

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044081.D
 Acq On : 03 Dec 2024 10:11
 Operator : JC/MD
 Sample : VX1203MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 23:38:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

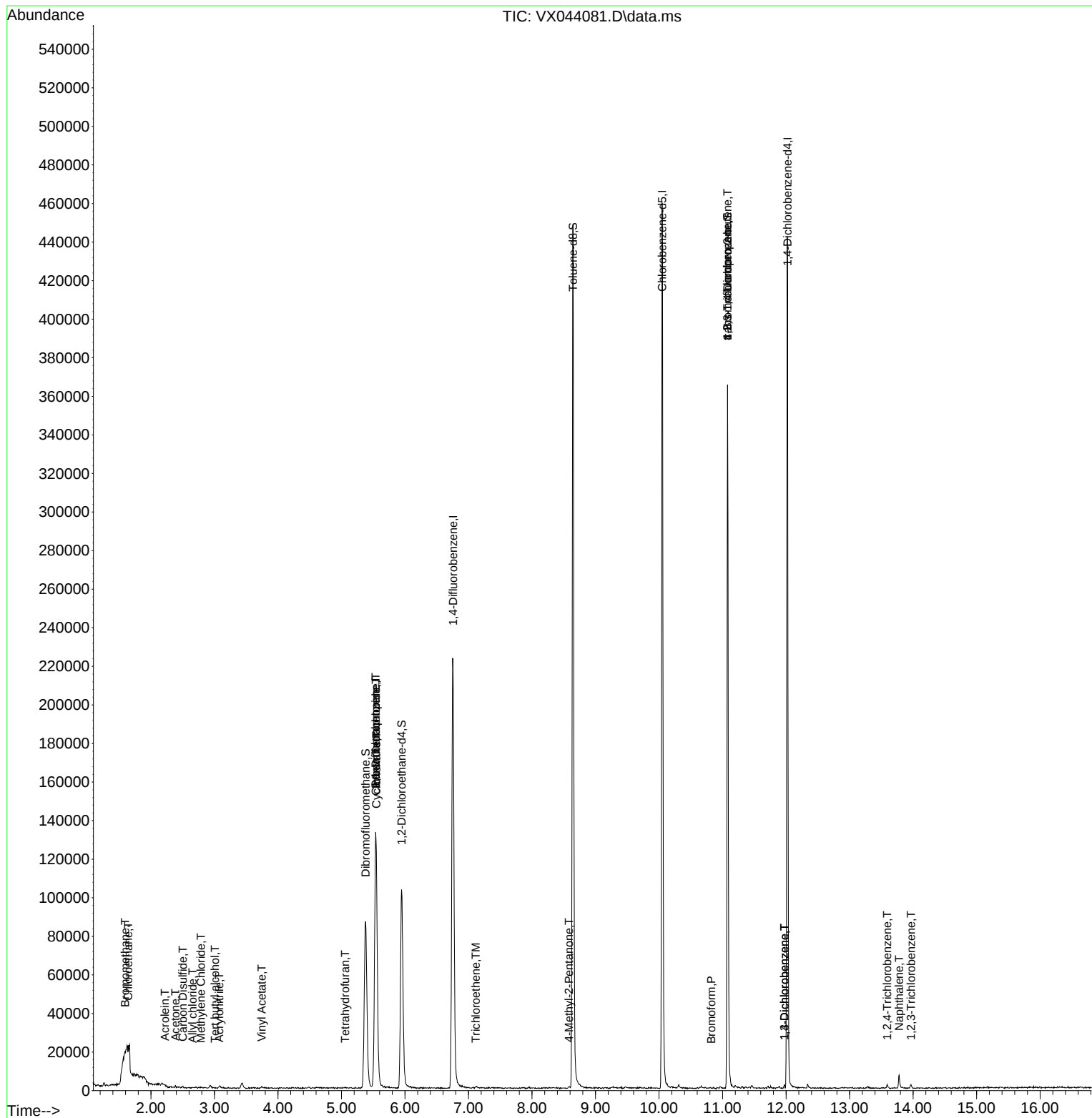
Internal Standards						
1) Pentafluorobenzene	5.537	168	117409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	197050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102184	50.743	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.480%		
35) Dibromofluoromethane	5.379	113	75771	47.373	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.740%		
50) Toluene-d8	8.646	98	273530	49.612	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.220%		
62) 4-Bromofluorobenzene	11.079	95	93391	49.772	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.540%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	750	0.732	ug/l #	74
6) Chloroethane	1.642	64	430	0.424	ug/l #	35
11) Tert butyl alcohol	3.007	59	69	0.213	ug/l #	73
13) Acrolein	2.221	56	220	0.646	ug/l #	76
14) Allyl chloride	2.654	41	466	0.211	ug/l #	21
15) Acrylonitrile	3.074	53	485	0.616	ug/l #	91
16) Acetone	2.385	43	848	0.917	ug/l #	64
17) Carbon Disulfide	2.501	76	839	0.301	ug/l #	75
20) Methylene Chloride	2.788	84	333	0.212	ug/l #	56
23) Vinyl Acetate	3.745	43	864	0.214	ug/l #	72
29) Tetrahydrofuran	5.056	42	226	0.309	ug/l #	32
31) Cyclohexane	5.549	56	3208	1.429	ug/l #	32
36) 1,1-Dichloropropene	5.537	75	11031	5.535	ug/l #	49
38) Carbon Tetrachloride	5.543	117	13619	6.081	ug/l #	17
44) Trichloroethene	7.116	130	378	0.215	ug/l	55
51) 4-Methyl-2-Pentanone	8.579	43	653	0.272	ug/l #	80
71) Bromoform	10.823	173	20	1.224	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	53170	28.363	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	53170	77.396	ug/l #	6
87) 1,3-Dichlorobenzene	11.975	146	606	0.212	ug/l	82
88) 1,4-Dichlorobenzene	11.975	146	606	0.208	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	549	0.323	ug/l	94
95) Naphthalene	13.780	128	5018	0.821	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	794	0.462	ug/l #	70

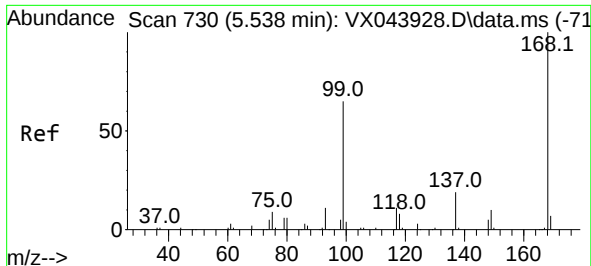
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044081.D
Acq On : 03 Dec 2024 10:11
Operator : JC/MD
Sample : VX1203MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 03 23:38:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.001 min

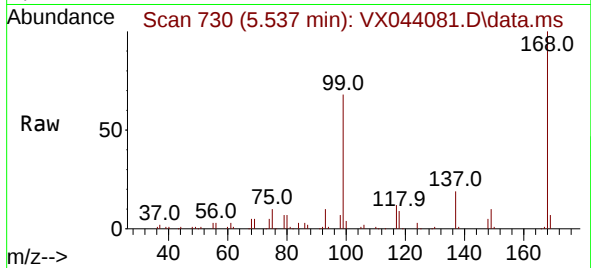
Lab File: VX044081.D

Acq: 03 Dec 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

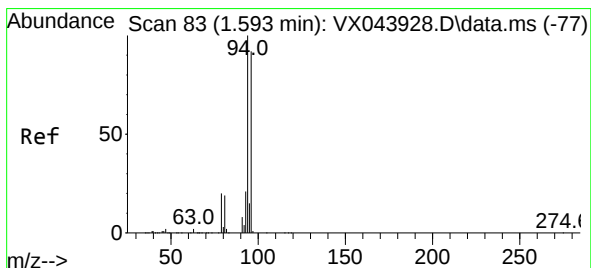
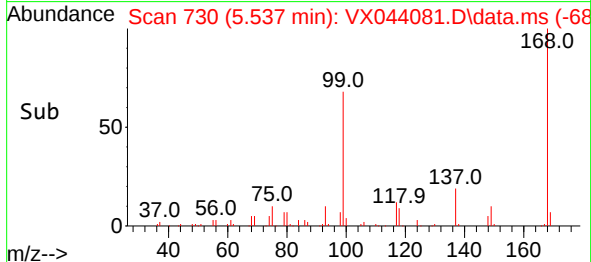
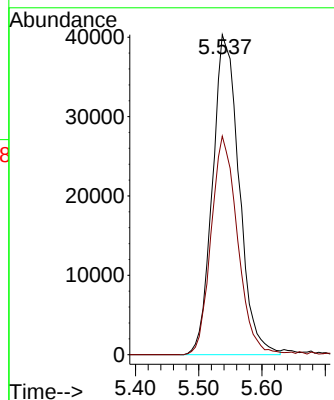


Tgt Ion:168 Resp: 117409

Ion Ratio Lower Upper

168 100

99 68.3 51.8 77.8



#5

Bromomethane

Concen: 0.732 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044081.D

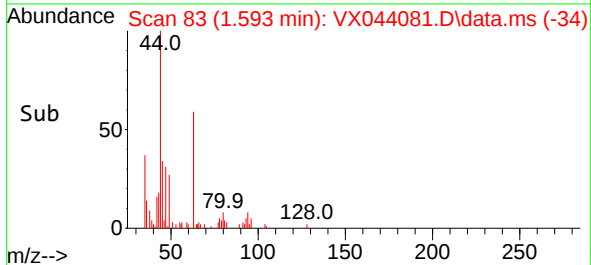
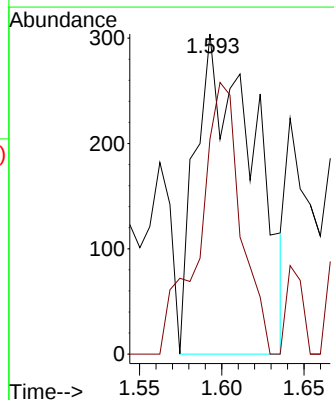
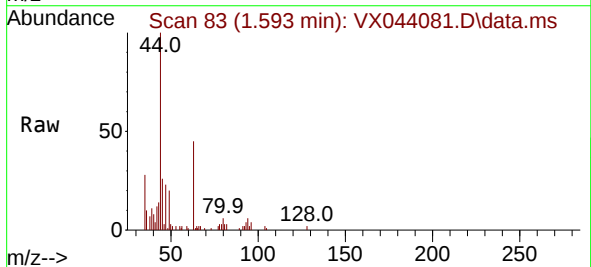
Acq: 03 Dec 2024 10:11

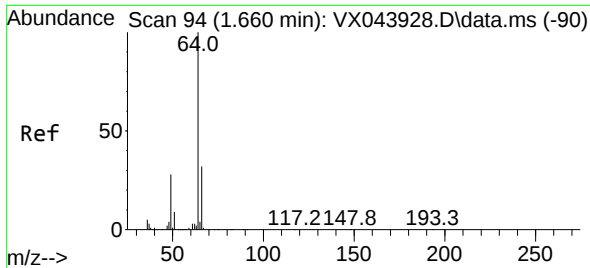
Tgt Ion: 94 Resp: 750

Ion Ratio Lower Upper

94 100

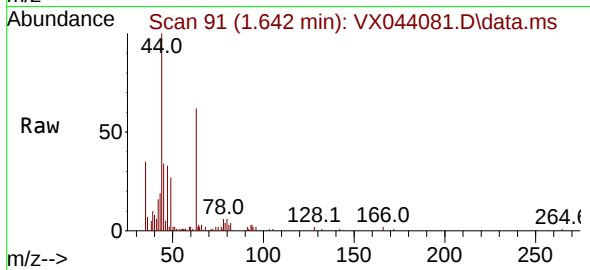
96 67.1 73.9 110.9#



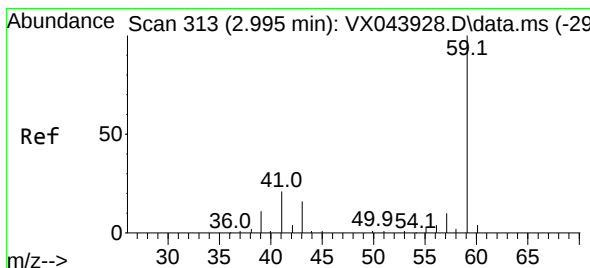
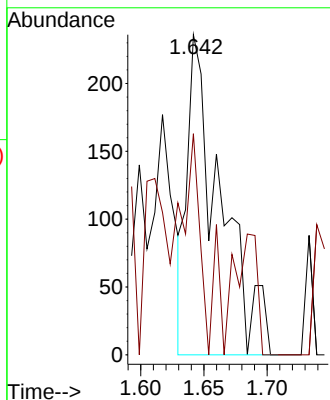
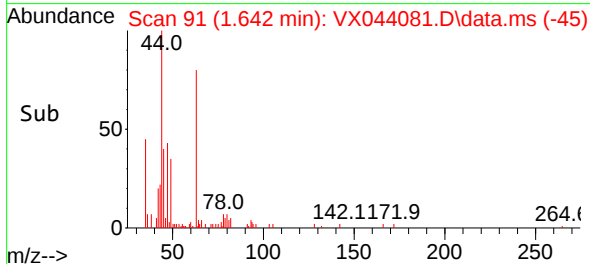


#6
Chloroethane
Concen: 0.424 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :

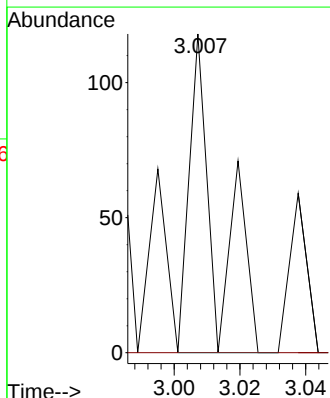
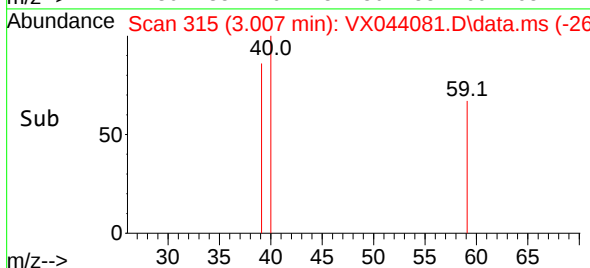
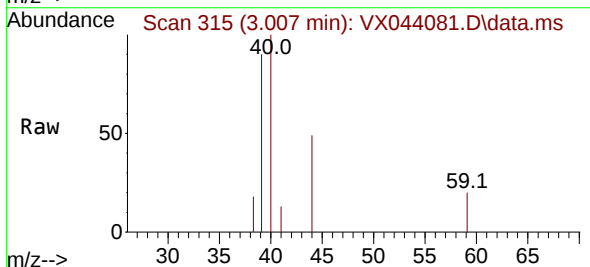


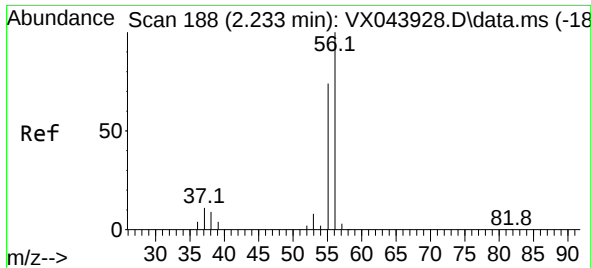
Tgt Ion: 64 Resp: 430
Ion Ratio Lower Upper
64 100
66 69.1 25.9 38.9#



#11
Tert butyl alcohol
Concen: 0.213 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.012 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

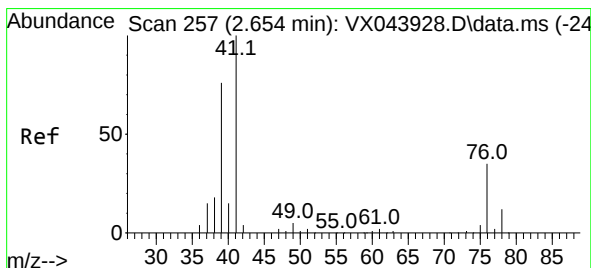
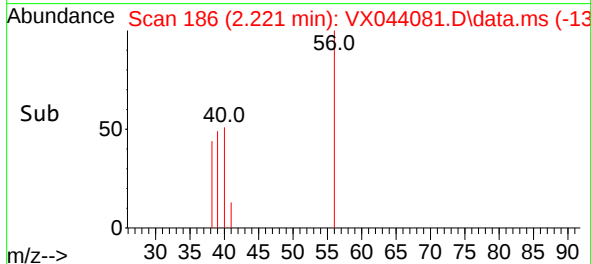
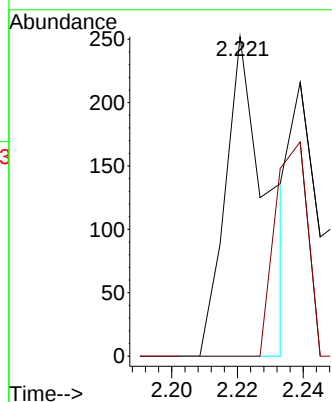
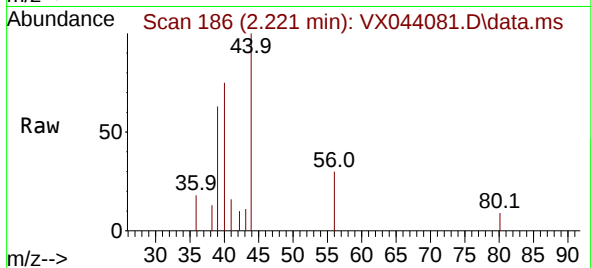




#13
Acrolein
Concen: 0.646 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.013 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

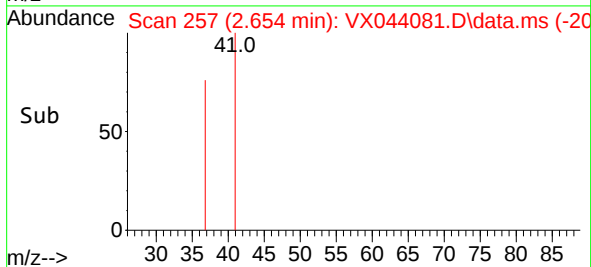
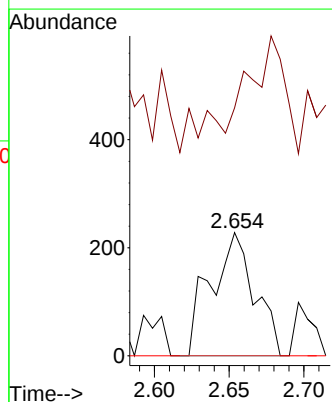
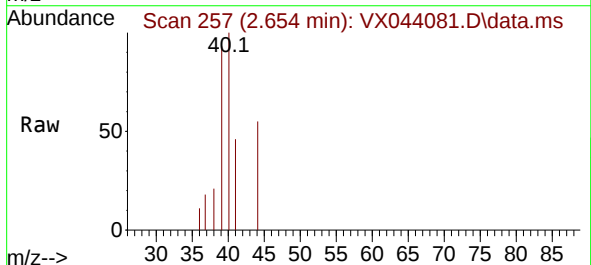
Instrument :
MSVOA_X
ClientSampleId :

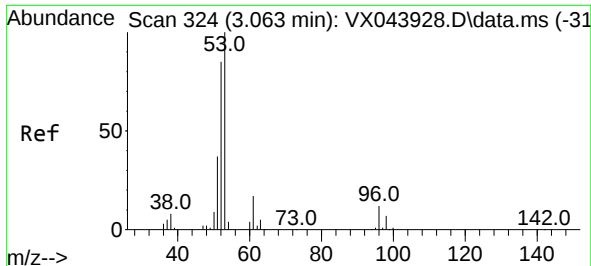
Tgt Ion: 56 Resp: 220
Ion Ratio Lower Upper
56 100
55 52.7 58.2 87.2#



#14
Allyl chloride
Concen: 0.211 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

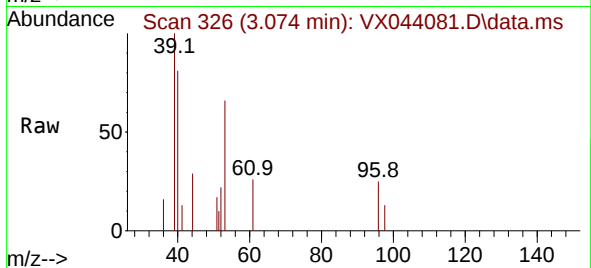
Tgt Ion: 41 Resp: 466
Ion Ratio Lower Upper
41 100
39 0.0 59.5 89.3#
76 0.0 27.4 41.2#



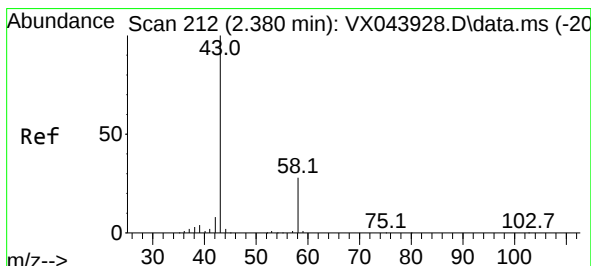
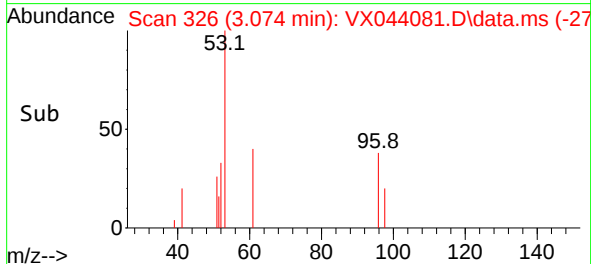
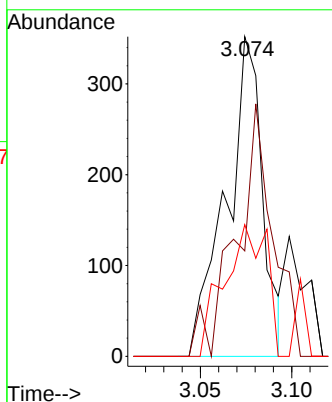


#15
Acrylonitrile
Concen: 0.616 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :

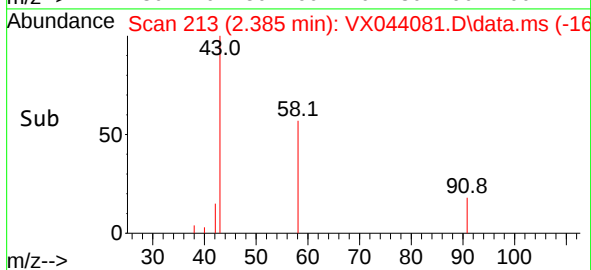
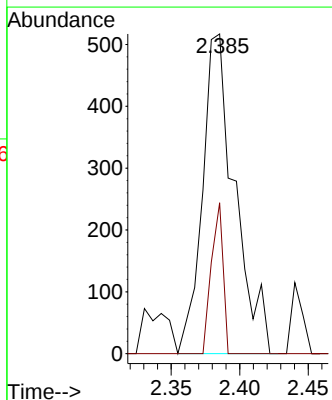
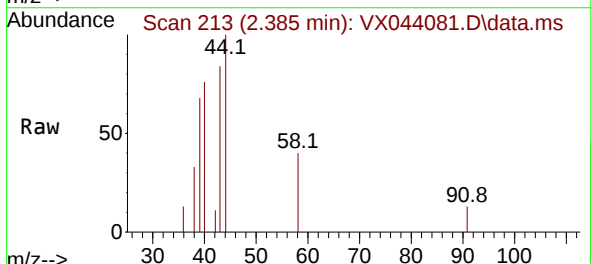


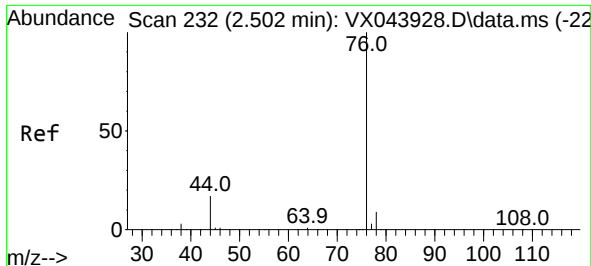
Tgt Ion: 53 Resp: 485
Ion Ratio Lower Upper
53 100
52 79.0 66.5 99.7
51 48.2 30.2 45.4#



#16
Acetone
Concen: 0.917 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

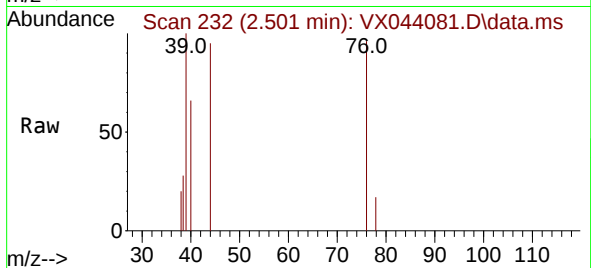
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 47.2 22.7 34.1#



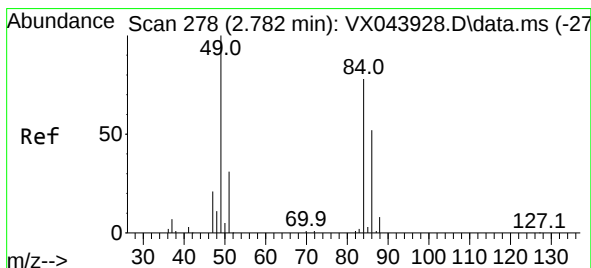
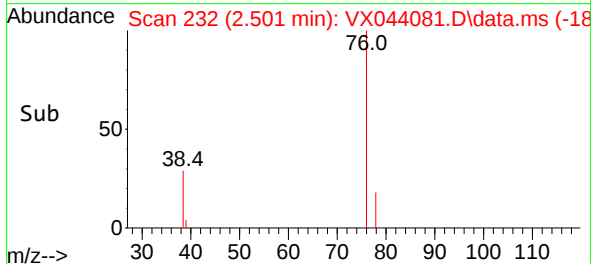
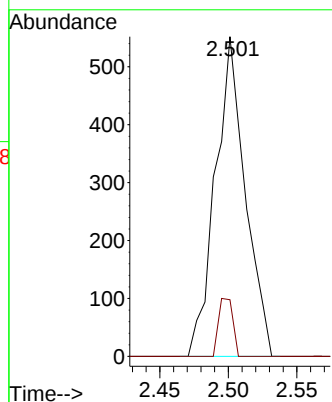


#17
Carbon Disulfide
Concen: 0.301 ug/l
RT: 2.501 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :

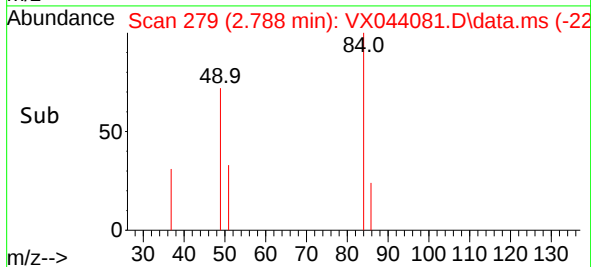
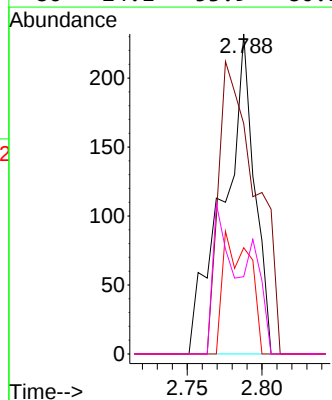
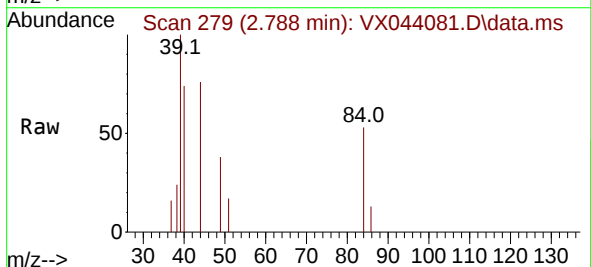


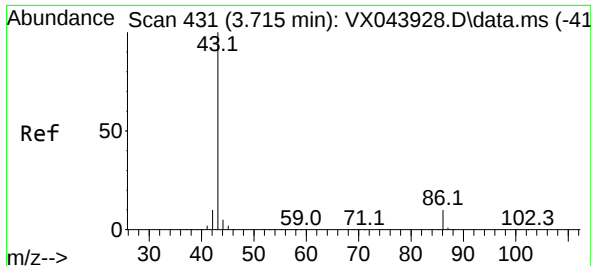
Tgt Ion: 76 Resp: 839
Ion Ratio Lower Upper
76 100
78 17.8 7.0 10.6#



#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Tgt Ion: 84 Resp: 333
Ion Ratio Lower Upper
84 100
49 72.0 102.7 154.1#
51 33.2 31.7 47.5
86 24.1 53.9 80.9#

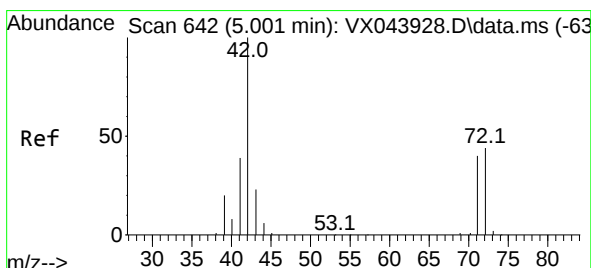
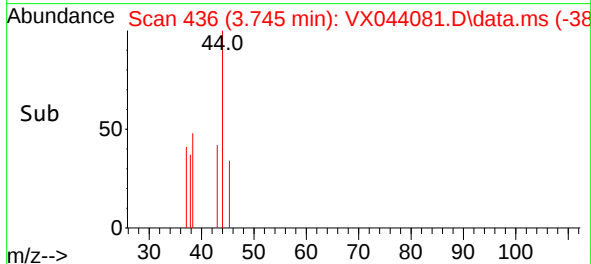
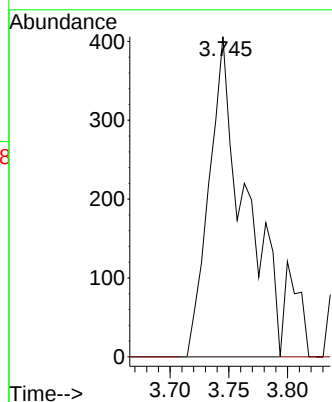
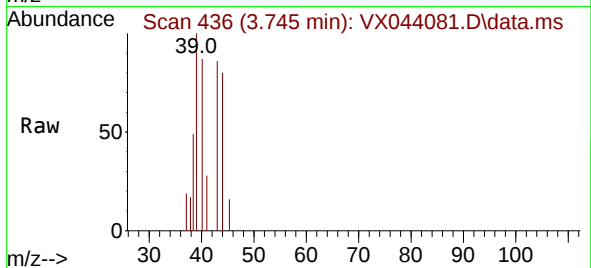




#23
 Vinyl Acetate
 Concen: 0.214 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX044081.D
 Acq: 03 Dec 2024 10:11

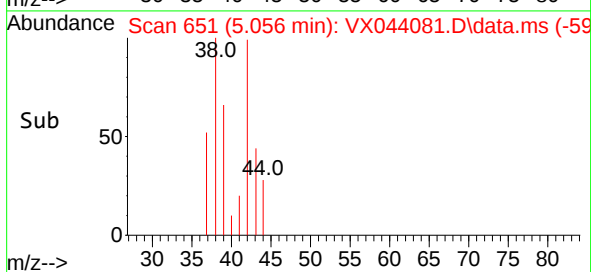
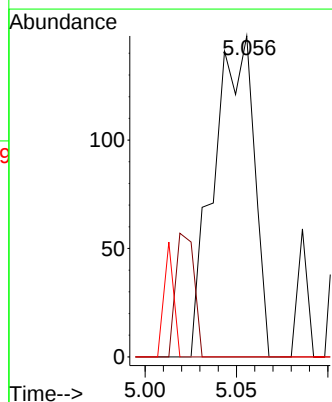
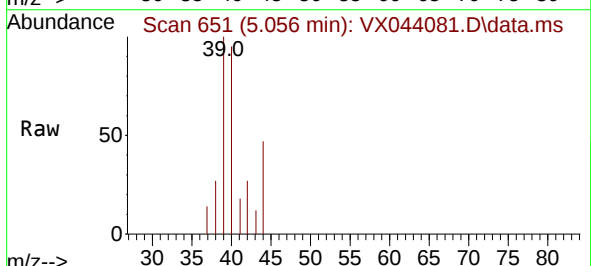
Instrument :
 MSVOA_X
 ClientSampleId :

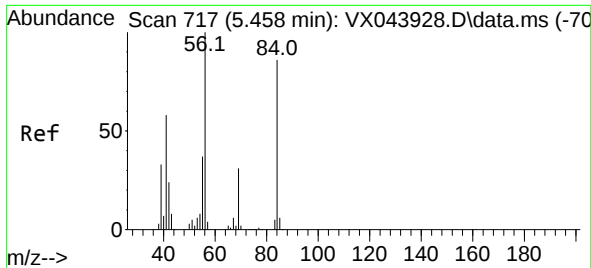
Tgt Ion: 43 Resp: 864
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.3 12.5#



#29
 Tetrahydrofuran
 Concen: 0.309 ug/l
 RT: 5.056 min Scan# 651
 Delta R.T. 0.054 min
 Lab File: VX044081.D
 Acq: 03 Dec 2024 10:11

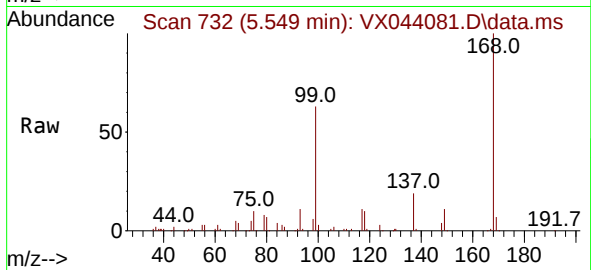
Tgt Ion: 42 Resp: 226
 Ion Ratio Lower Upper
 42 100
 72 0.0 36.4 54.6#
 71 0.0 33.4 50.0#



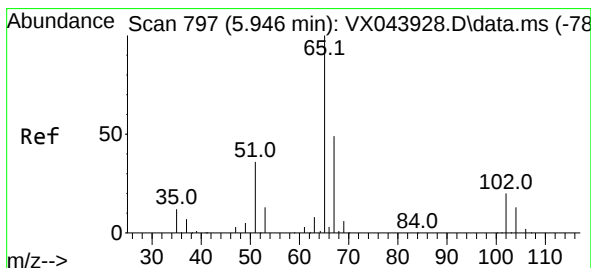
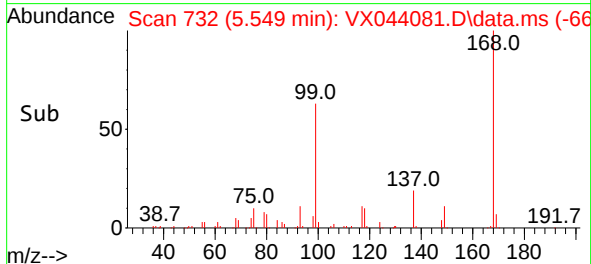
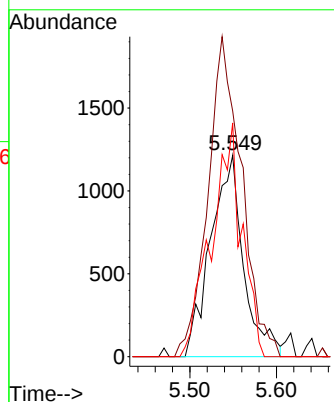


#31
Cyclohexane
Concen: 1.429 ug/l
RT: 5.549 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :

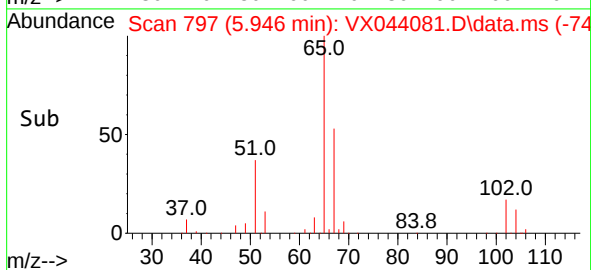
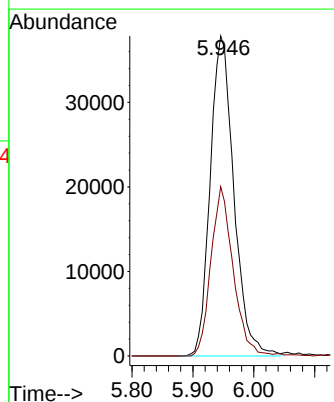
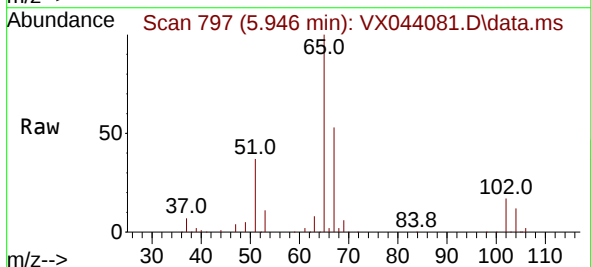


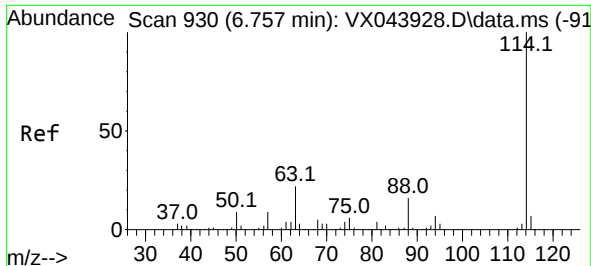
Tgt Ion: 56 Resp: 3208
Ion Ratio Lower Upper
56 100
69 122.1 24.7 37.1#
84 116.1 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 50.743 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

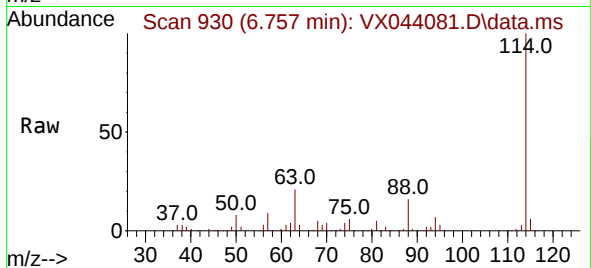
Tgt Ion: 65 Resp: 102184
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8



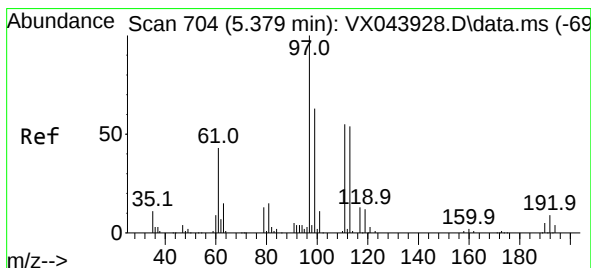
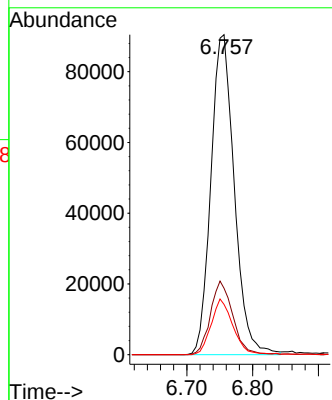


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :

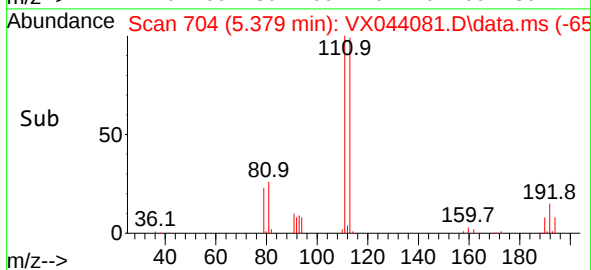
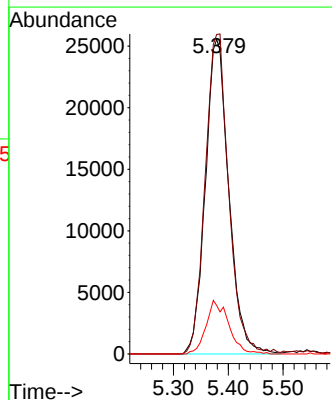
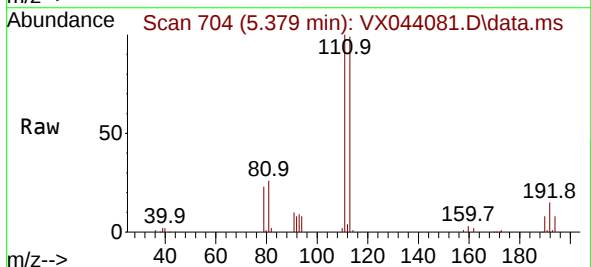


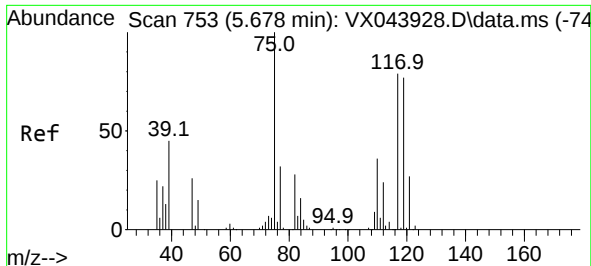
Tgt Ion:114 Resp: 223839
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.0
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.373 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

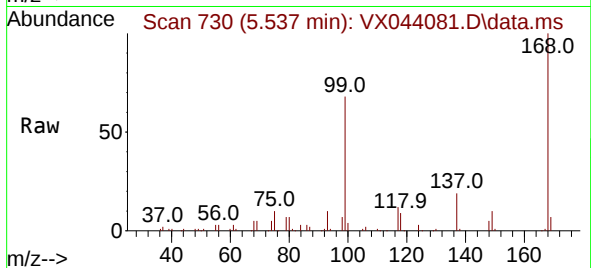
Tgt Ion:113 Resp: 75771
Ion Ratio Lower Upper
113 100
111 102.1 81.0 121.4
192 16.5 13.0 19.6



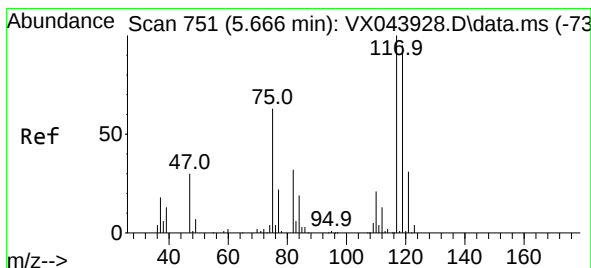
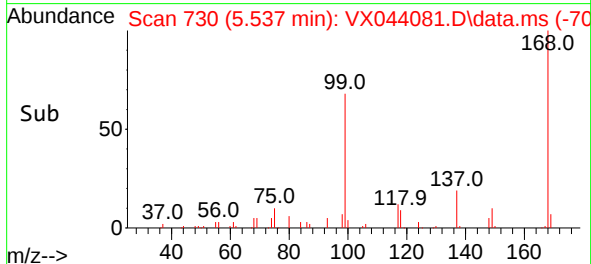
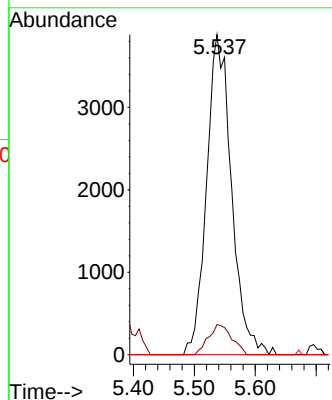


#36
1,1-Dichloropropene
Concen: 5.535 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :

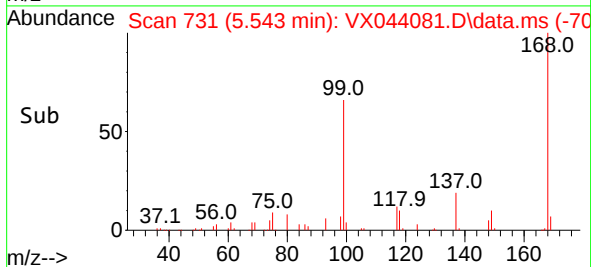
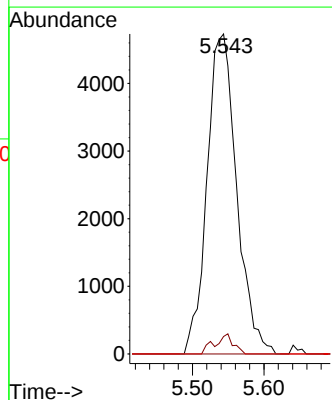
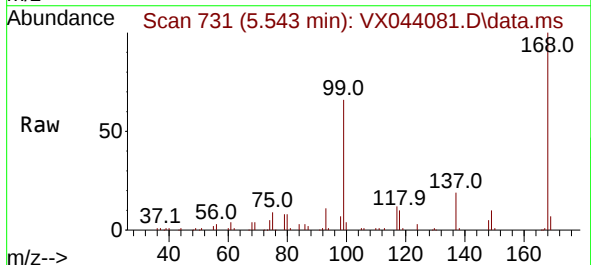


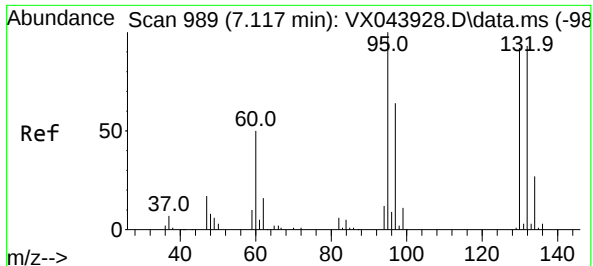
Tgt Ion: 75 Resp: 11031
Ion Ratio Lower Upper
75 100
110 8.8 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Tgt Ion: 117 Resp: 13619
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 24.5 36.7#

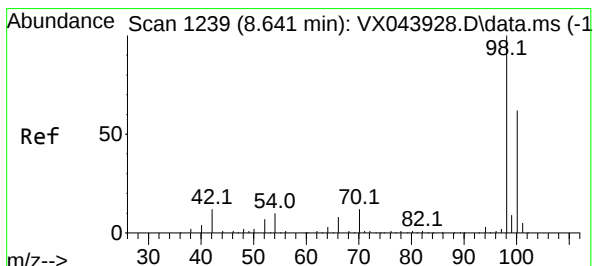
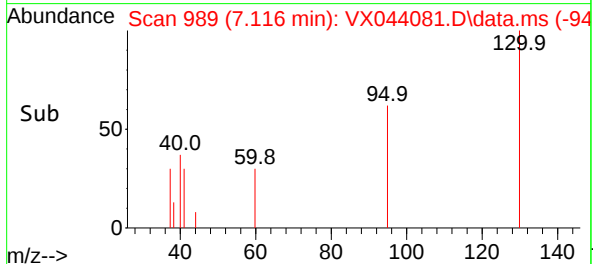
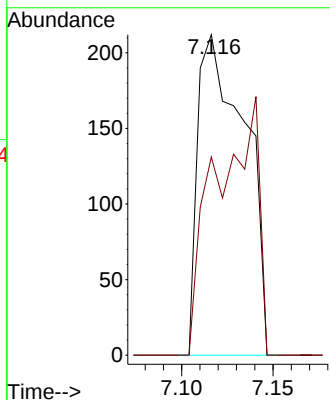
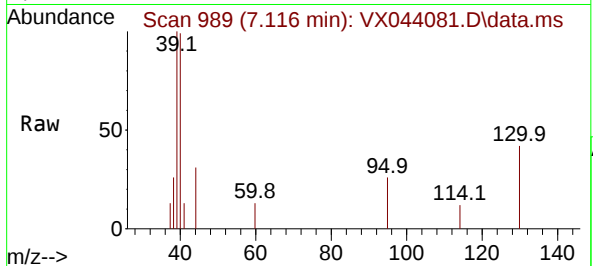




#44
Trichloroethene
Concen: 0.215 ug/l
RT: 7.116 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

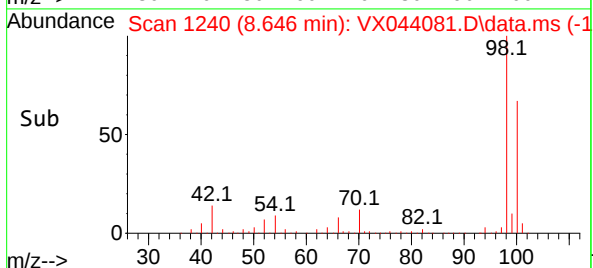
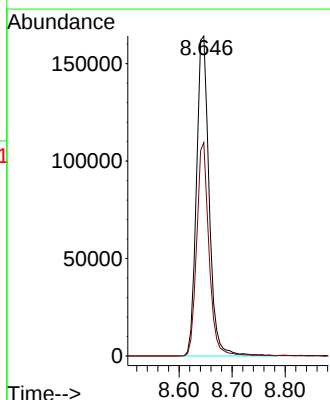
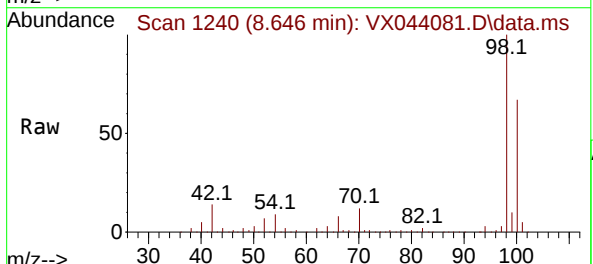
Instrument :
MSVOA_X
ClientSampleId :

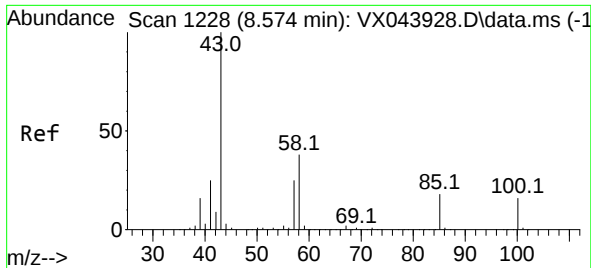
Tgt Ion:130 Resp: 378
Ion Ratio Lower Upper
130 100
95 61.8 0.0 217.8



#50
Toluene-d8
Concen: 49.612 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Tgt Ion: 98 Resp: 273530
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0

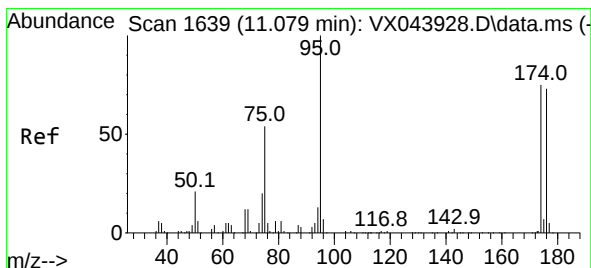
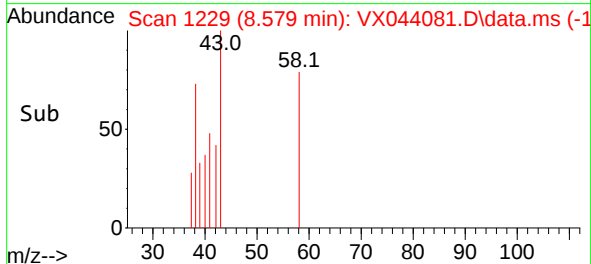
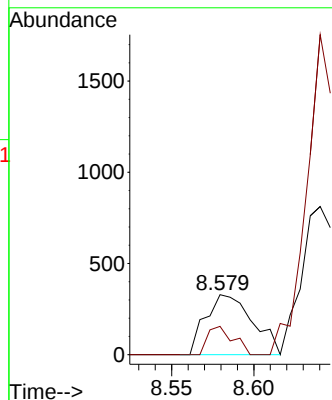
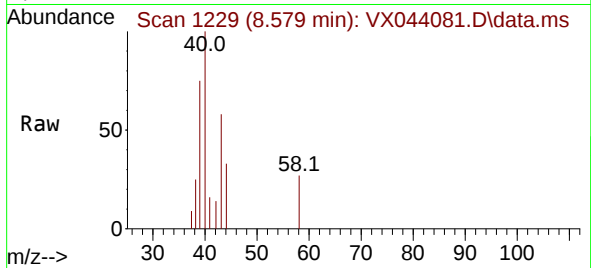




#51
4-Methyl-2-Pentanone
Concen: 0.272 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

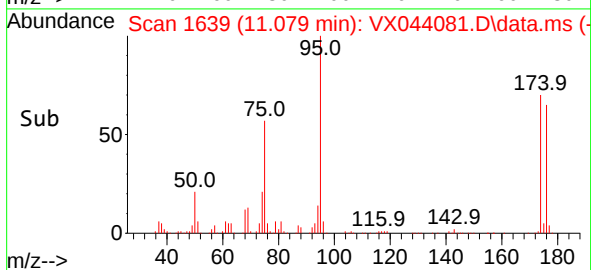
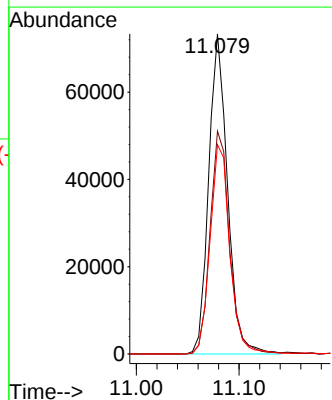
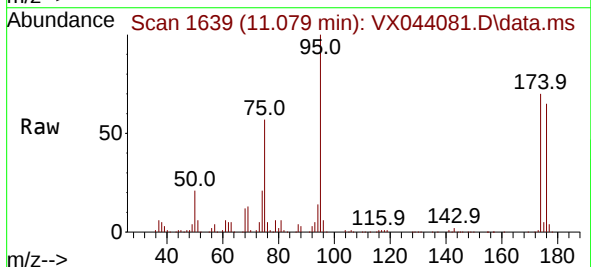
Instrument :
MSVOA_X
ClientSampleId :

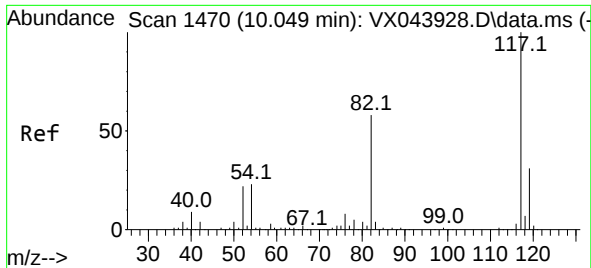
Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
58 25.6 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 49.772 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Tgt Ion: 95 Resp: 93391
Ion Ratio Lower Upper
95 100
174 72.5 0.0 150.4
176 68.5 0.0 146.0

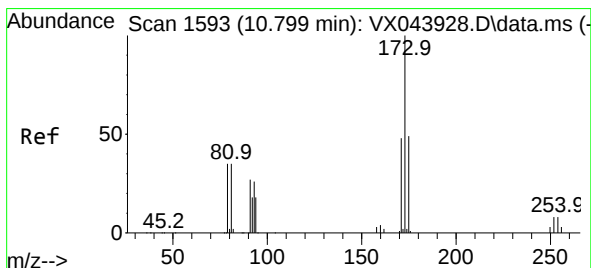
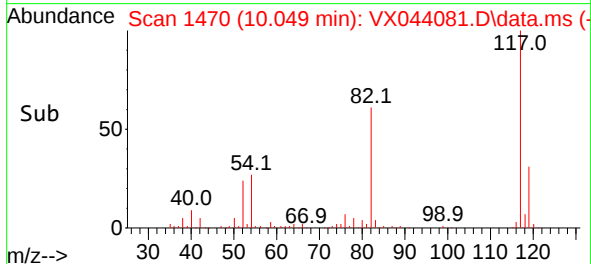
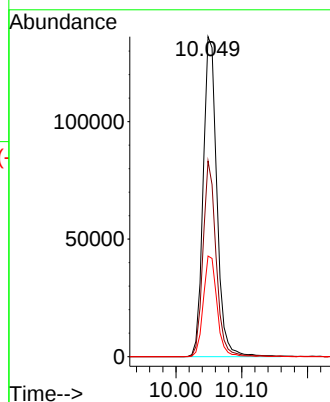
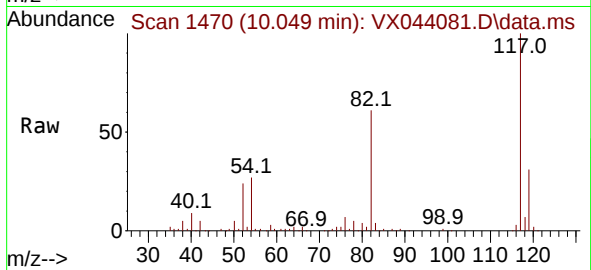




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

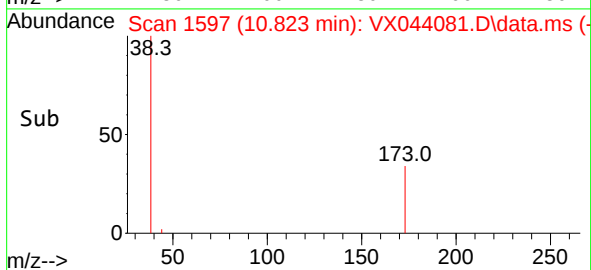
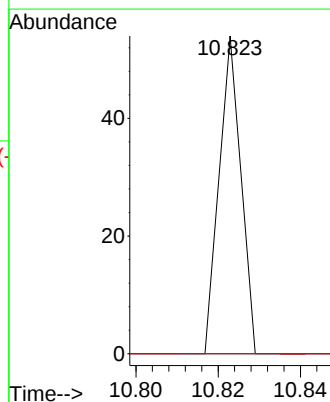
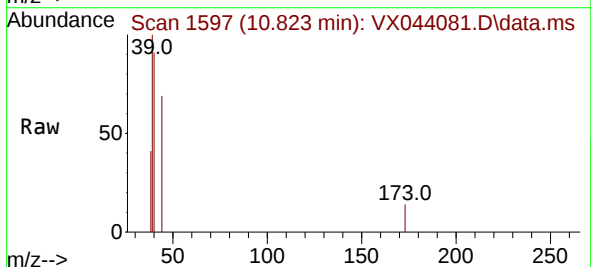
Instrument :
MSVOA_X
ClientSampleId :

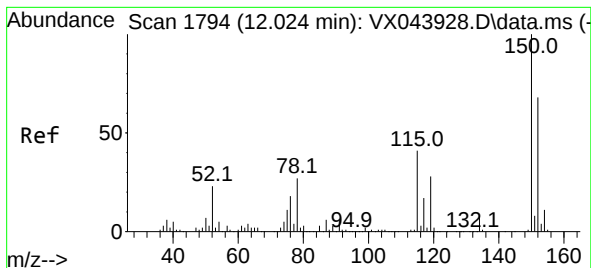
Tgt Ion:117 Resp: 197050
Ion Ratio Lower Upper
117 100
82 61.1 46.4 69.6
119 31.4 24.6 37.0



#71
Bromoform
Concen: 1.224 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.024 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Tgt Ion:173 Resp: 20
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044081.D

Acq: 03 Dec 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

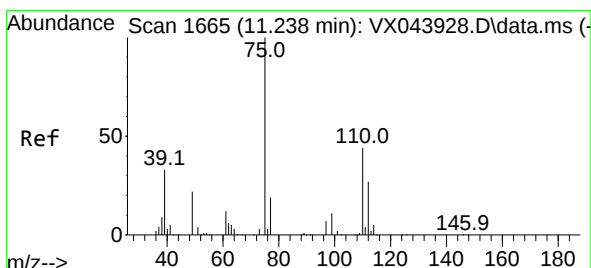
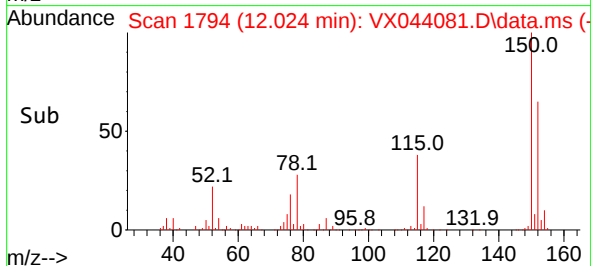
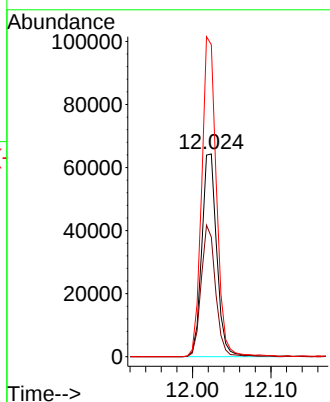
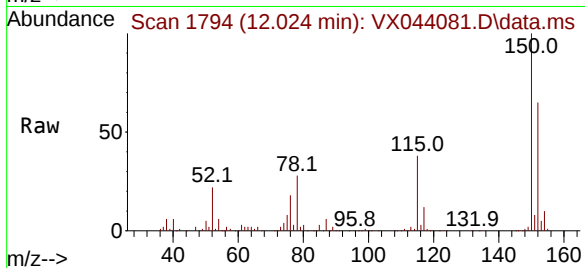
Tgt Ion:152 Resp: 85483

Ion Ratio Lower Upper

152 100

115 62.6 45.4 136.2

150 155.4 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 28.363 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044081.D

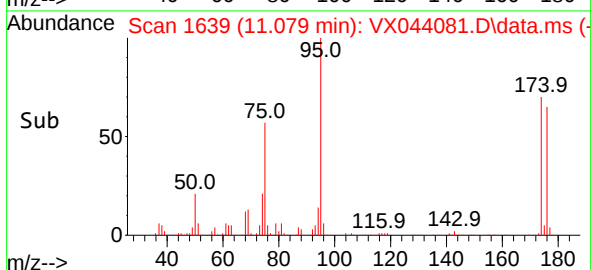
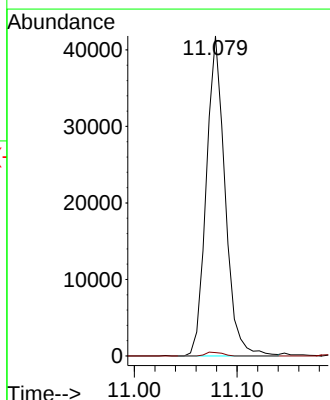
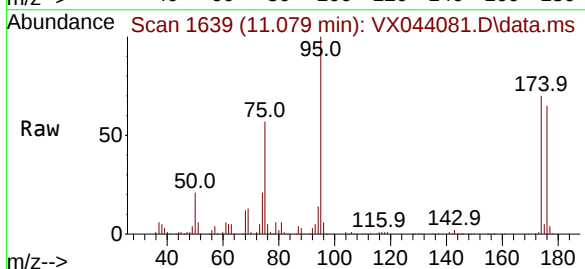
Acq: 03 Dec 2024 10:11

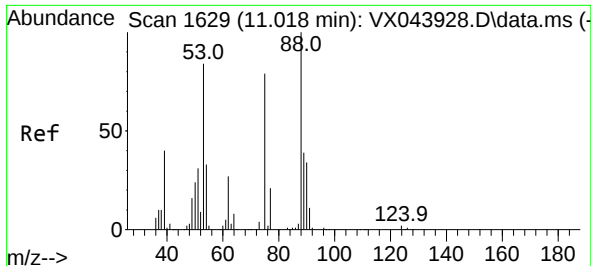
Tgt Ion: 75 Resp: 53170

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#

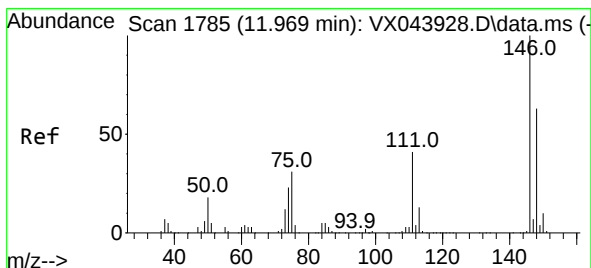
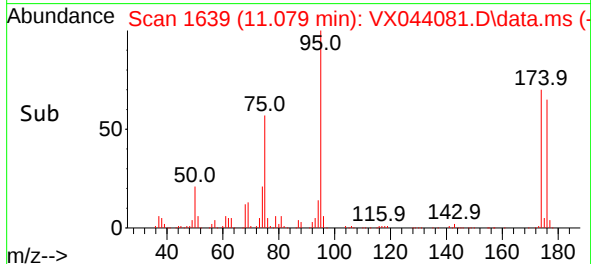
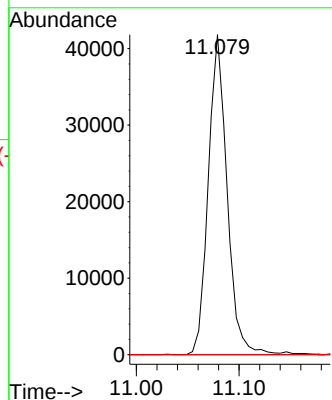
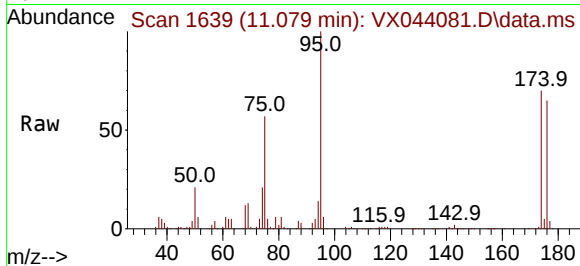




#81
trans-1,4-Dichloro-2-butene
Concen: 77.396 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.060 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

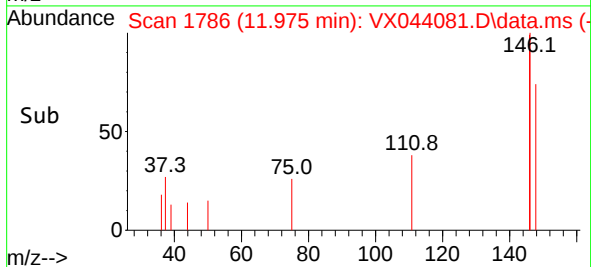
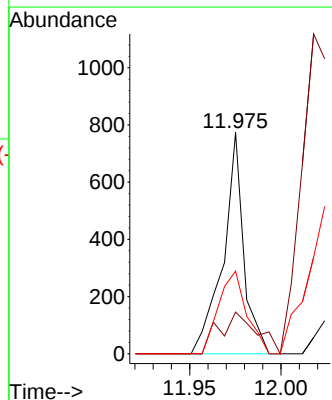
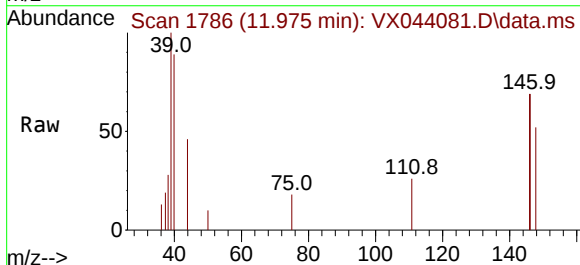
Instrument :
MSVOA_X
ClientSampleId :

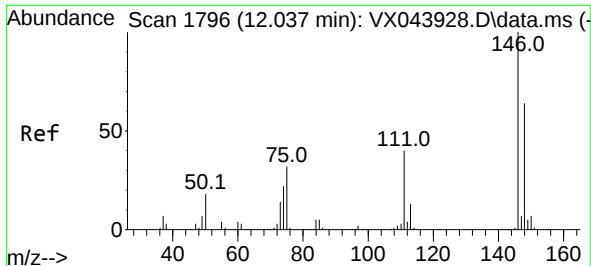
Tgt Ion: 75 Resp: 53170
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#



#87
1,3-Dichlorobenzene
Concen: 0.212 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Tgt Ion:146 Resp: 606
Ion Ratio Lower Upper
146 100
111 29.7 21.1 63.3
148 50.8 31.7 95.1

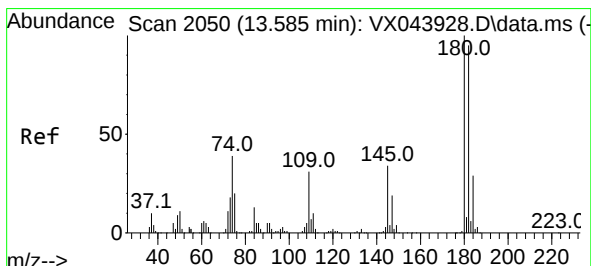
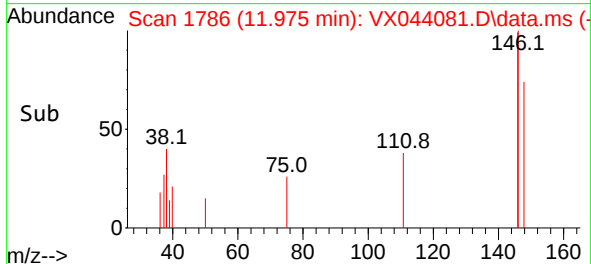
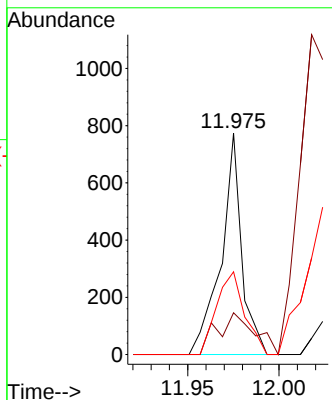
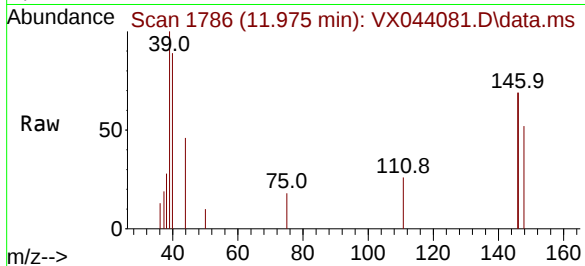




#88
1,4-Dichlorobenzene
Concen: 0.208 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

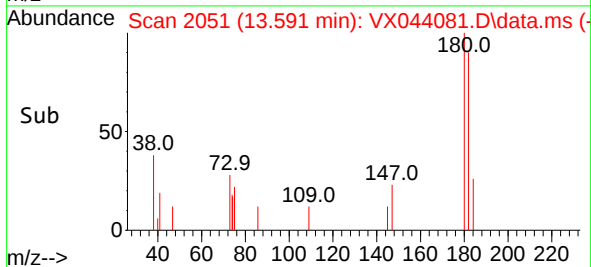
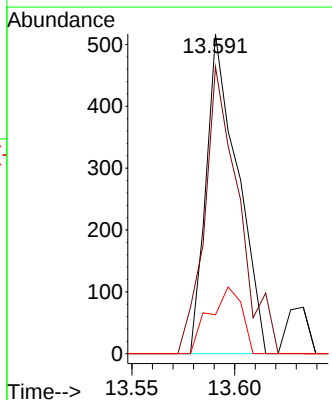
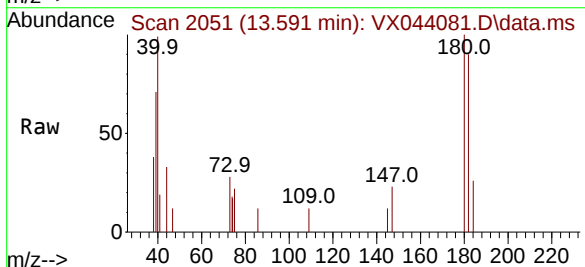
Instrument :
MSVOA_X
ClientSampleId :

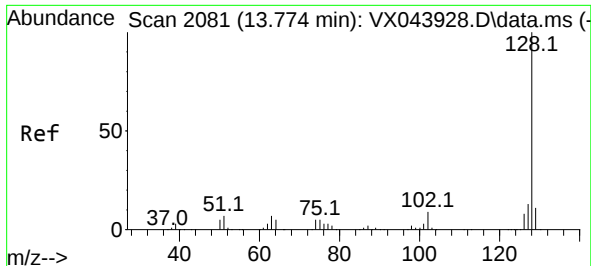
Tgt Ion:146 Resp: 606
Ion Ratio Lower Upper
146 100
111 29.7 20.1 60.3
148 50.8 30.9 92.8



#93
1,2,4-Trichlorobenzene
Concen: 0.323 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

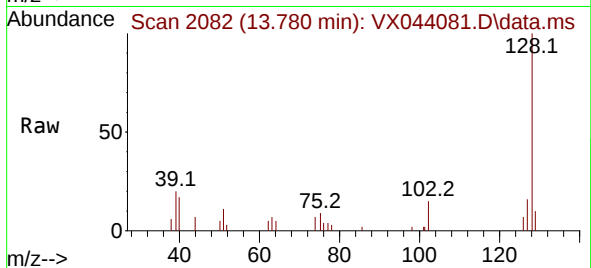
Tgt Ion:180 Resp: 549
Ion Ratio Lower Upper
180 100
182 96.9 48.0 144.2
145 21.3 16.8 50.4



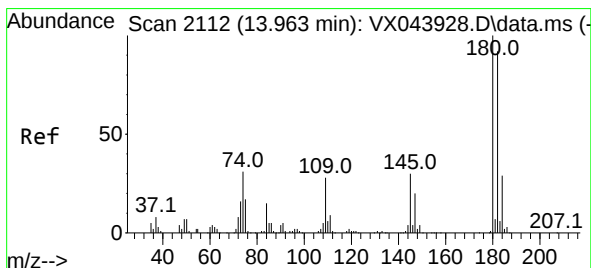
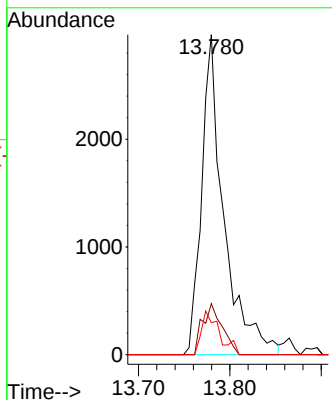


#95
Naphthalene
Concen: 0.821 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 5018
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.462 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX044081.D
Acq: 03 Dec 2024 10:11

Tgt Ion:180 Resp: 794
Ion Ratio Lower Upper
180 100
182 67.3 45.6 136.8
145 8.4 16.4 49.4#

