	43
11) Tert butyl alcohol	3.032	59	97	0.448	ug/l #	100
13) Acrolein	2.124	56	37	0.218	ug/l #	15
16) Acetone	2.410	43	6855	14.871	ug/l	90
18) Methyl Acetate	2.727	43	1832	1.360	ug/l	98
20) Methylene Chloride	2.788	84	1932	1.945	ug/l #	85
25) 2-Butanone	4.605	43	4224	6.282	ug/l	91
31) Cyclohexane	5.550	56	1267	1.034	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5075	4.909	ug/l #	47
38) Carbon Tetrachloride	5.544	117	6756	5.915	ug/l #	12
43) Isopropyl Acetate	6.355	43	40835	19.675	ug/l	97
48) Methyl methacrylate	7.806	41	34397	34.956	ug/l #	42
51) 4-Methyl-2-Pentanone	8.555	43	31466	24.874	ug/l #	51
54) cis-1,3-Dichloropropene	8.555	75	16146	12.301	ug/l #	55
56) Ethyl methacrylate	9.257	69	458	0.324	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1879	1.298	ug/l #	42
59) 2-Hexanone	9.488	43	23038	23.979	ug/l #	59
76) 1,2,3-Trichloropropane	11.079	75	22705	21.257	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	22705	58.478	ug/l #	7

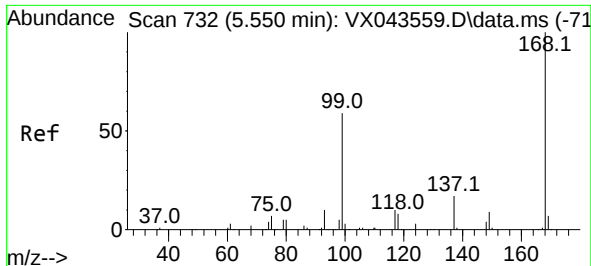
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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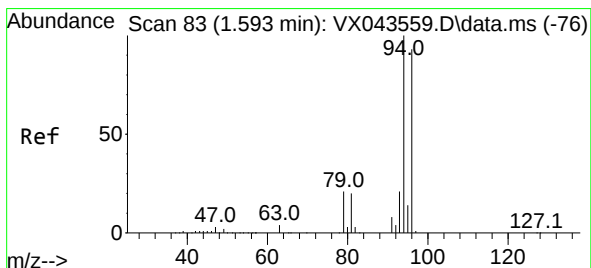
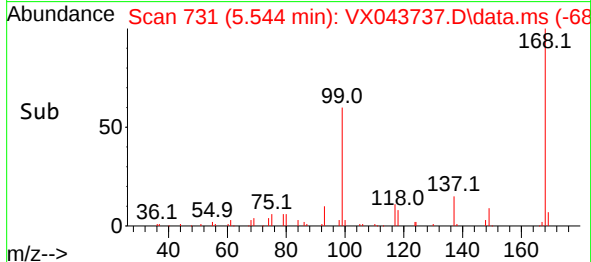
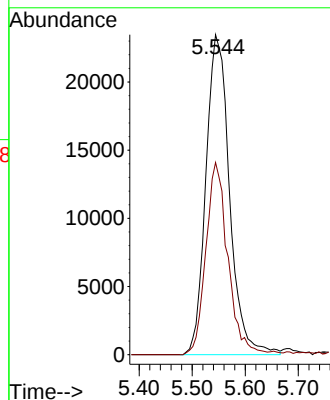
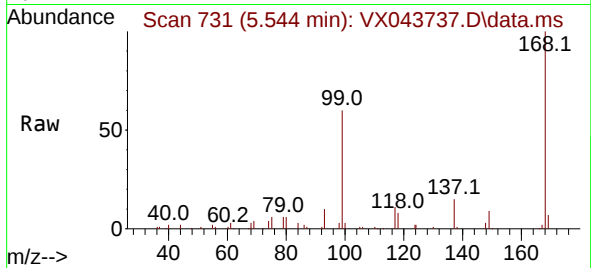




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

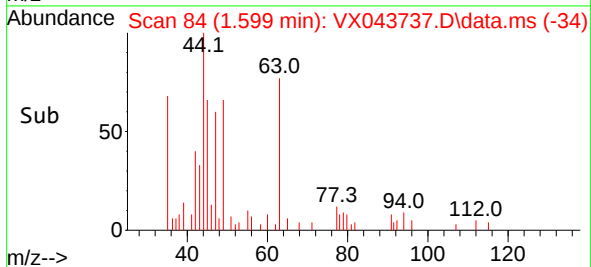
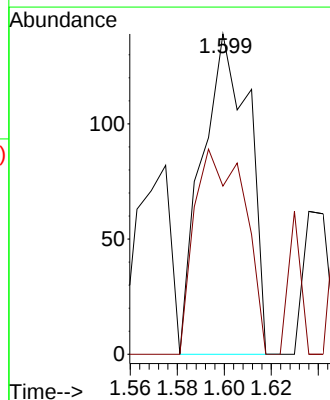
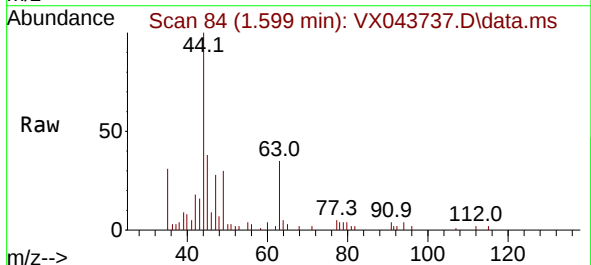
Instrument :
MSVOA_X
ClientSampleId :

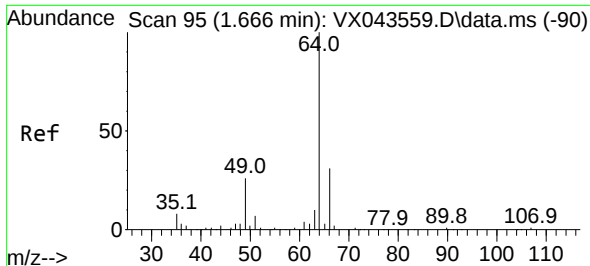
Tgt Ion:168 Resp: 72799
Ion Ratio Lower Upper
168 100
99 60.0 52.6 78.8



#5
Bromomethane
Concen: 0.515 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 94 Resp: 194
Ion Ratio Lower Upper
94 100
96 52.5 75.9 113.9#

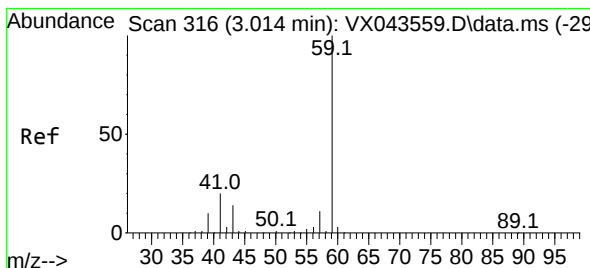
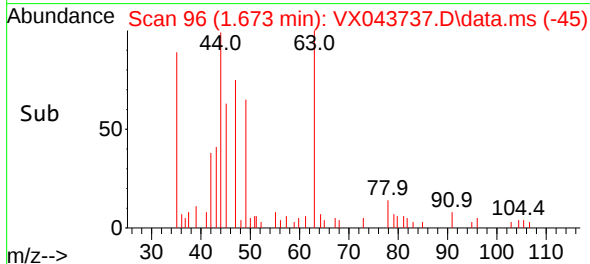
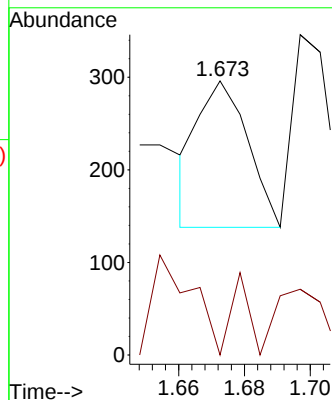
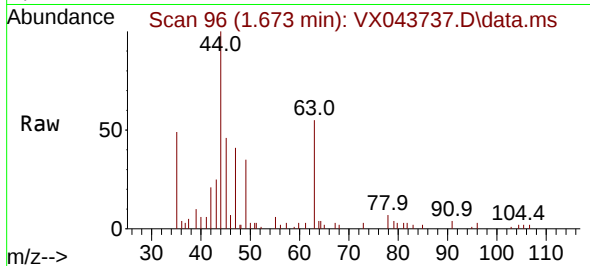




#6
Chloroethane
Concen: 0.510 ug/l
RT: 1.673 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

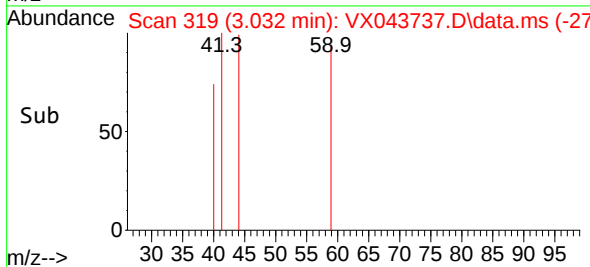
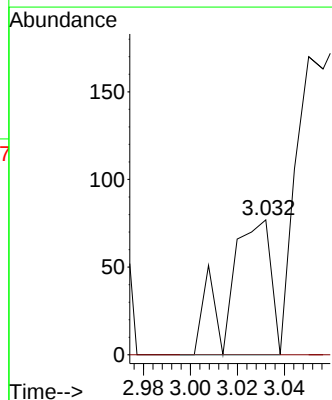
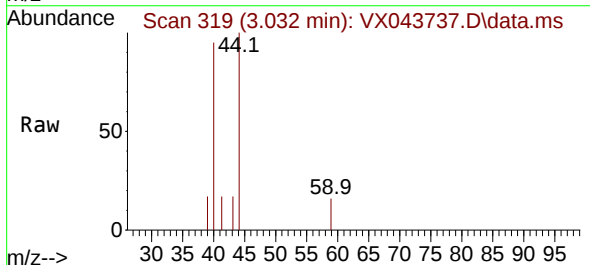
Instrument :
MSVOA_X
ClientSampleId :

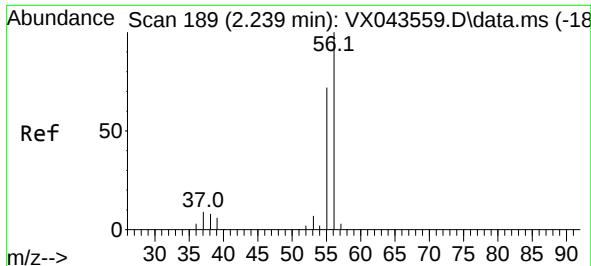
Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.448 ug/l
RT: 3.032 min Scan# 319
Delta R.T. -0.018 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

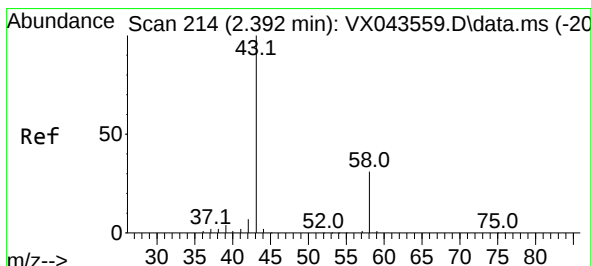
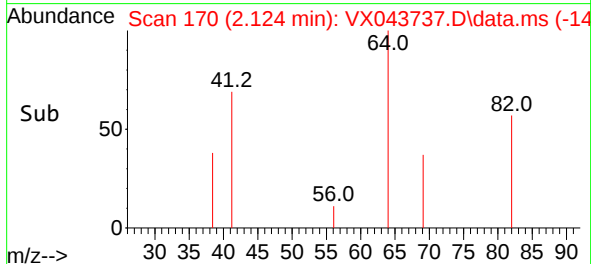
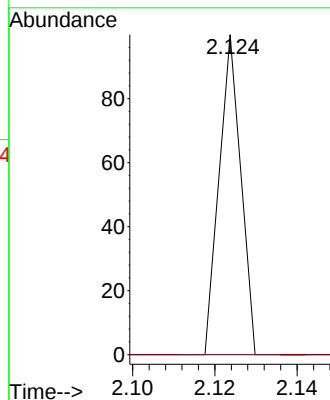
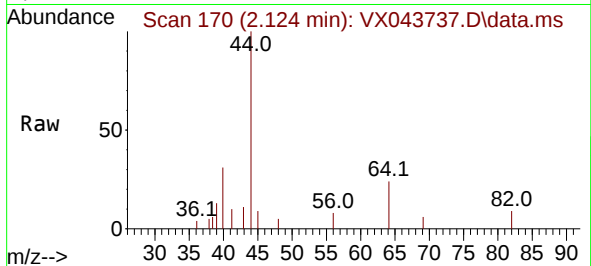




#13
Acrolein
Concen: 0.218 ug/l
RT: 2.124 min Scan# 11
Delta R.T. -0.116 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

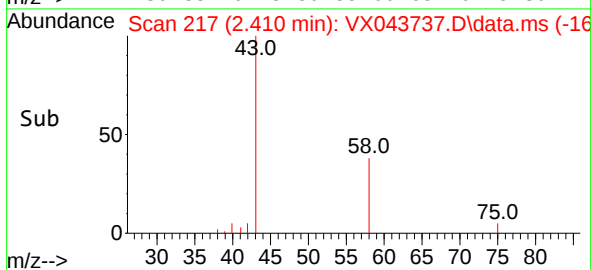
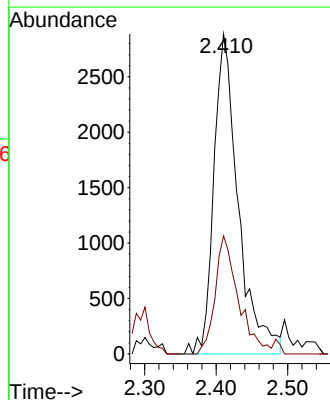
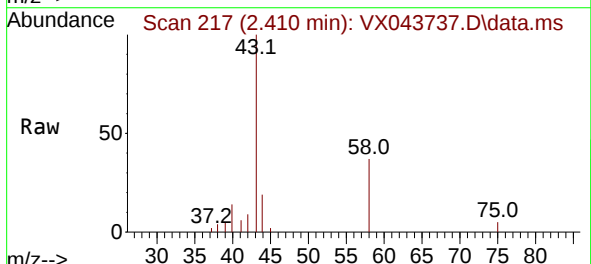
Instrument :
MSVOA_X
ClientSampleId :

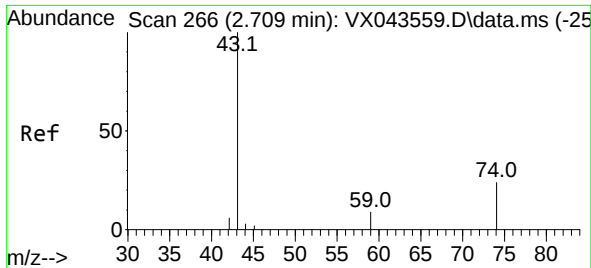
Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 14.871 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 43 Resp: 6855
Ion Ratio Lower Upper
43 100
58 36.9 25.1 37.7

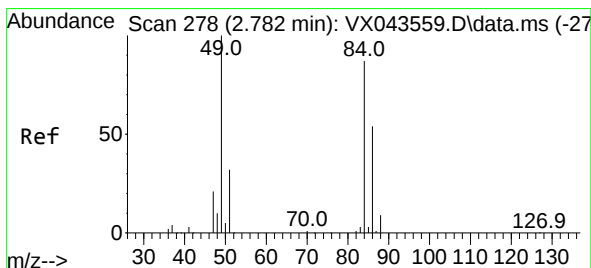
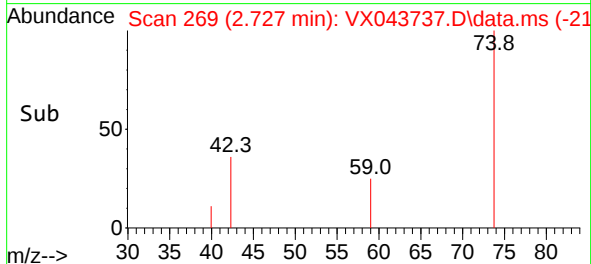
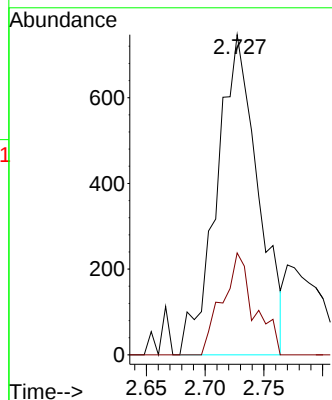
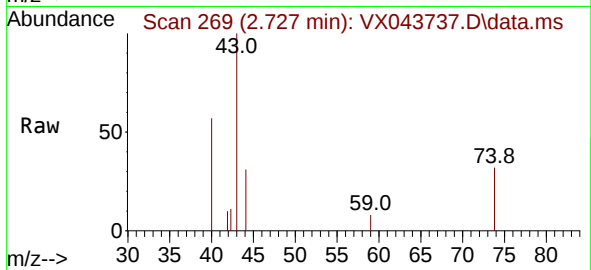




#18
Methyl Acetate
Concen: 1.360 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.019 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

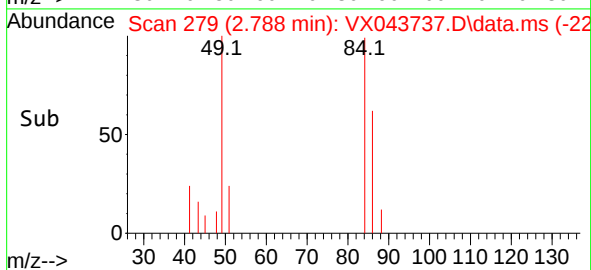
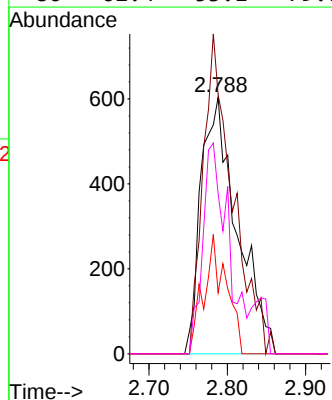
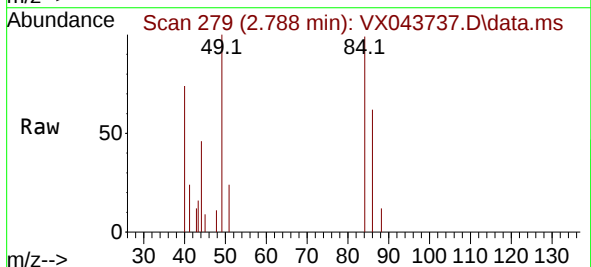
Instrument :
MSVOA_X
ClientSampleId :

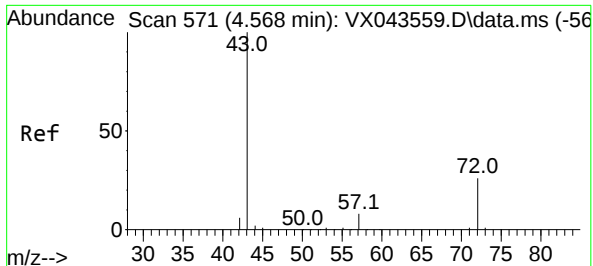
Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
74 24.7 19.1 28.7



#20
Methylene Chloride
Concen: 1.945 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 84 Resp: 1932
Ion Ratio Lower Upper
84 100
49 101.0 97.0 145.6
51 23.8 29.8 44.8#
86 62.4 53.1 79.7

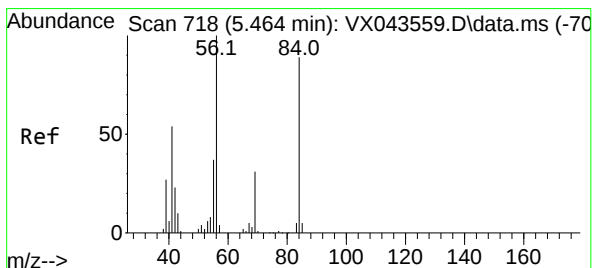
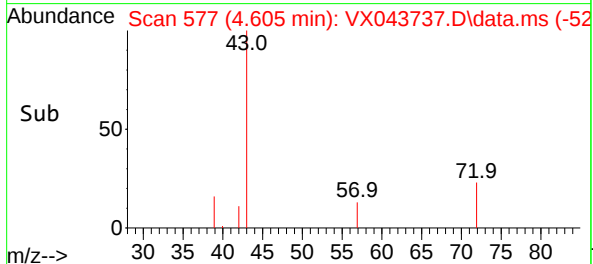
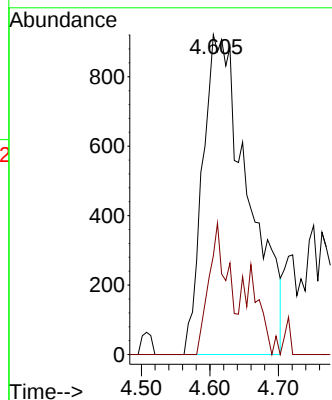
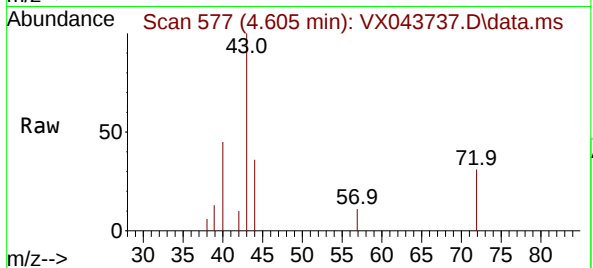




#25
2-Butanone
Concen: 6.282 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

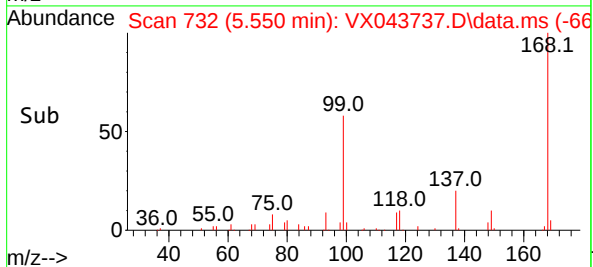
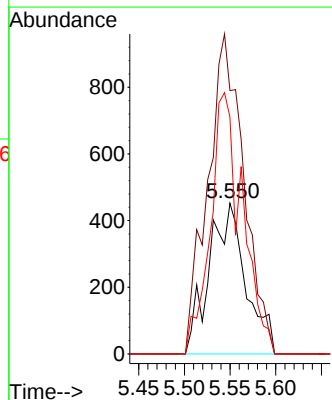
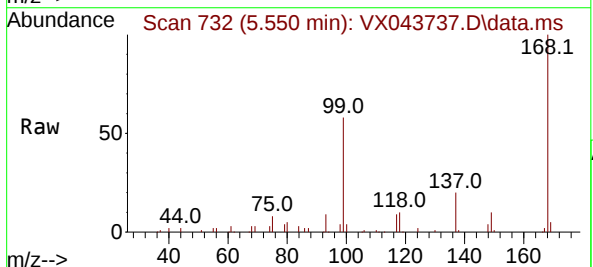
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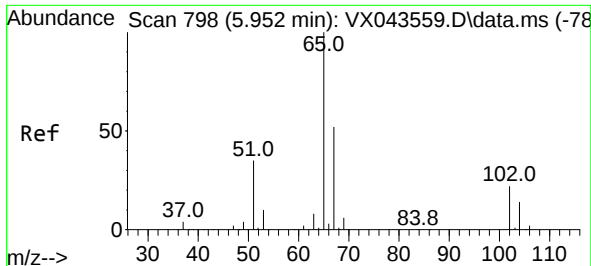
Tgt Ion: 43 Resp: 4224
Ion Ratio Lower Upper
43 100
72 30.8 21.1 31.7



#31
Cyclohexane
Concen: 1.034 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.092 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 56 Resp: 1267
Ion Ratio Lower Upper
56 100
69 174.8 24.9 37.3#
84 157.1 73.3 109.9#

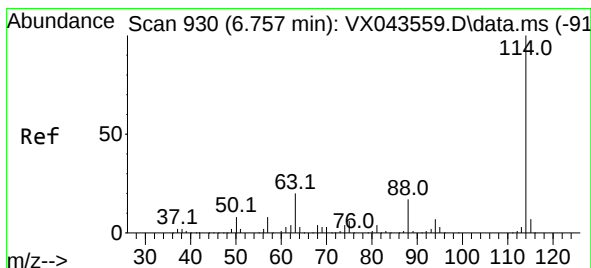
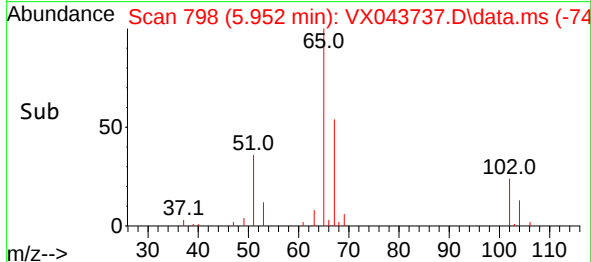
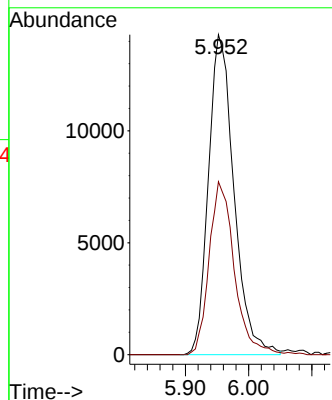
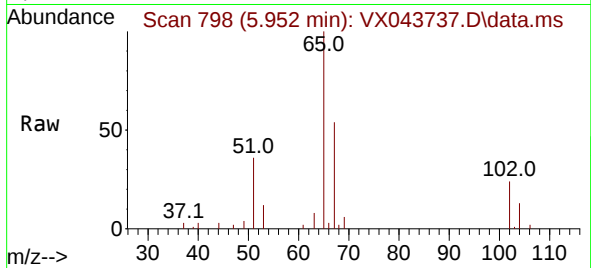




#33
 1,2-Dichloroethane-d4
 Concen: 34.512 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043737.D
 Acq: 07 Nov 2024 15:29

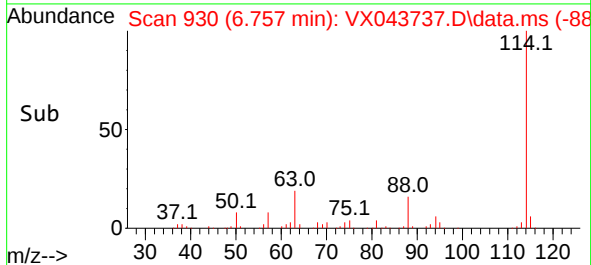
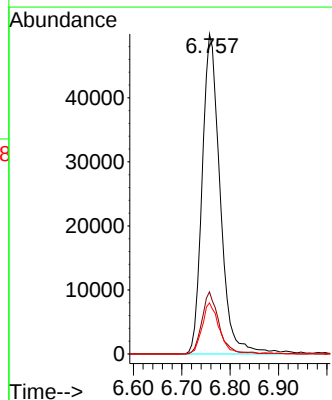
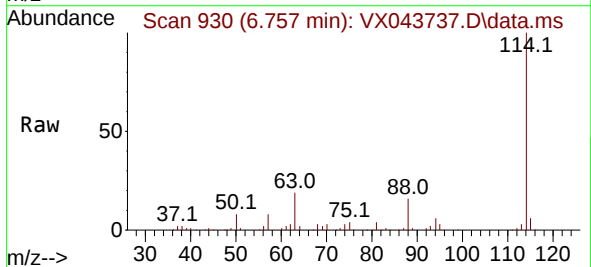
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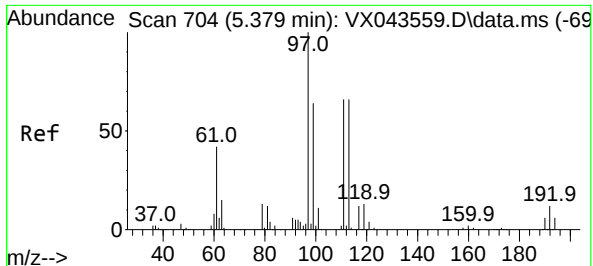
Tgt Ion: 65 Resp: 40061
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043737.D
 Acq: 07 Nov 2024 15:29

Tgt Ion: 114 Resp: 128565
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 41.349 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043737.D

Acq: 07 Nov 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

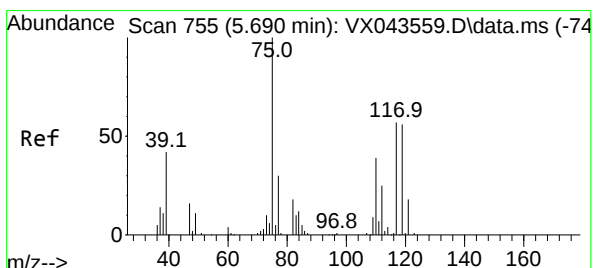
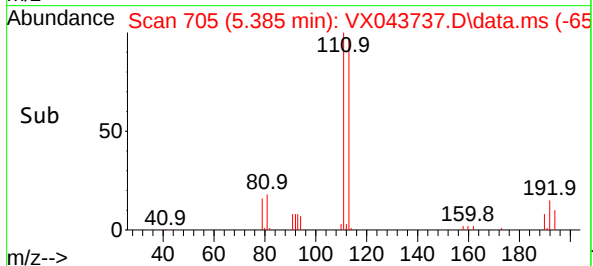
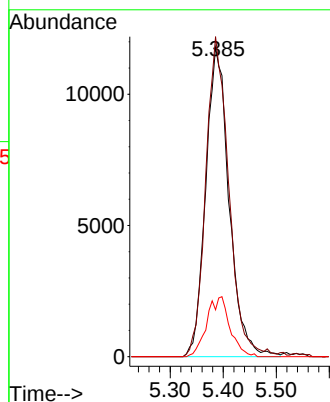
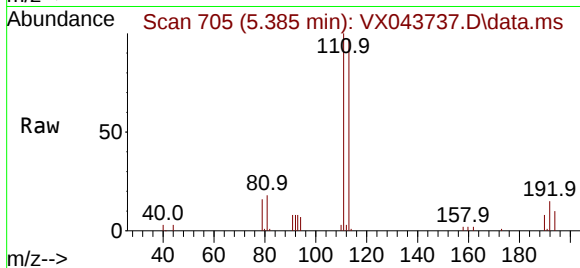
Tgt Ion:113 Resp: 36048

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.2 14.1 21.1



#36

1,1-Dichloropropene

Concen: 4.909 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX043737.D

Acq: 07 Nov 2024 15:29

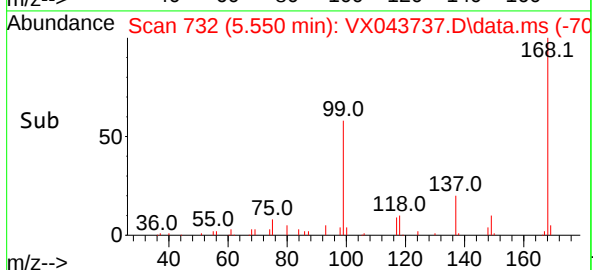
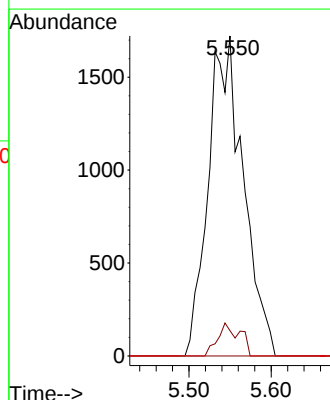
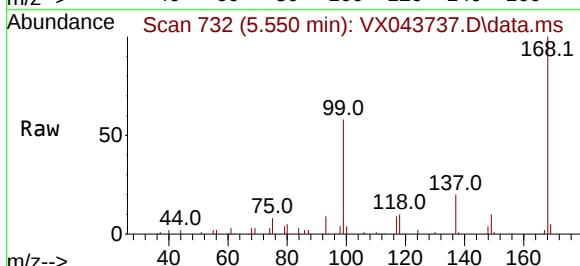
Tgt Ion: 75 Resp: 5075

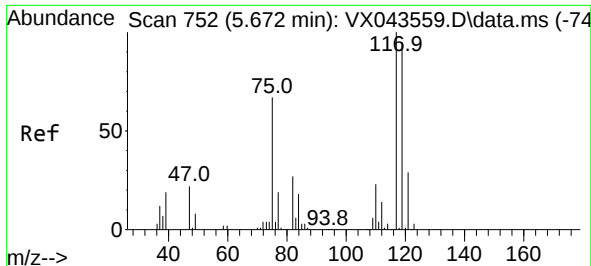
Ion Ratio Lower Upper

75 100

110 6.5 17.9 53.7#

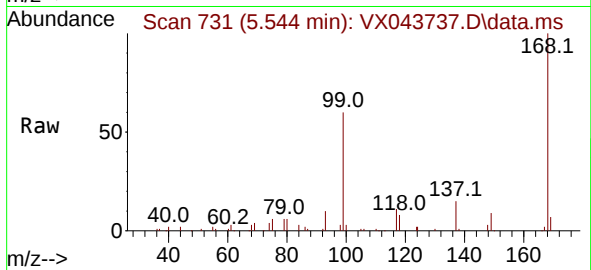
77 0.0 25.0 37.4#



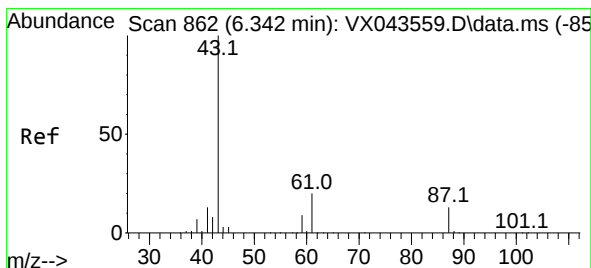
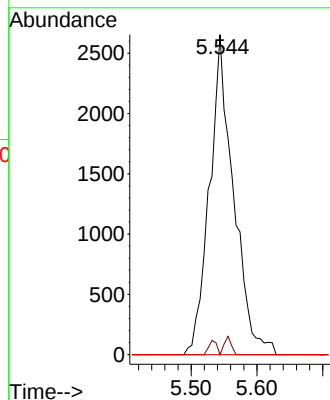
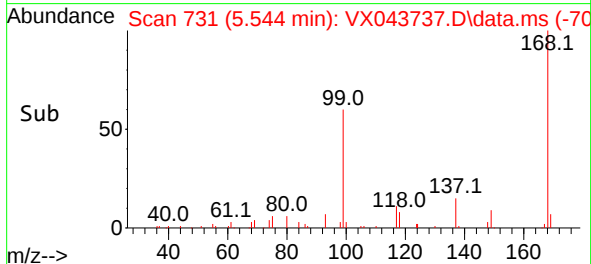


#38
Carbon Tetrachloride
Concen: 5.915 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :

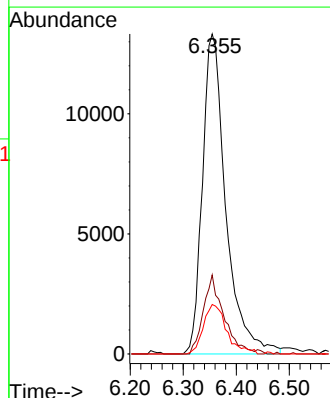
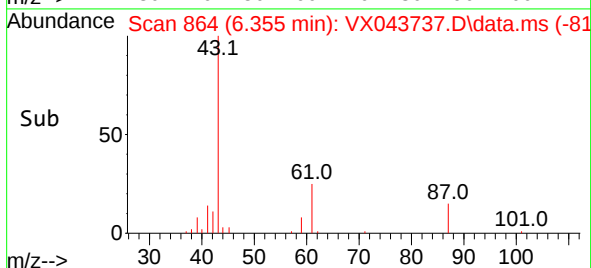
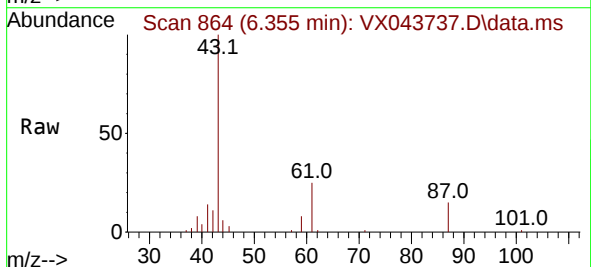


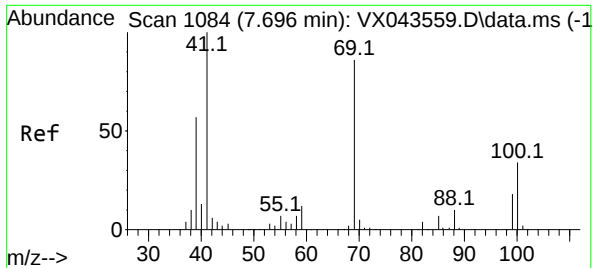
Tgt Ion:117 Resp: 6756
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 19.675 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 43 Resp: 40835
Ion Ratio Lower Upper
43 100
61 21.4 16.2 24.4
87 15.4 11.0 16.6





#48

Methyl methacrylate

Concen: 34.956 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX043737.D

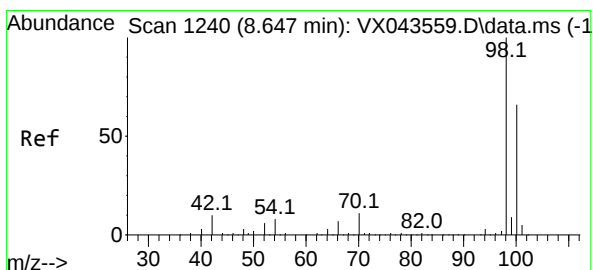
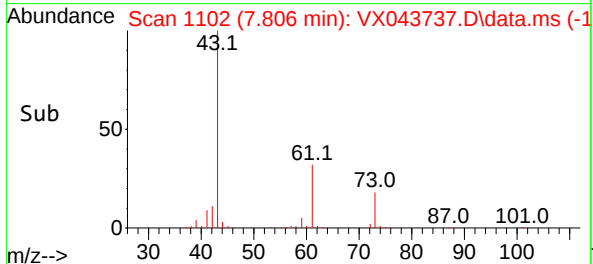
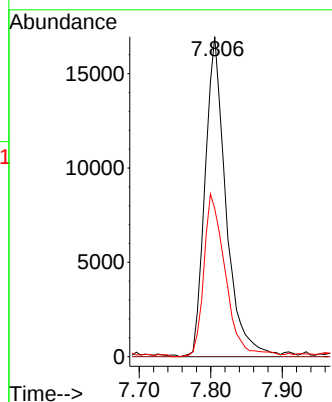
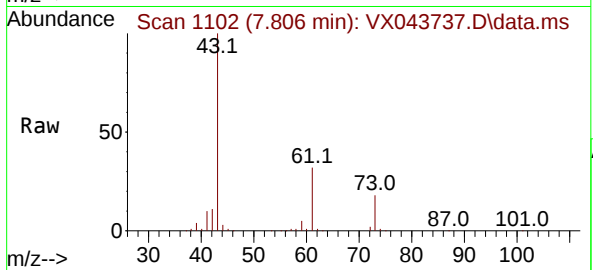
Acq: 07 Nov 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 34397
Ion Ratio	Lower Upper
41	100
69	0.0 67.7 101.5#
39	52.5 46.3 69.5



#50

Toluene-d8

Concen: 49.244 ug/l

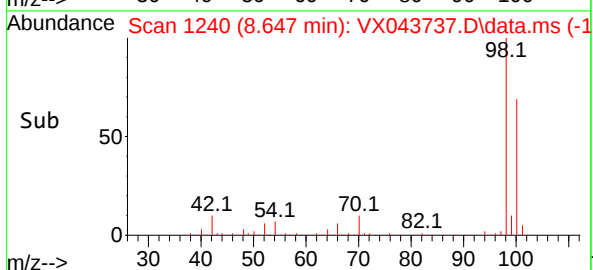
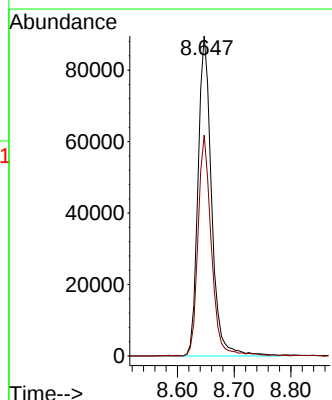
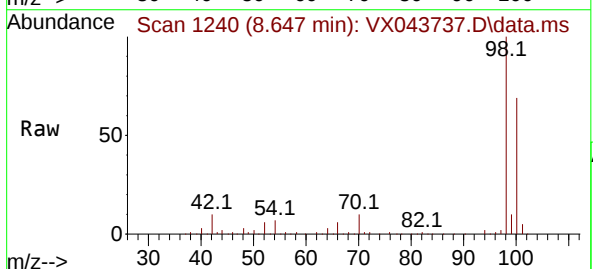
RT: 8.647 min Scan# 1240

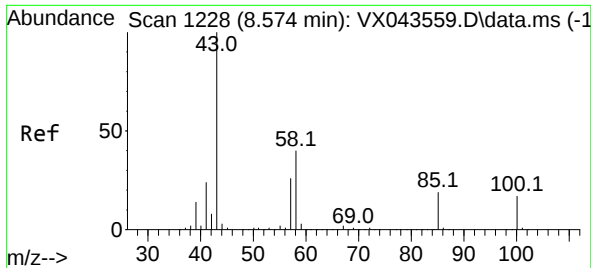
Delta R.T. 0.000 min

Lab File: VX043737.D

Acq: 07 Nov 2024 15:29

Tgt Ion: 98	Resp: 148610
Ion Ratio	Lower Upper
98	100
100	67.4 53.4 80.2

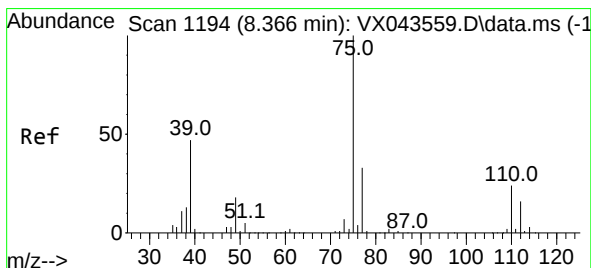
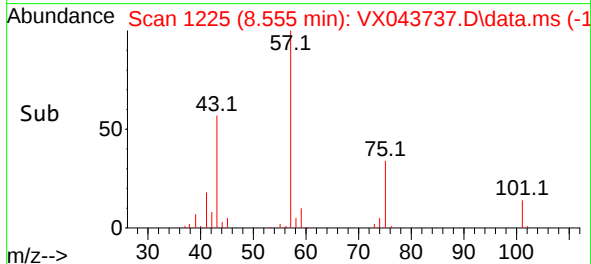
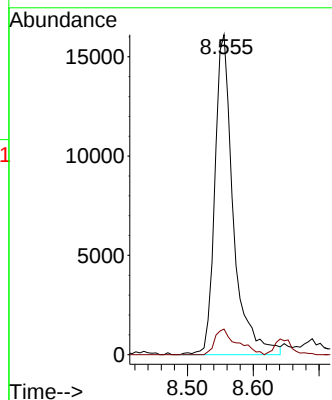
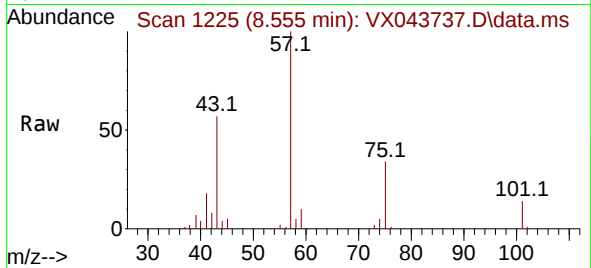




#51
4-Methyl-2-Pentanone
Concen: 24.874 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

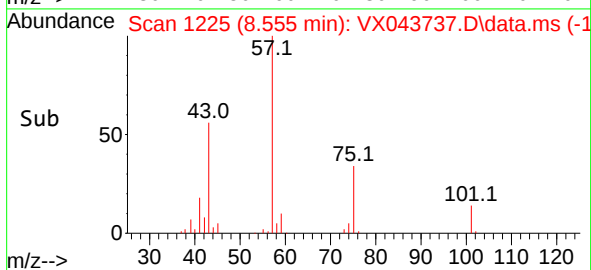
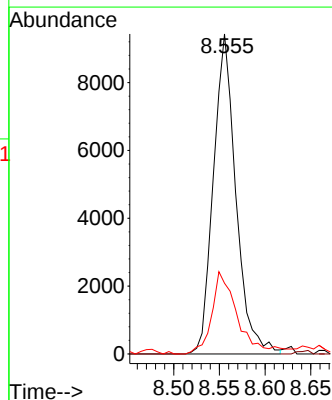
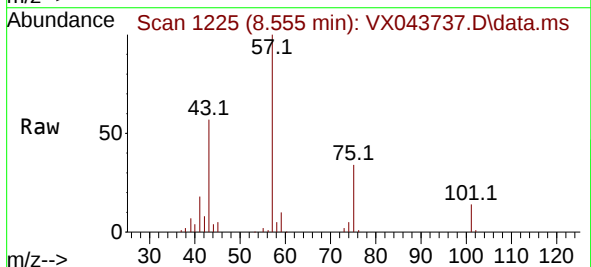
Instrument :
MSVOA_X
ClientSampleId :

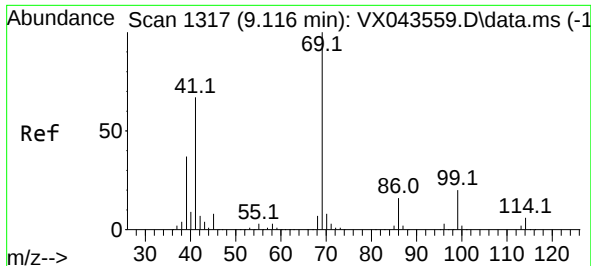
Tgt Ion: 43 Resp: 31466
Ion Ratio Lower Upper
43 100
58 9.6 31.7 47.5#



#54
cis-1,3-Dichloropropene
Concen: 12.301 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.189 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 75 Resp: 16146
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 22.1 37.7 56.5#

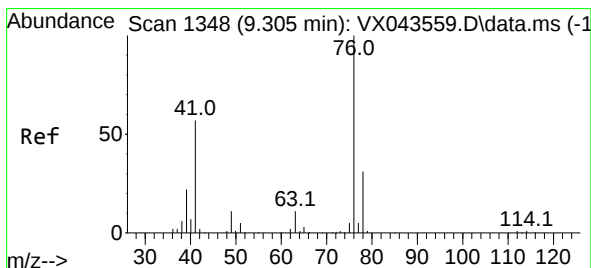
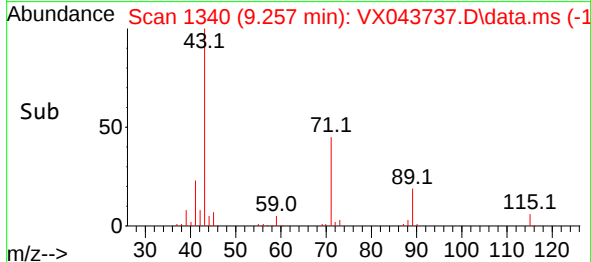
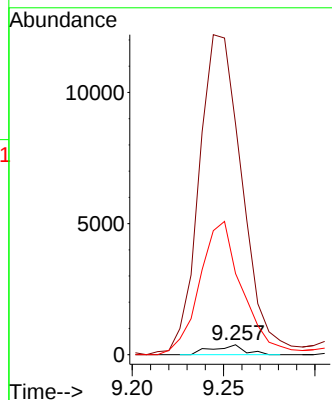
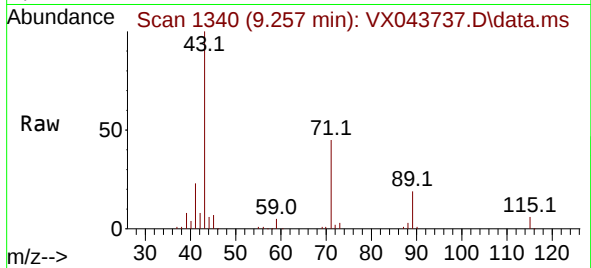




#56
Ethyl methacrylate
Concen: 0.324 ug/l
RT: 9.257 min Scan# 11
Delta R.T. 0.140 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

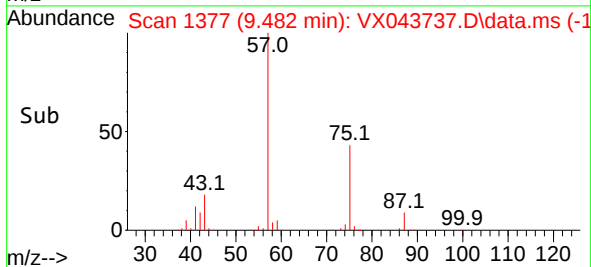
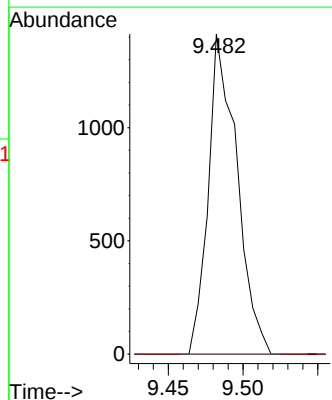
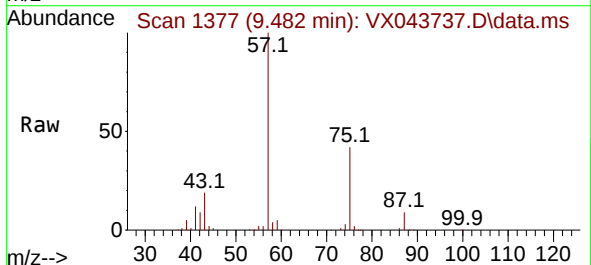
Instrument :
MSVOA_X
ClientSampleId :

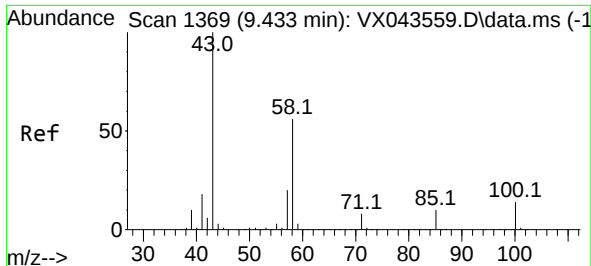
Tgt Ion: 69 Resp: 458
Ion Ratio Lower Upper
69 100
41 4393.2 53.8 80.8#
39 1809.4 29.9 44.9#



#57
1,3-Dichloropropane
Concen: 1.298 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 76 Resp: 1879
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#





#59

2-Hexanone

Concen: 23.979 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX043737.D

Acq: 07 Nov 2024 15:29

Instrument :

MSVOA_X

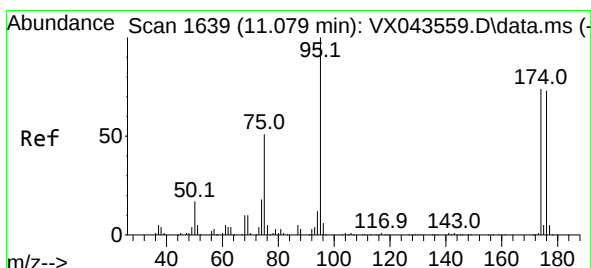
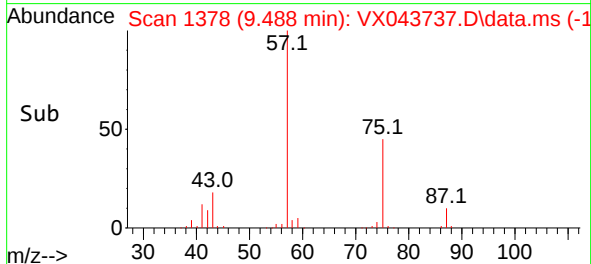
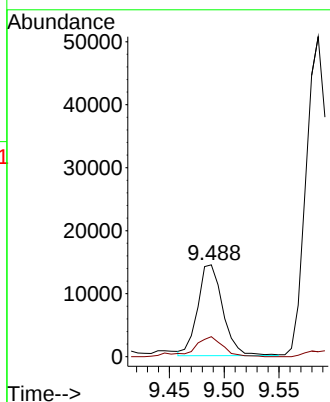
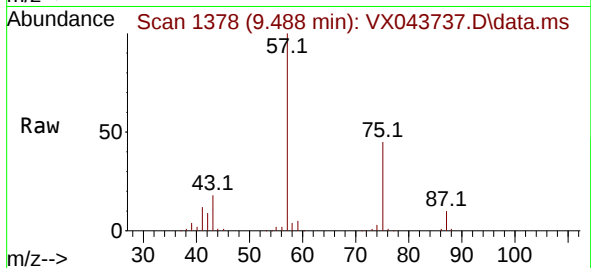
ClientSampleId :

Tgt Ion: 43 Resp: 23038

Ion Ratio Lower Upper

43 100

58 25.7 27.5 82.5#



#62

4-Bromofluorobenzene

Concen: 46.293 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043737.D

Acq: 07 Nov 2024 15:29

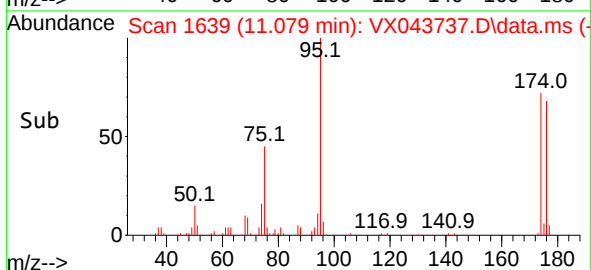
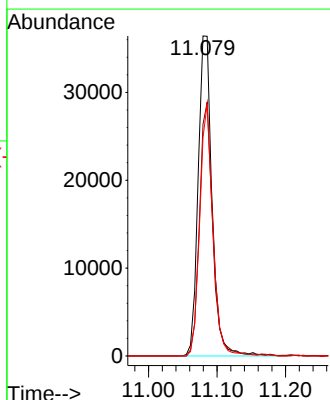
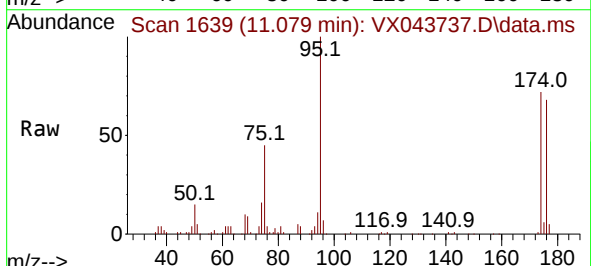
Tgt Ion: 95 Resp: 51768

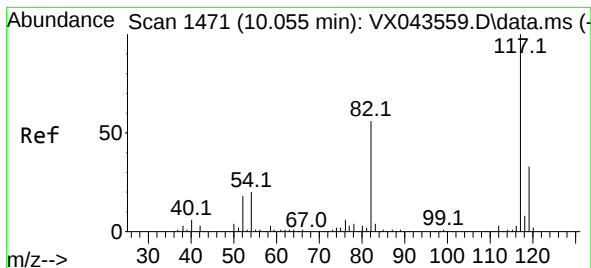
Ion Ratio Lower Upper

95 100

174 75.6 0.0 146.6

176 73.9 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: VX043737.D

Acq: 07 Nov 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

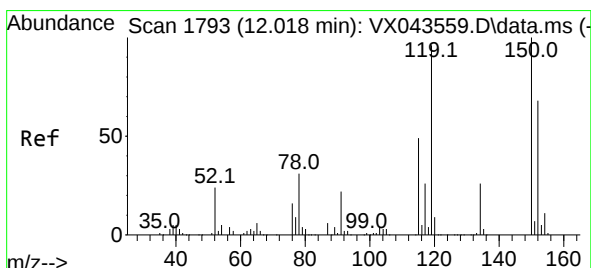
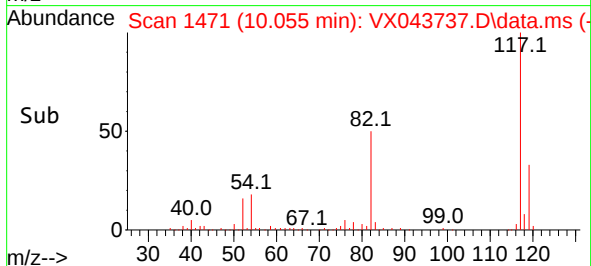
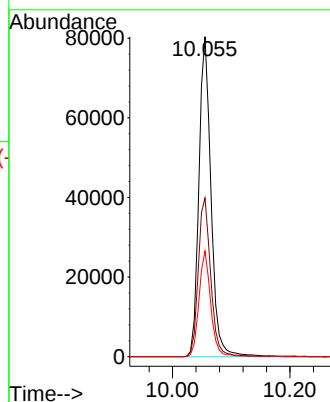
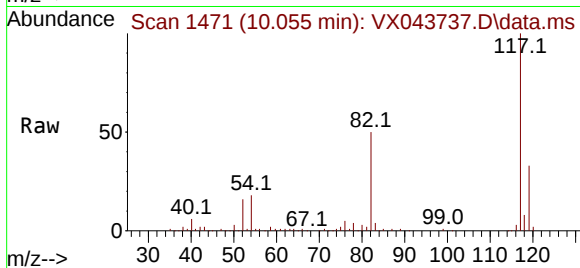
Tgt Ion:117 Resp: 115248

Ion Ratio Lower Upper

117 100

82 49.6 42.1 63.1

119 33.0 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: VX043737.D

Acq: 07 Nov 2024 15:29

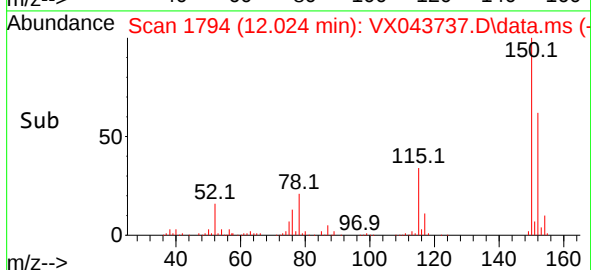
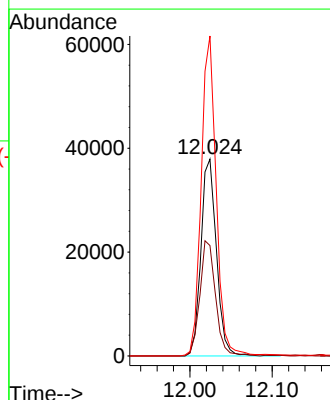
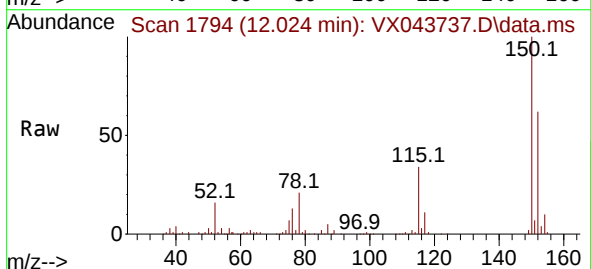
Tgt Ion:152 Resp: 49956

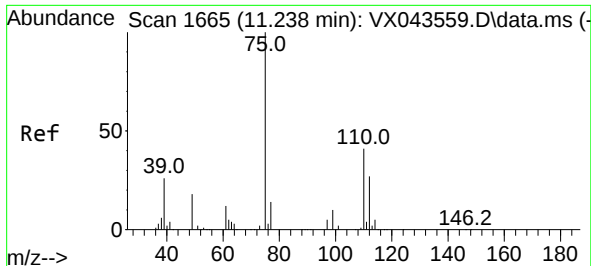
Ion Ratio Lower Upper

152 100

115 58.8 42.9 128.7

150 157.5 0.0 343.6

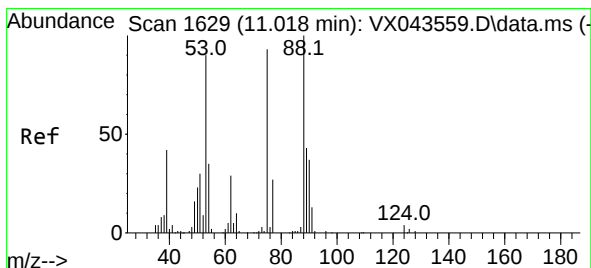
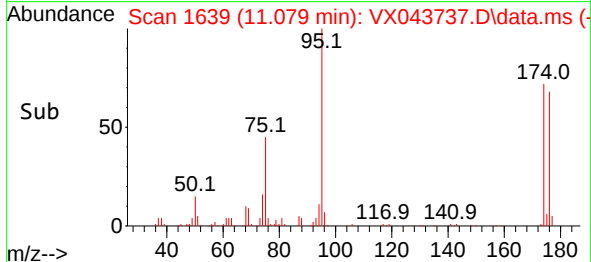
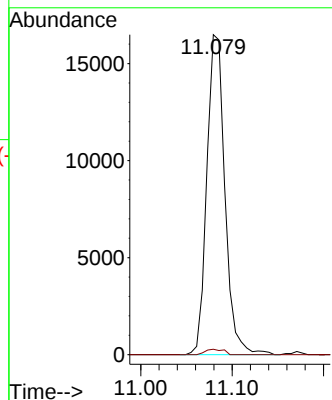
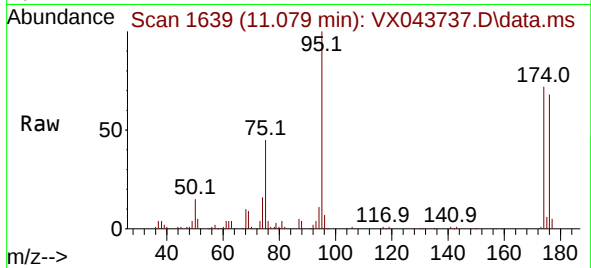




#76
1,2,3-Trichloropropane
Concen: 21.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 22705
Ion Ratio Lower Upper
75 100
77 1.7 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043737.D
Acq: 07 Nov 2024 15:29

Tgt Ion: 75 Resp: 22705
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

