

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043738.D
 Acq On : 07 Nov 2024 15:52
 Operator : JC/MD
 Sample : P4722-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:09:35 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

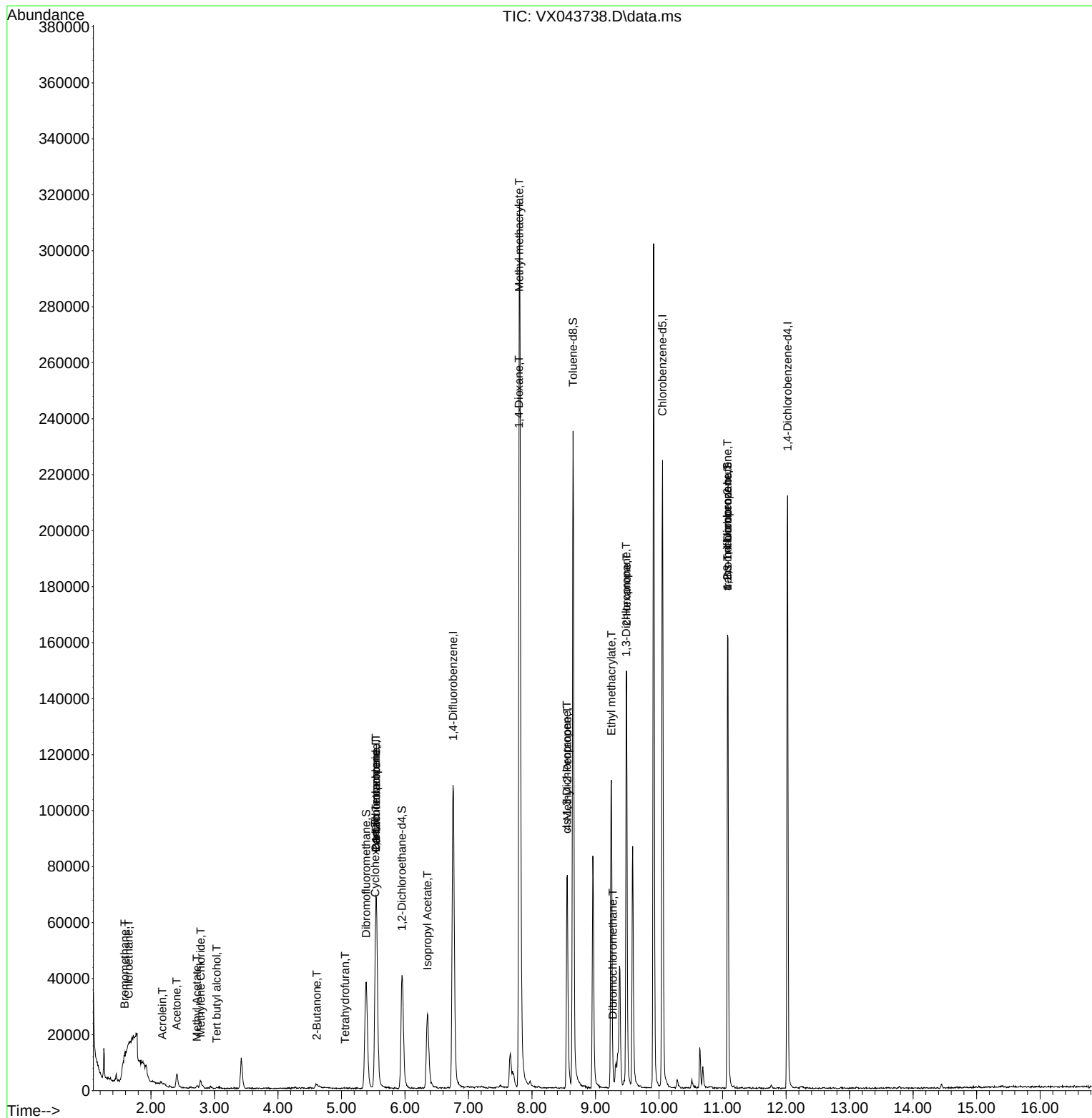
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	71929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40416	35.239	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	70.480%#
35) Dibromofluoromethane	5.385	113	35599	41.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.000%
50) Toluene-d8	8.647	98	149442	50.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	48874	44.423	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	327	0.879	ug/l #	2
6) Chloroethane	1.648	64	441	1.372	ug/l #	75
11) Tert butyl alcohol	3.032	59	265	1.238	ug/l #	100
13) Acrolein	2.179	56	43	0.257	ug/l #	1
16) Acetone	2.404	43	6869	15.082	ug/l	99
18) Methyl Acetate	2.721	43	1637	1.230	ug/l #	51
20) Methylene Chloride	2.782	84	1807	1.841	ug/l	96
25) 2-Butanone	4.611	43	2931	4.412	ug/l	95
29) Tetrahydrofuran	5.056	42	214	0.496	ug/l #	32
31) Cyclohexane	5.532	56	1167	0.964	ug/l #	6
36) 1,1-Dichloropropene	5.544	75	5112	5.026	ug/l #	44
38) Carbon Tetrachloride	5.544	117	7306	6.501	ug/l #	12
43) Isopropyl Acetate	6.355	43	40535	19.851	ug/l	97
48) Methyl methacrylate	7.799	41	29531	30.504	ug/l #	42
49) 1,4-Dioxane	7.793	88	23	1.156	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	28928	23.244	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	15953	12.353	ug/l #	59
56) Ethyl methacrylate	9.250	69	362	0.260	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1510	1.060	ug/l #	42
59) 2-Hexanone	9.488	43	19480	20.608	ug/l #	55
60) Dibromochloromethane	9.275	129	226	0.266	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	23023	22.430	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	23023	61.706	ug/l #	7

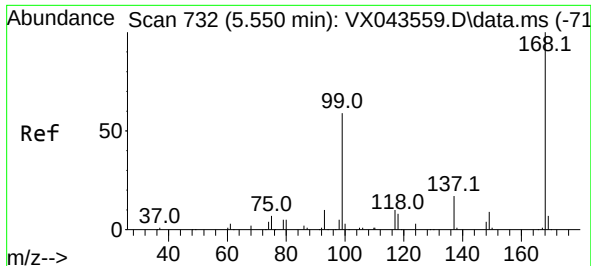
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
Data File : VX043738.D
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Sample : P4722-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

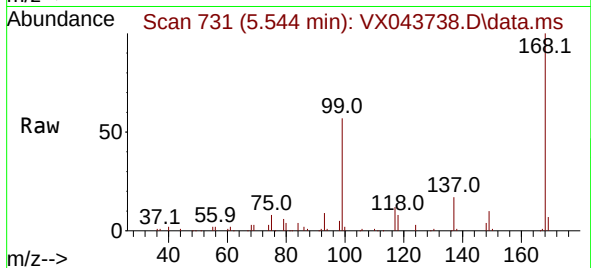
Quant Time: Nov 08 04:09:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



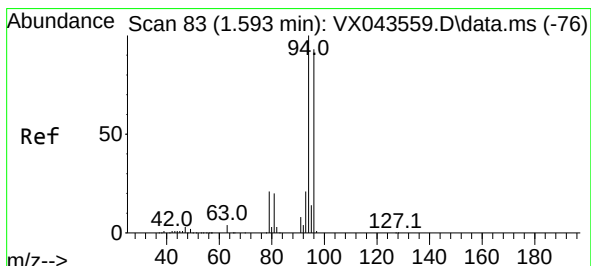
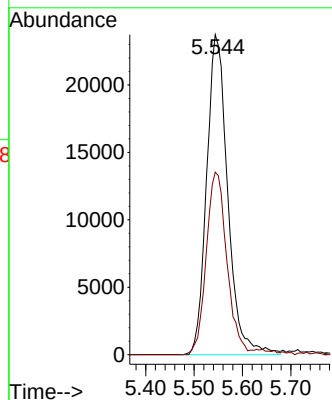
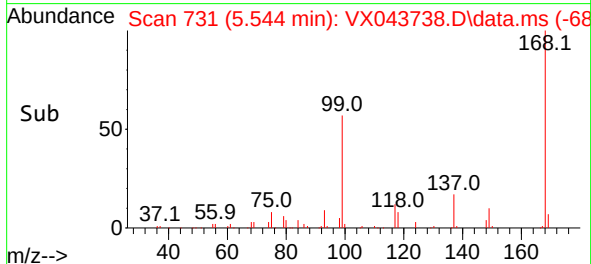


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :

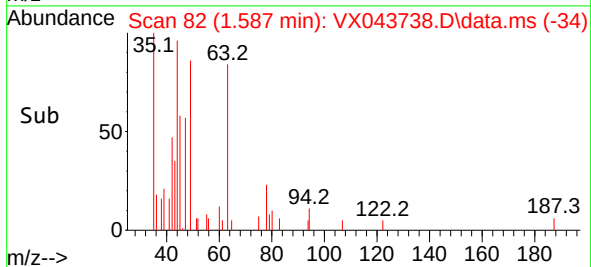
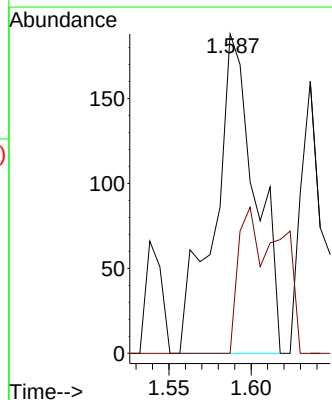
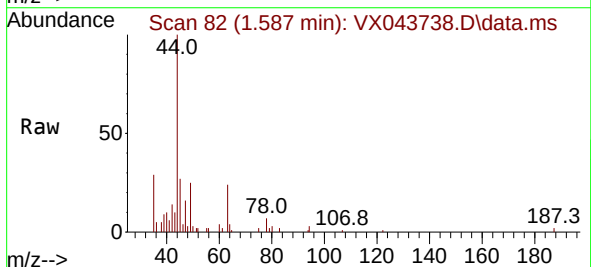


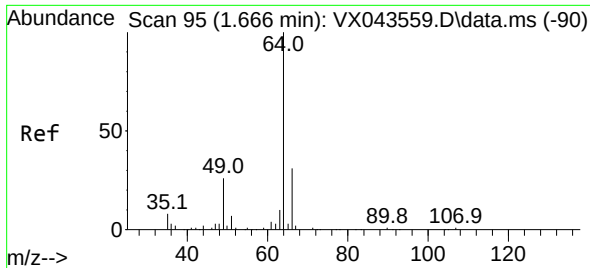
Tgt Ion:168 Resp: 71929
Ion Ratio Lower Upper
168 100
99 57.0 52.6 78.8



#5
Bromomethane
Concen: 0.879 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.006 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Tgt Ion: 94 Resp: 327
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

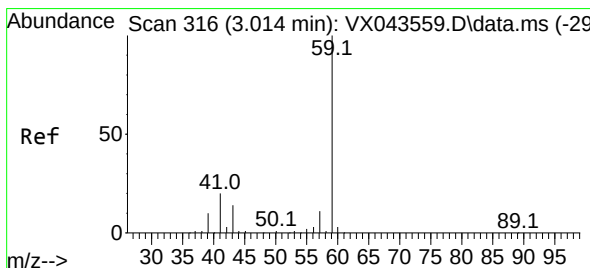
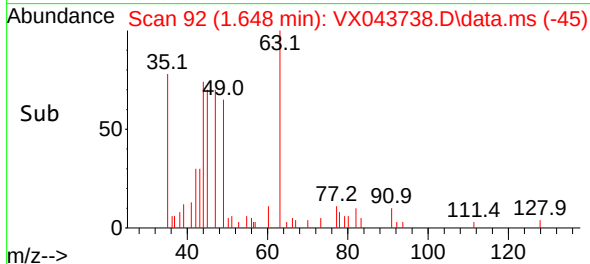
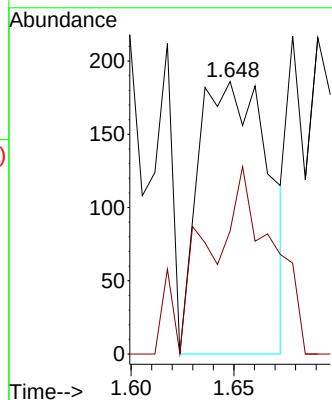
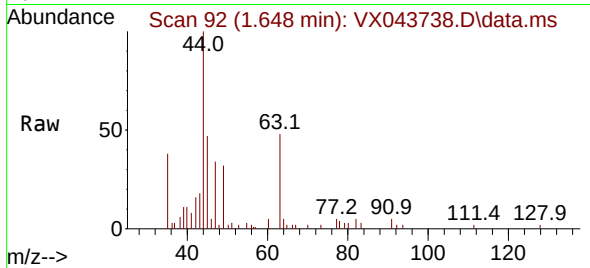




#6
Chloroethane
Concen: 1.372 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

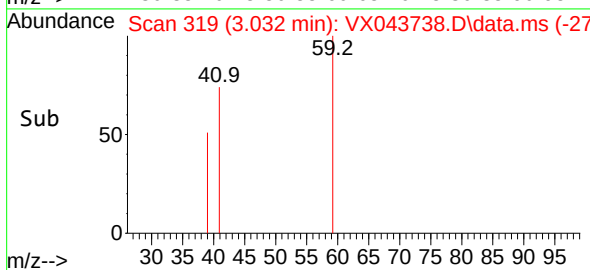
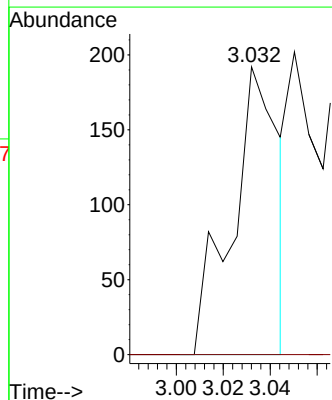
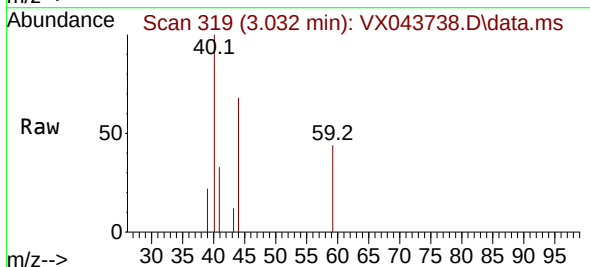
Instrument :
MSVOA_X
ClientSampleId :

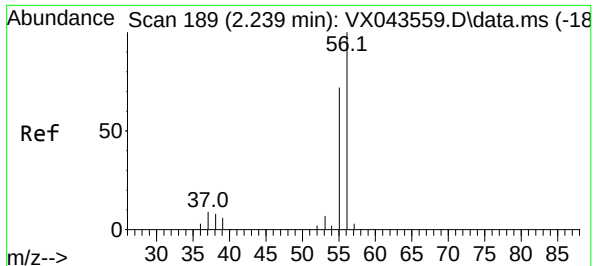
Tgt Ion: 64 Resp: 441
Ion Ratio Lower Upper
64 100
66 45.2 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.238 ug/l
RT: 3.032 min Scan# 319
Delta R.T. -0.018 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

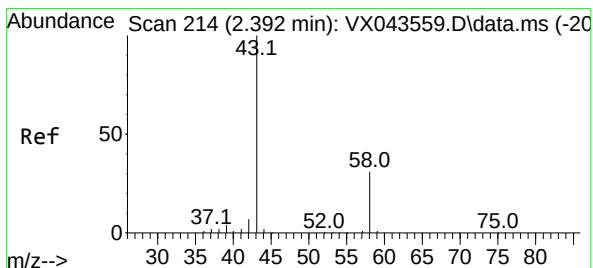
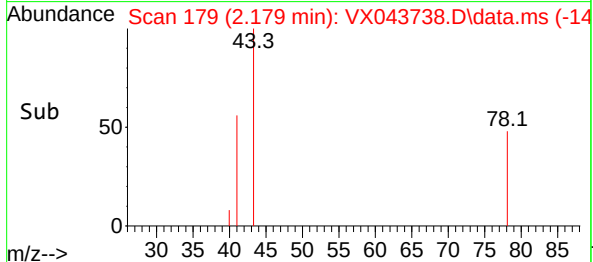
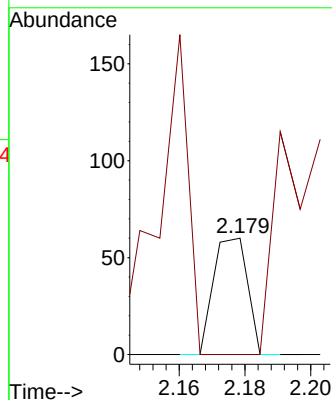
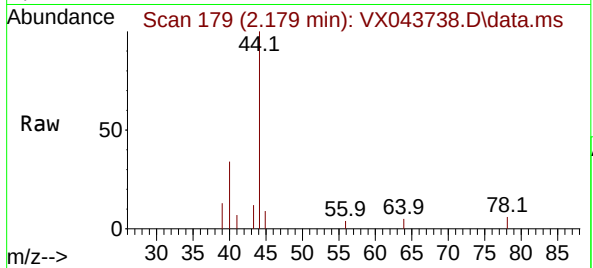




#13
Acrolein
Concen: 0.257 ug/l
RT: 2.179 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

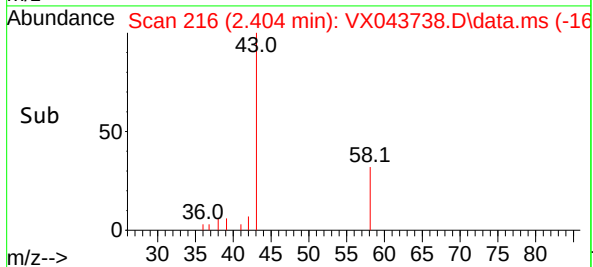
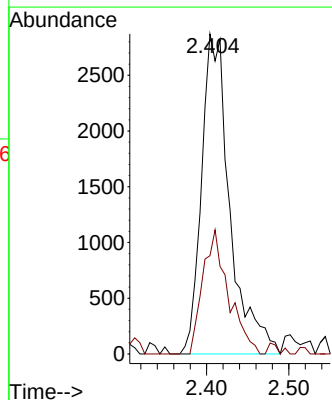
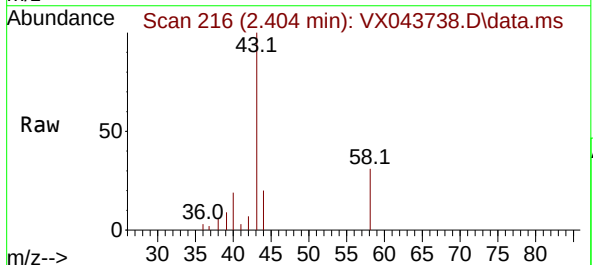
Instrument :
MSVOA_X
ClientSampleId :

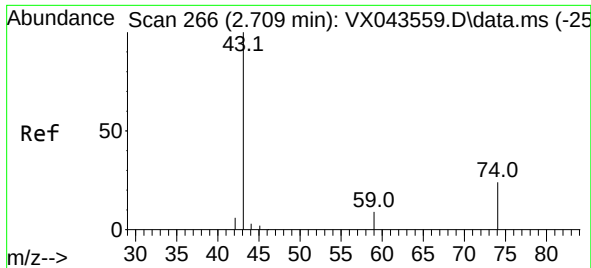
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 255.8 55.3 82.9#



#16
Acetone
Concen: 15.082 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Tgt Ion: 43 Resp: 6869
Ion Ratio Lower Upper
43 100
58 30.7 25.1 37.7

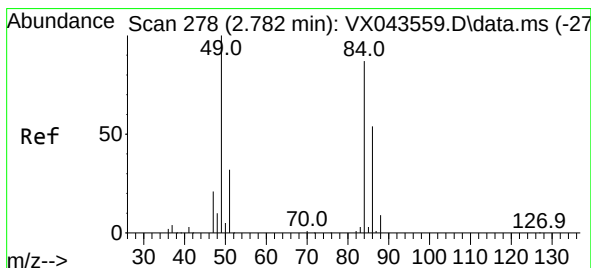
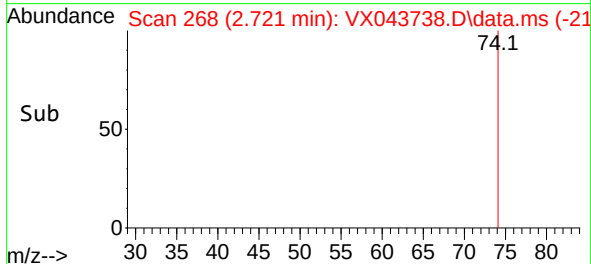
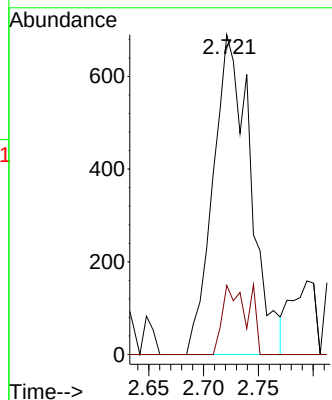
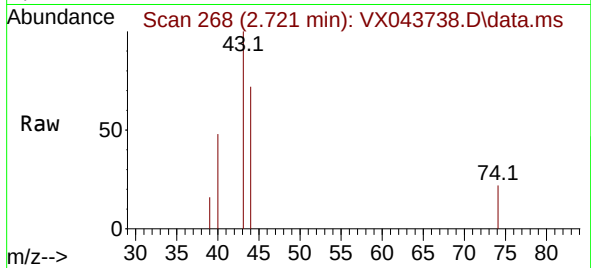




#18
Methyl Acetate
Concen: 1.230 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

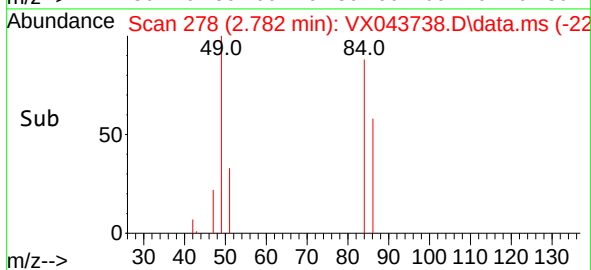
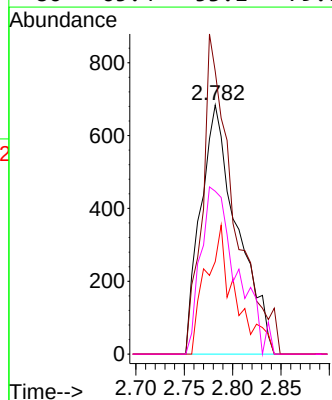
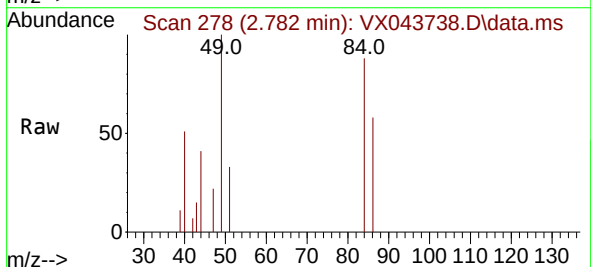
Instrument :
MSVOA_X
ClientSampleId :

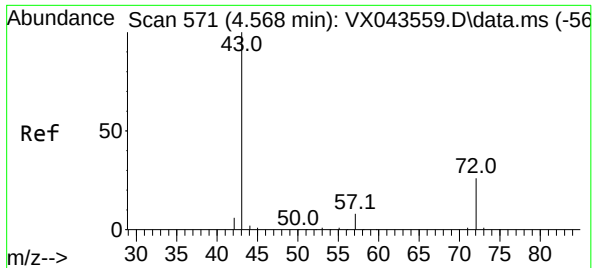
Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 1.841 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Tgt Ion: 84 Resp: 1807
Ion Ratio Lower Upper
84 100
49 113.5 97.0 145.6
51 37.1 29.8 44.8
86 65.4 53.1 79.7





#25

2-Butanone

Concen: 4.412 ug/l

RT: 4.611 min Scan# 5

Delta R.T. 0.043 min

Lab File: VX043738.D

Acq: 07 Nov 2024 15:52

Instrument :

MSVOA_X

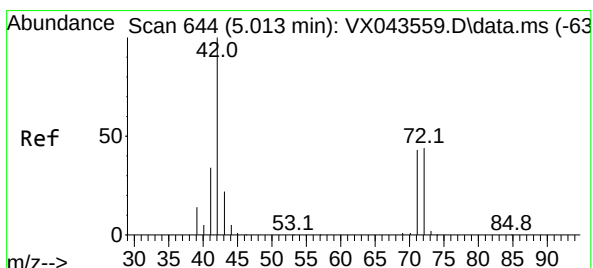
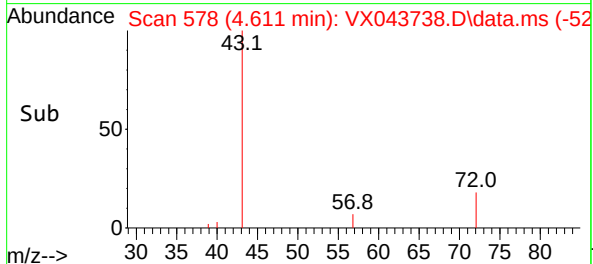
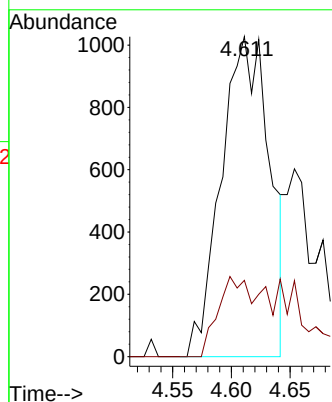
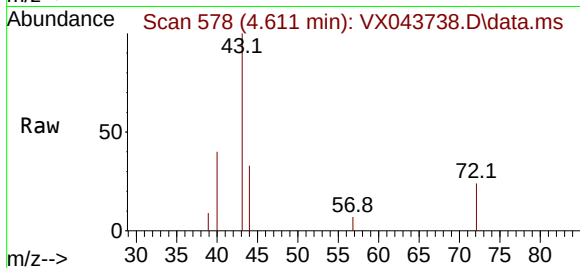
ClientSampleId :

Tgt Ion: 43 Resp: 2931

Ion Ratio Lower Upper

43 100

72 23.9 21.1 31.7



#29

Tetrahydrofuran

Concen: 0.496 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.043 min

Lab File: VX043738.D

Acq: 07 Nov 2024 15:52

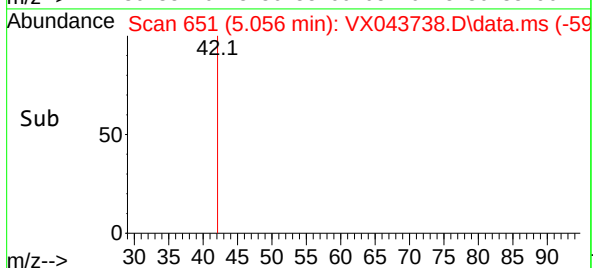
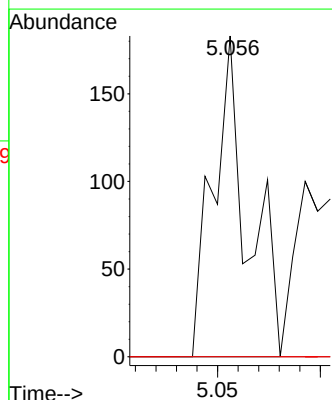
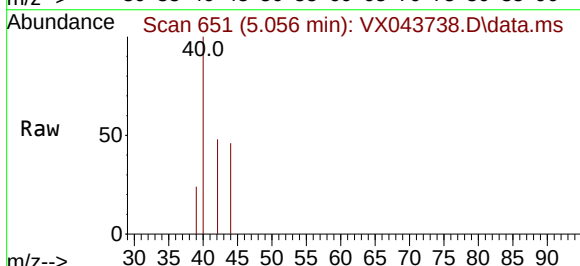
Tgt Ion: 42 Resp: 214

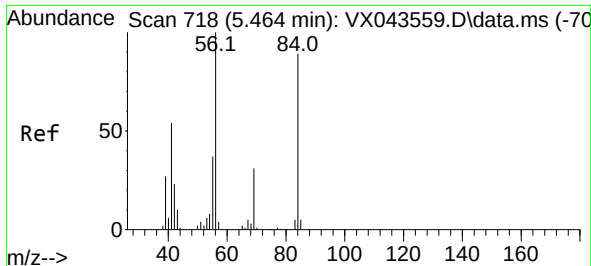
Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

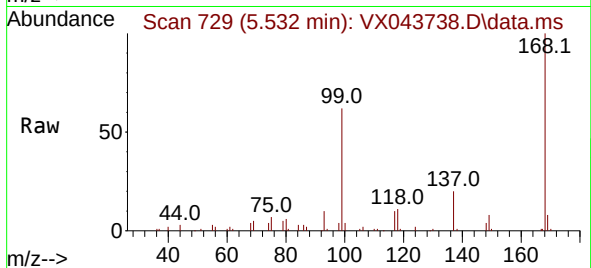
71 0.0 34.2 51.4#



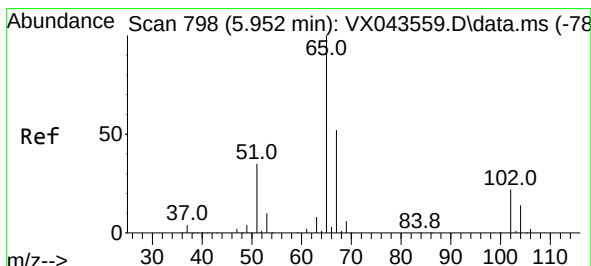
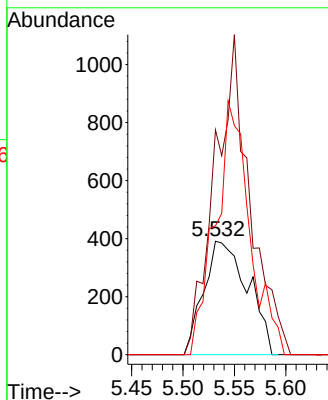
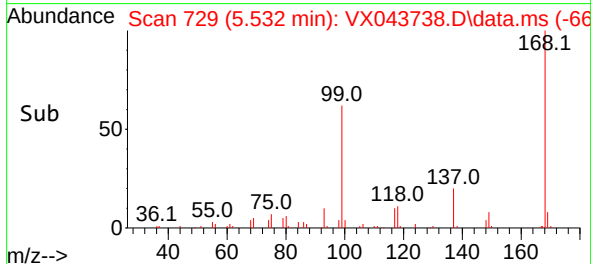


#31
Cyclohexane
Concen: 0.964 ug/l
RT: 5.532 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :

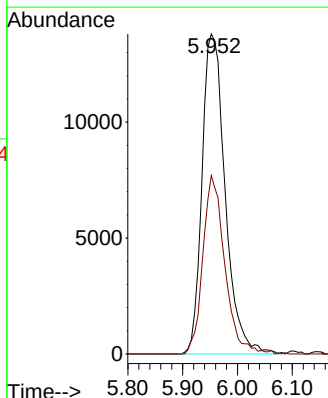
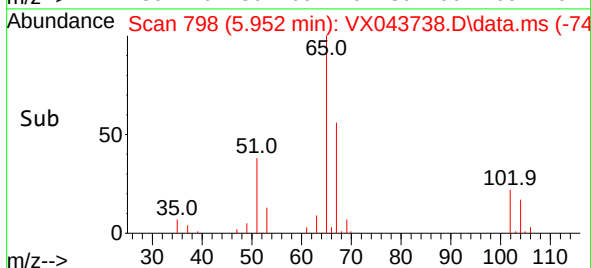
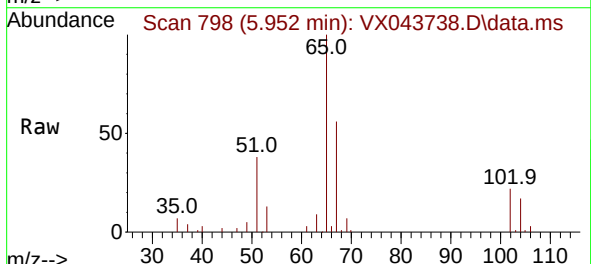


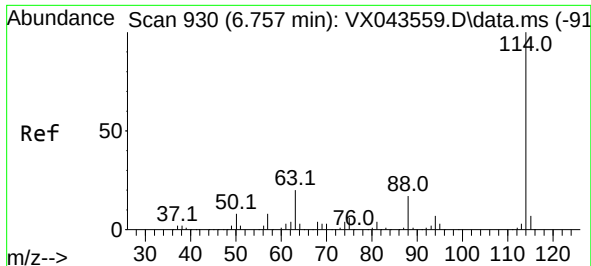
Tgt Ion: 56 Resp: 1167
Ion Ratio Lower Upper
56 100
69 198.2 24.9 37.3#
84 113.6 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 35.239 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

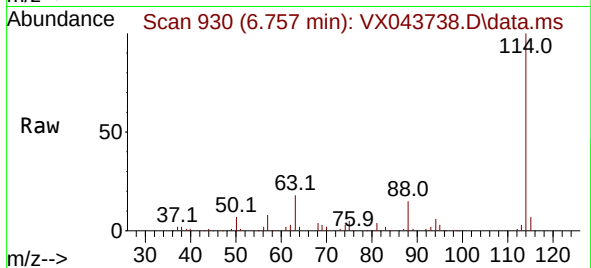
Tgt Ion: 65 Resp: 40416
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4



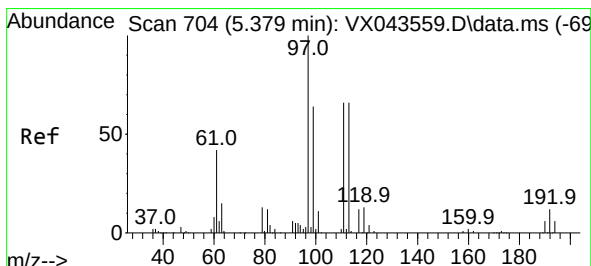
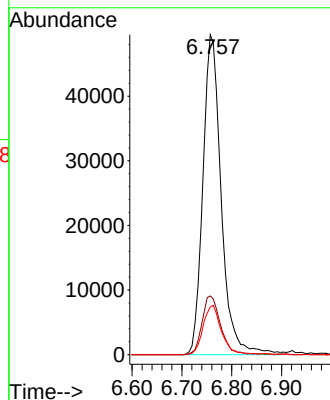
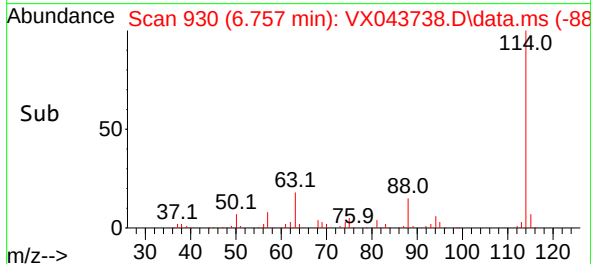


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :

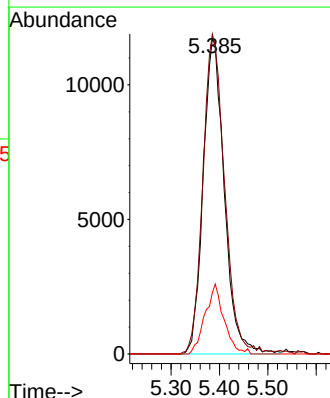
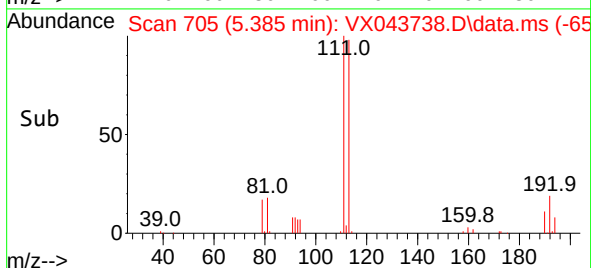
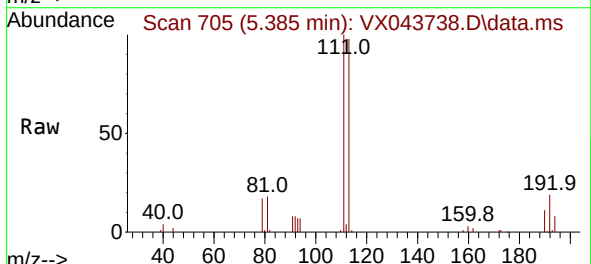


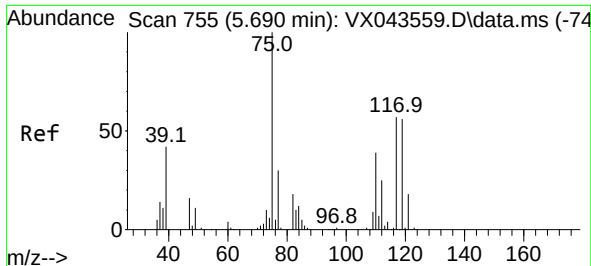
Tgt Ion:114 Resp: 126487
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.2
88 14.9 0.0 34.0



#35
Dibromofluoromethane
Concen: 41.505 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

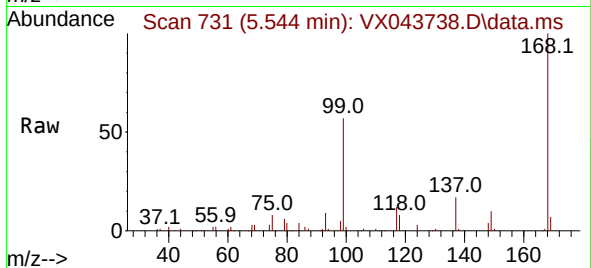
Tgt Ion:113 Resp: 35599
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 19.7 14.1 21.1



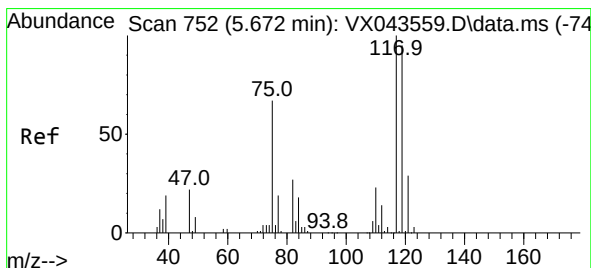
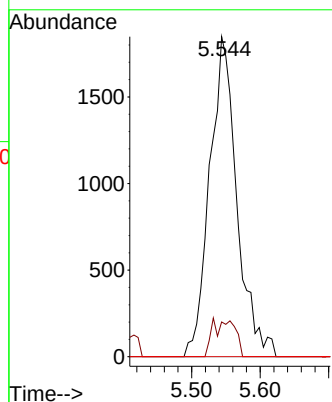
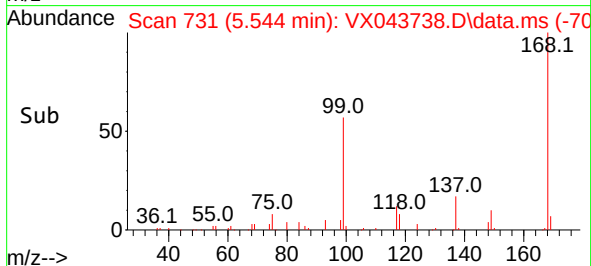


#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

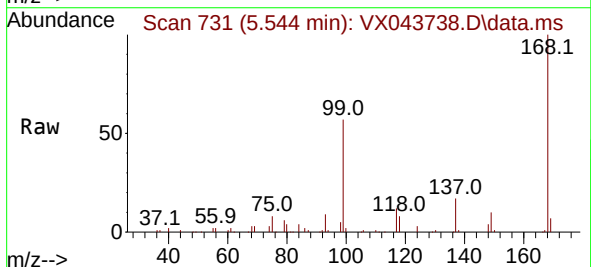
Instrument :
MSVOA_X
ClientSampleId :



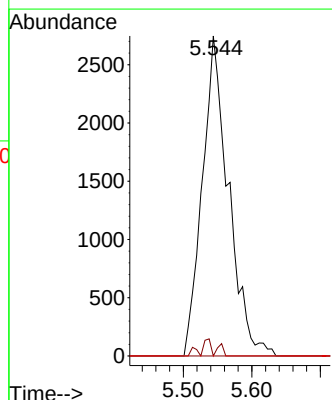
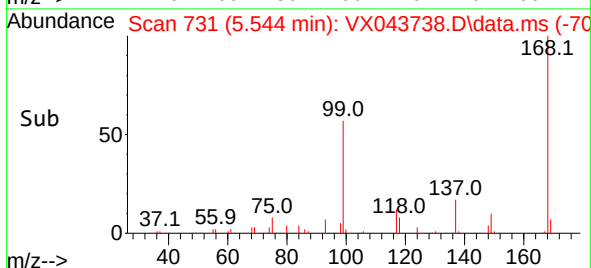
Tgt Ion: 75 Resp: 5112
Ion Ratio Lower Upper
75 100
110 3.1 17.9 53.7#
77 0.0 25.0 37.4#

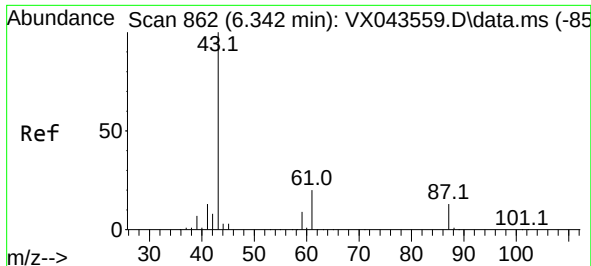


#38
Carbon Tetrachloride
Concen: 6.501 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52



Tgt Ion: 117 Resp: 7306
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#
121 0.0 24.7 37.1#

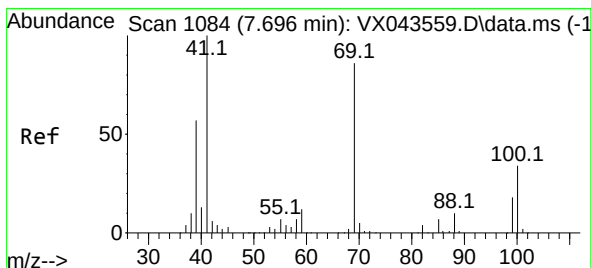
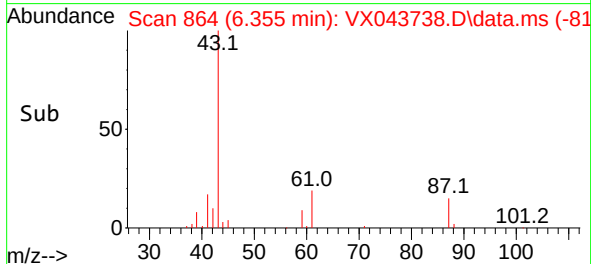
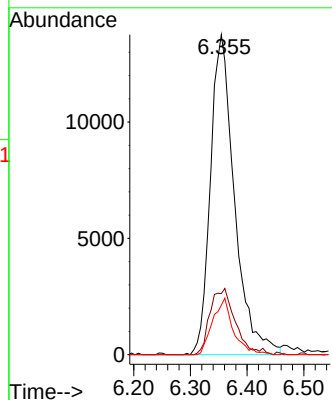
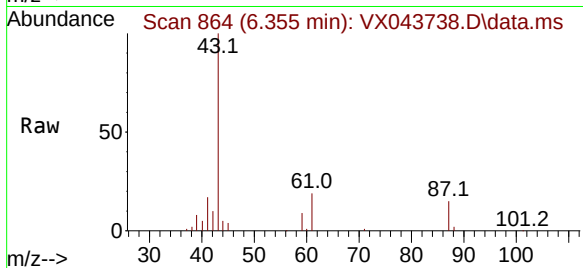




#43
Isopropyl Acetate
Concen: 19.851 ug/l
RT: 6.355 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

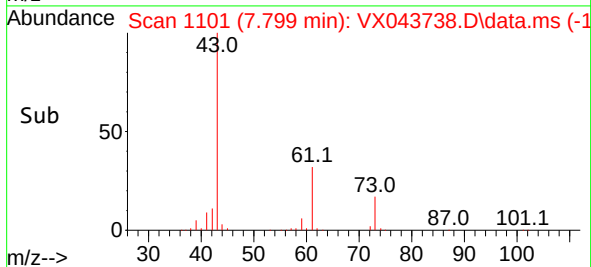
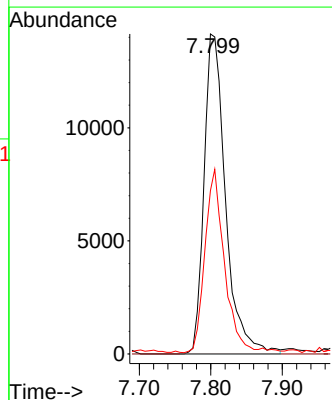
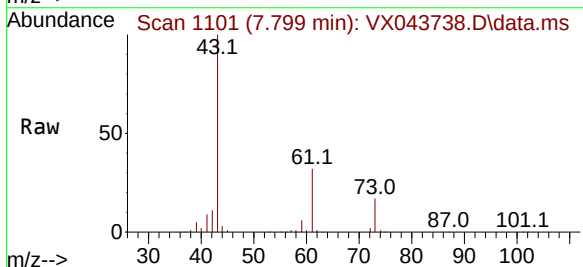
Instrument :
MSVOA_X
ClientSampleId :

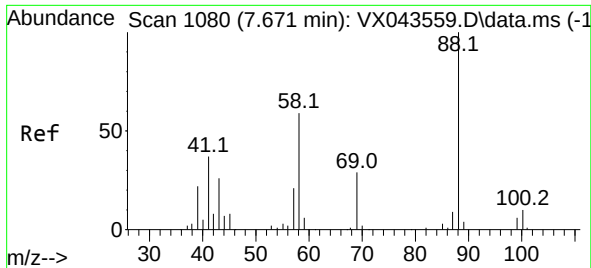
Tgt Ion: 43 Resp: 40535
Ion Ratio Lower Upper
43 100
61 21.7 16.2 24.4
87 15.3 11.0 16.6



#48
Methyl methacrylate
Concen: 30.504 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Tgt Ion: 41 Resp: 29531
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 51.9 46.3 69.5

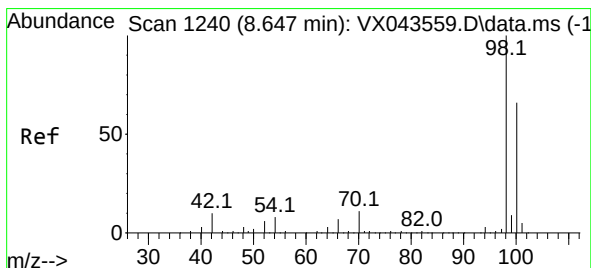
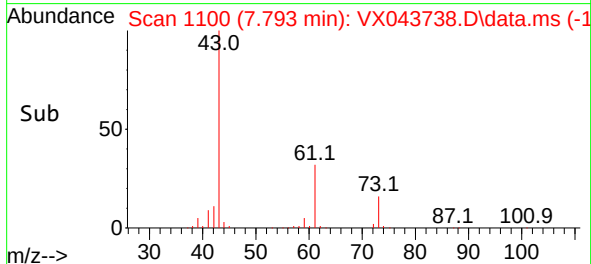
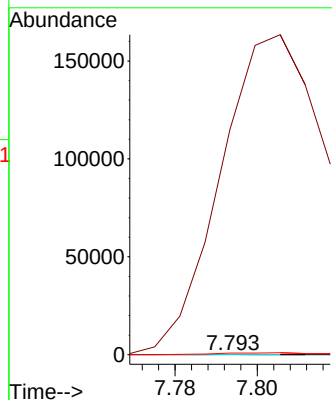
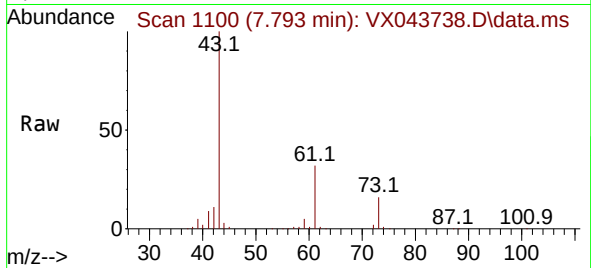




#49
1,4-Dioxane
Concen: 1.156 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.122 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

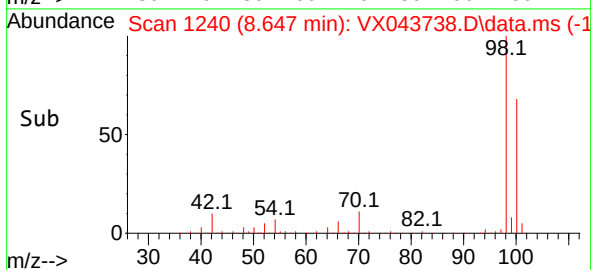
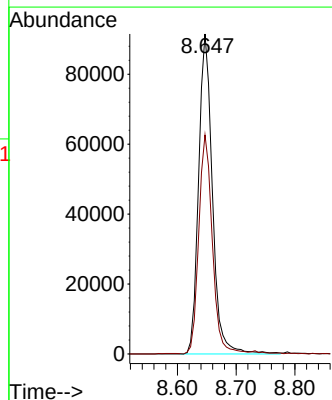
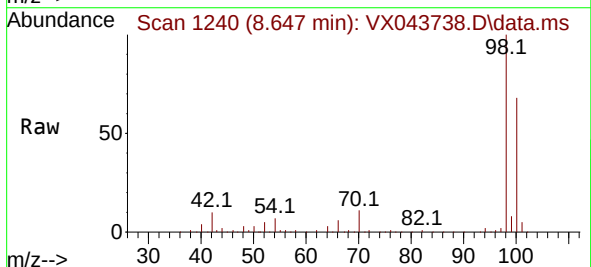
Instrument :
MSVOA_X
ClientSampleId :

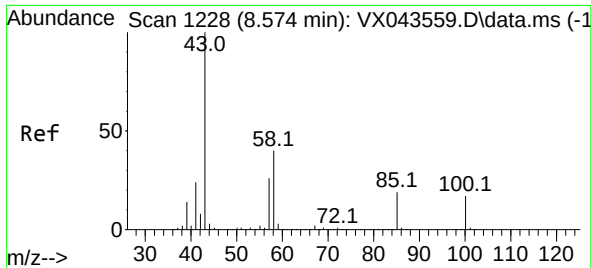
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 1470726.1 25.3 37.9#
58 8239.1 53.9 80.9#



#50
Toluene-d8
Concen: 50.333 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Tgt Ion: 98 Resp: 149442
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2

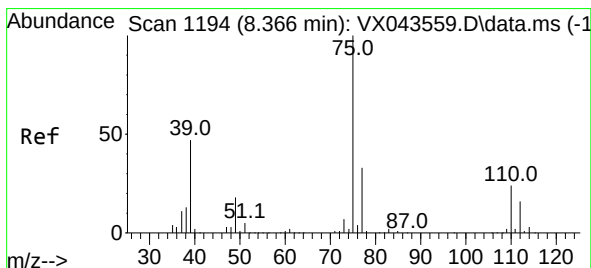
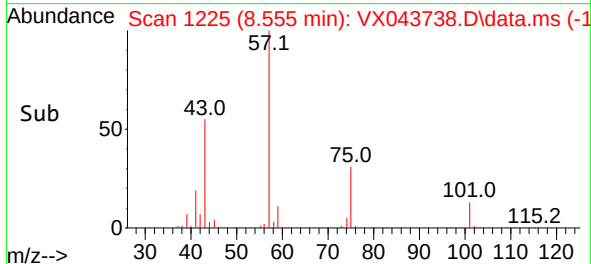
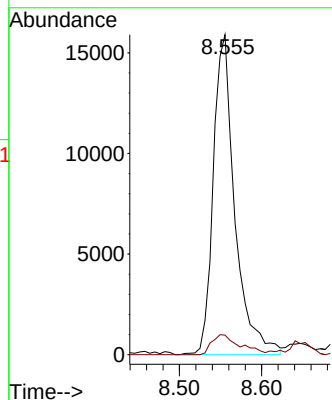
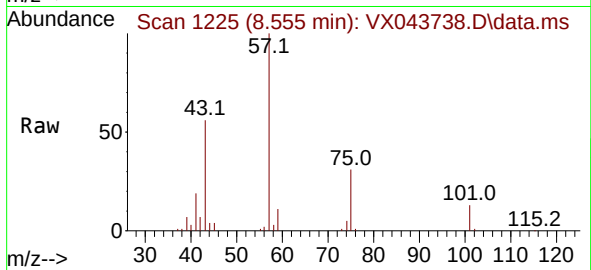




#51
4-Methyl-2-Pentanone
Concen: 23.244 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

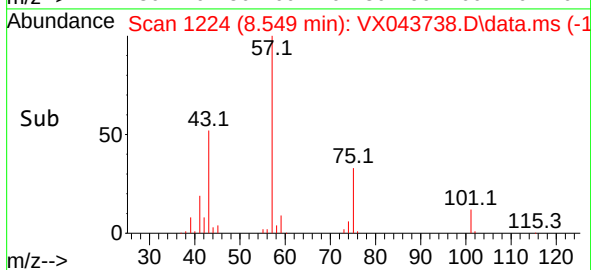
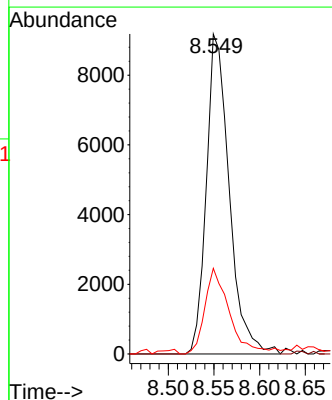
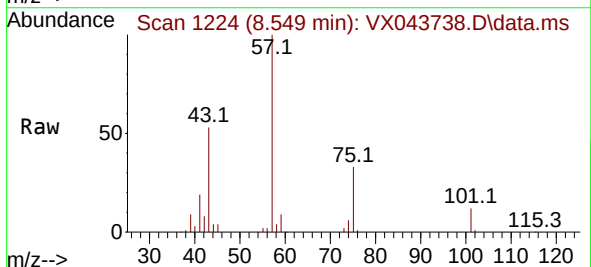
Instrument :
MSVOA_X
ClientSampleId :

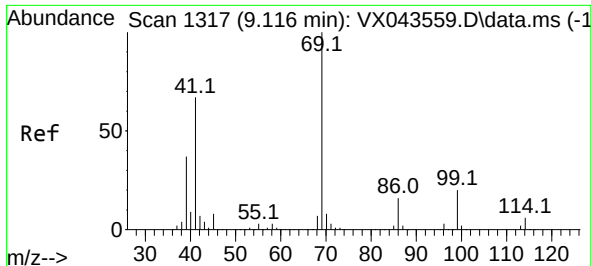
Tgt Ion: 43 Resp: 28928
Ion Ratio Lower Upper
43 100
58 8.2 31.7 47.5#



#54
cis-1,3-Dichloropropene
Concen: 12.353 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Tgt Ion: 75 Resp: 15953
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 26.8 37.7 56.5#

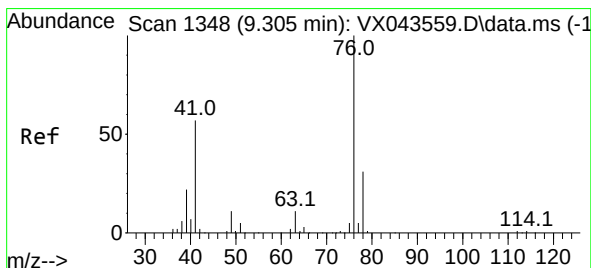
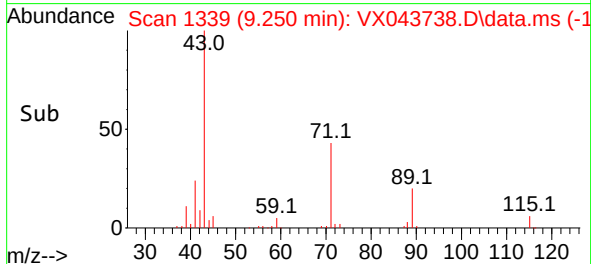
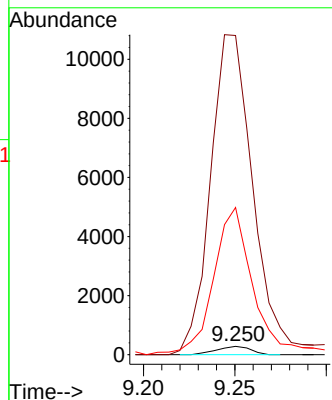
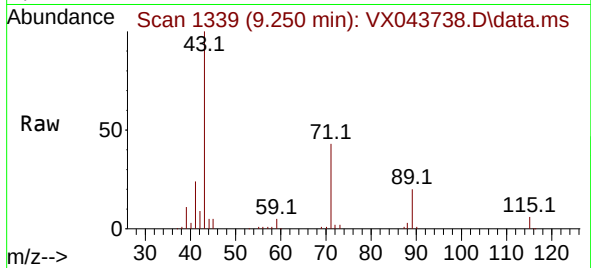




#56
Ethyl methacrylate
Concen: 0.260 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

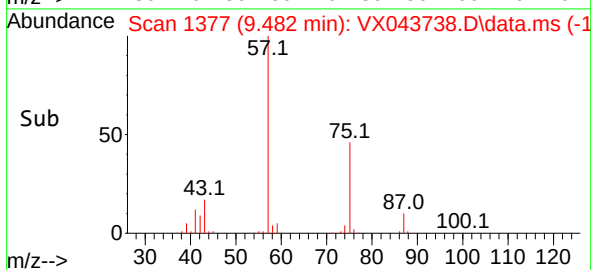
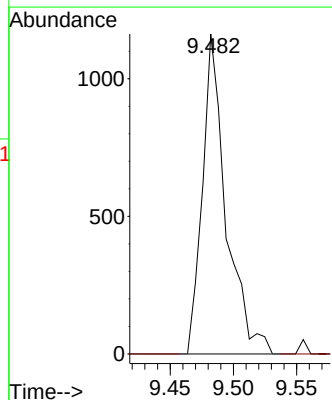
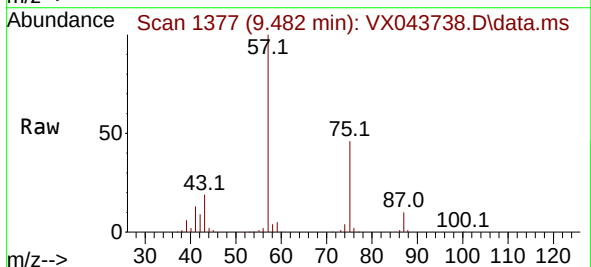
Instrument :
MSVOA_X
ClientSampleId :

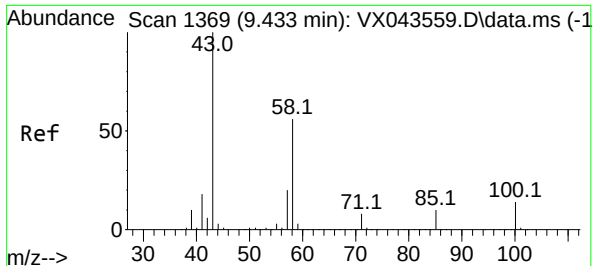
Tgt Ion: 69 Resp: 362
Ion Ratio Lower Upper
69 100
41 4862.7 53.8 80.8#
39 2077.9 29.9 44.9#



#57
1,3-Dichloropropane
Concen: 1.060 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Tgt Ion: 76 Resp: 1510
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#





#59

2-Hexanone

Concen: 20.608 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX043738.D

Acq: 07 Nov 2024 15:52

Instrument :

MSVOA_X

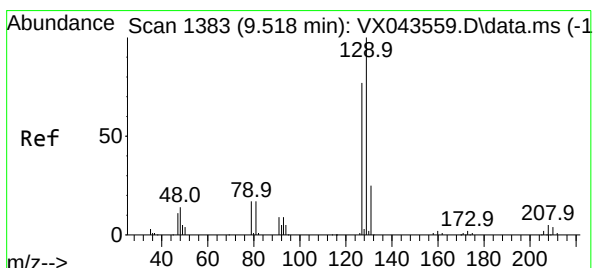
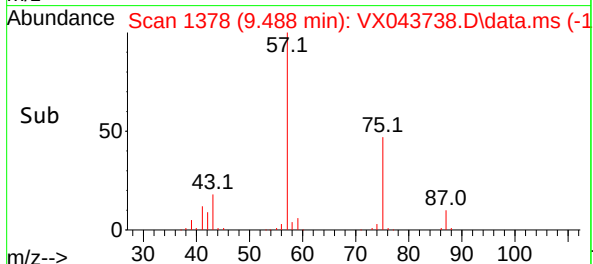
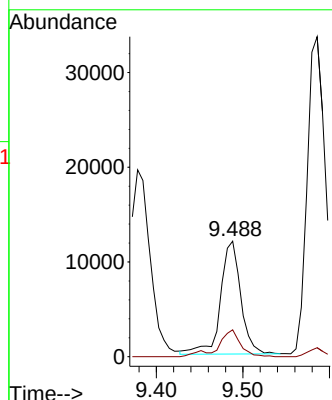
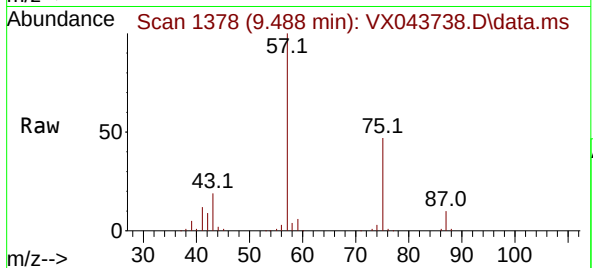
ClientSampleId :

Tgt Ion: 43 Resp: 19480

Ion Ratio Lower Upper

43 100

58 22.4 27.5 82.5#



#60

Dibromochloromethane

Concen: 0.266 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX043738.D

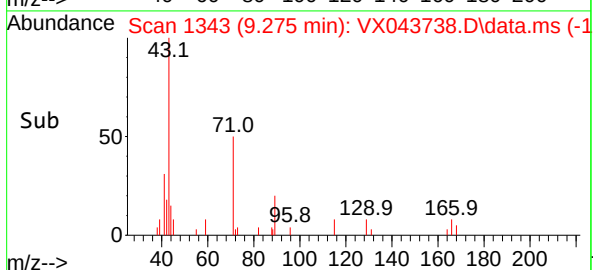
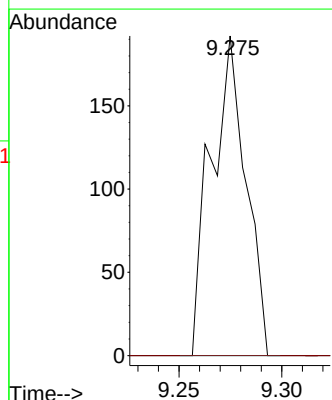
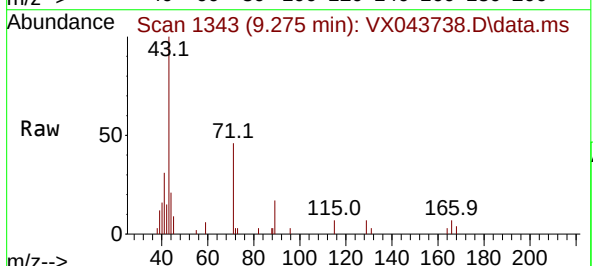
Acq: 07 Nov 2024 15:52

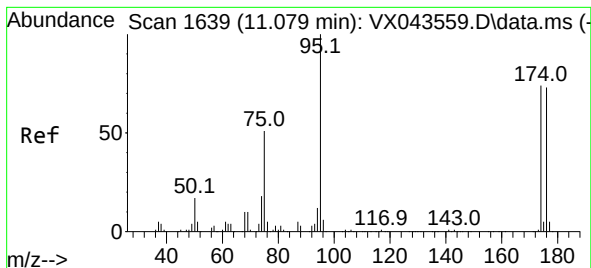
Tgt Ion:129 Resp: 226

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#

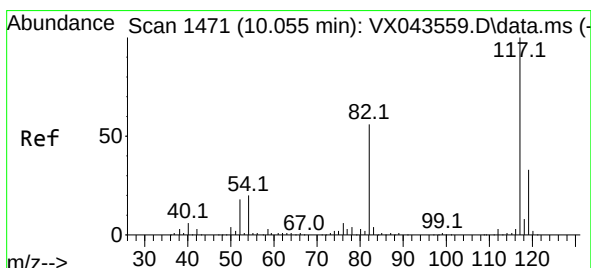
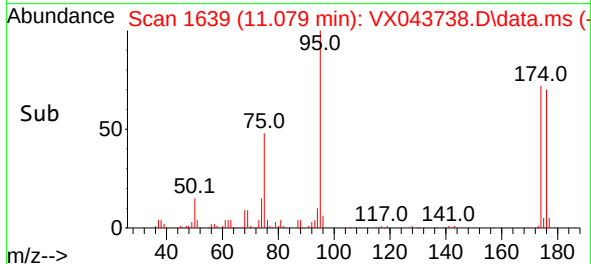
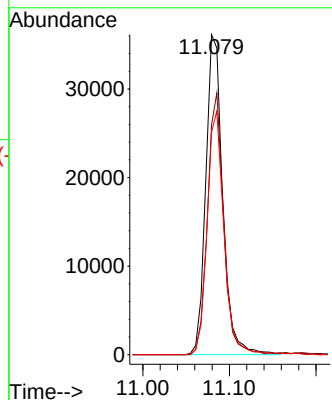
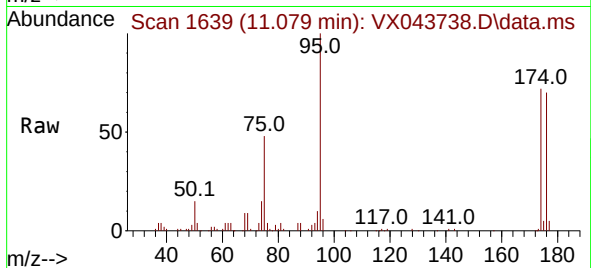




#62
4-Bromofluorobenzene
Concen: 44.423 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

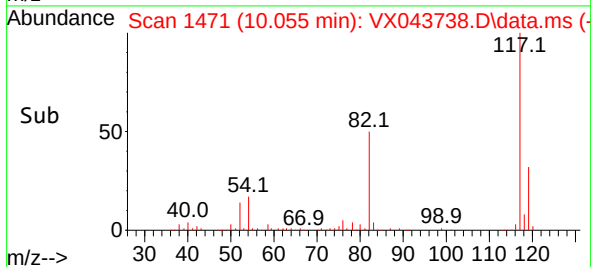
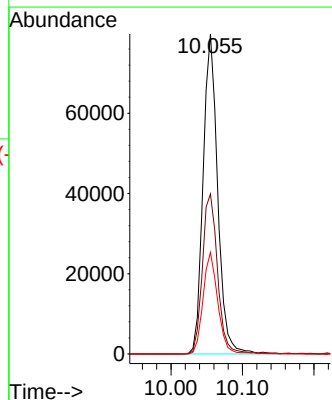
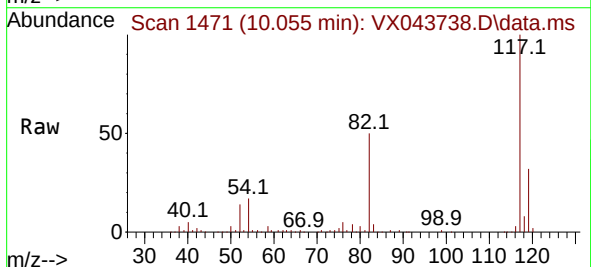
Instrument :
MSVOA_X
ClientSampleId :

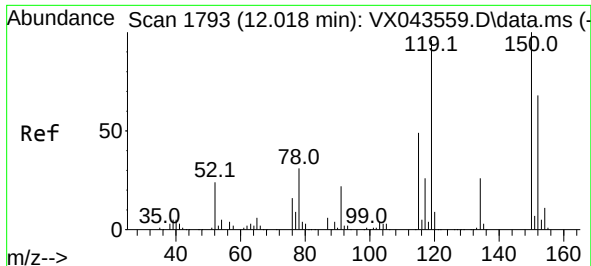
Tgt Ion: 95 Resp: 48874
Ion Ratio Lower Upper
95 100
174 79.2 0.0 146.6
176 75.8 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

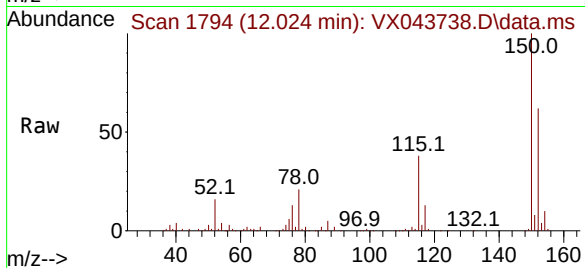
Tgt Ion: 117 Resp: 113069
Ion Ratio Lower Upper
117 100
82 50.0 42.1 63.1
119 31.8 25.4 38.2



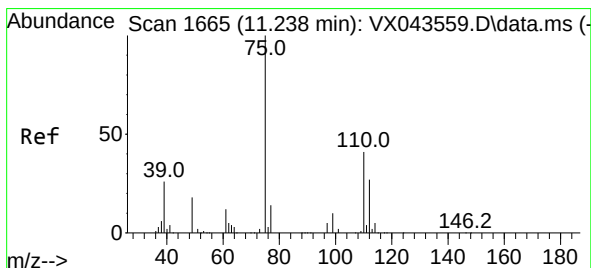
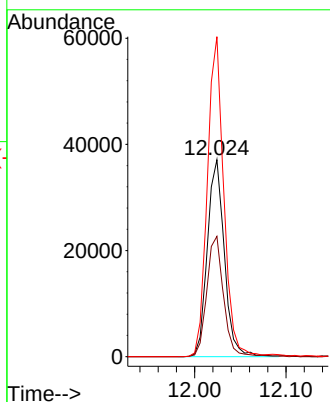
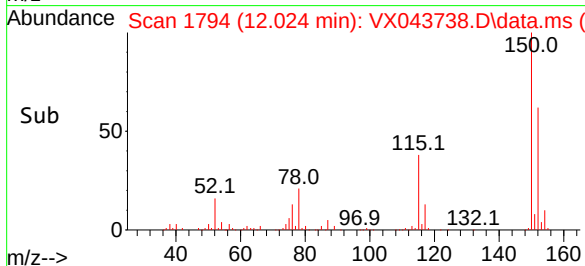


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :

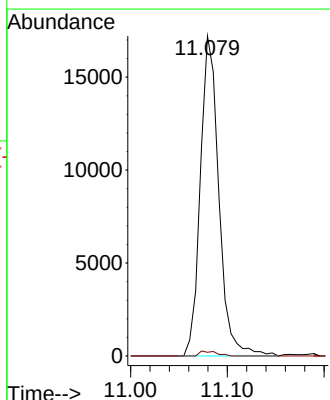
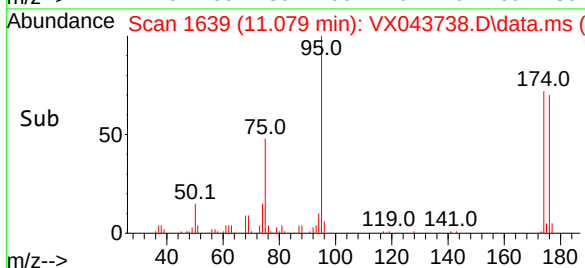
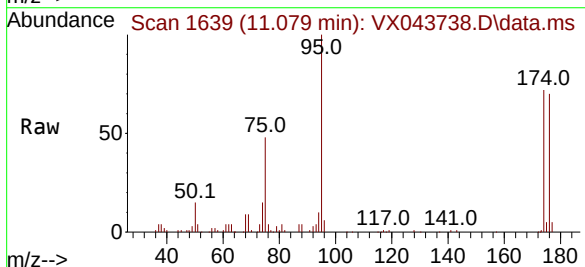


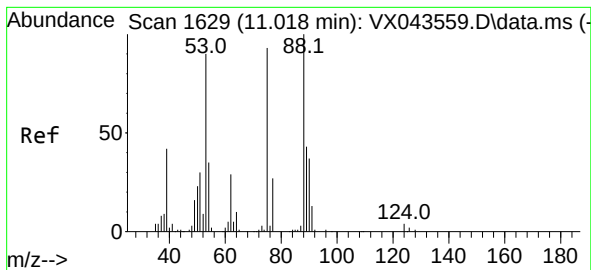
Tgt Ion:152 Resp: 48006
Ion Ratio Lower Upper
152 100
115 60.2 42.9 128.7
150 156.4 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 22.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

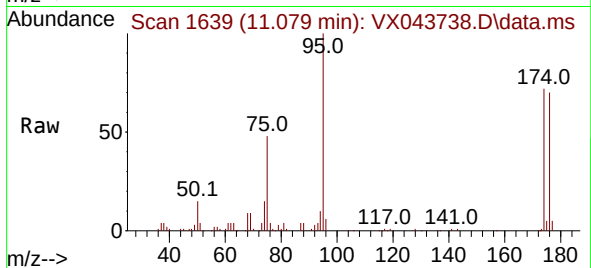
Tgt Ion: 75 Resp: 23023
Ion Ratio Lower Upper
75 100
77 1.4 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.706 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043738.D
Acq: 07 Nov 2024 15:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 23023
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

