

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045842.D
 Acq On : 18 Apr 2025 09:04
 Operator : JC/MD
 Sample : VX0418MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418MBL01

Quant Time: Apr 18 23:32:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

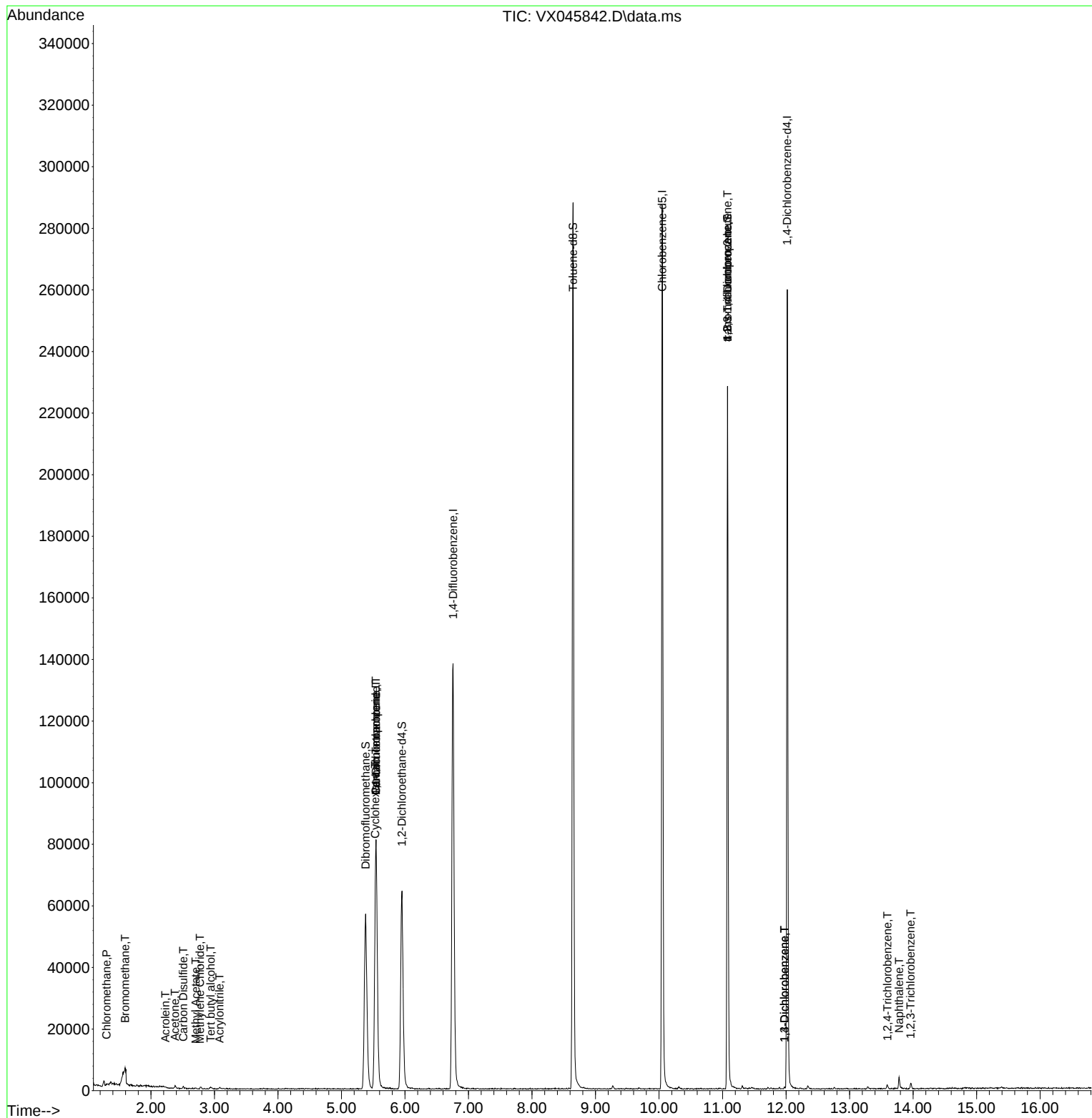
Internal Standards						
1) Pentafluorobenzene	5.543	168	68367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133522	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65574	52.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.900%
35) Dibromofluoromethane	5.379	113	47555	50.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	8.646	98	165919	50.178	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.360%
62) 4-Bromofluorobenzene	11.079	95	59288	49.225	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	707	0.673	ug/l #	58
5) Bromomethane	1.593	94	136	0.298	ug/l #	54
11) Tert butyl alcohol	2.940	59	240	1.428	ug/l #	72
13) Acrolein	2.227	56	116	0.501	ug/l #	15
15) Acrylonitrile	3.080	53	222	0.419	ug/l #	80
16) Acetone	2.379	43	992	1.932	ug/l	96
17) Carbon Disulfide	2.507	76	830	0.409	ug/l #	94
18) Methyl Acetate	2.702	43	318	0.269	ug/l #	54
20) Methylene Chloride	2.769	84	368	0.383	ug/l #	27
31) Cyclohexane	5.531	56	2162	1.410	ug/l #	41
36) 1,1-Dichloropropene	5.543	75	6795	5.312	ug/l #	48
38) Carbon Tetrachloride	5.543	117	8102	5.861	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	34926	29.972	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34926	101.721	ug/l #	1
87) 1,3-Dichlorobenzene	11.975	146	349	0.217	ug/l #	77
88) 1,4-Dichlorobenzene	11.975	146	349	0.214	ug/l	79
93) 1,2,4-Trichlorobenzene	13.597	180	457	0.513	ug/l	95
95) Naphthalene	13.780	128	2909	0.878	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	668	0.716	ug/l	79

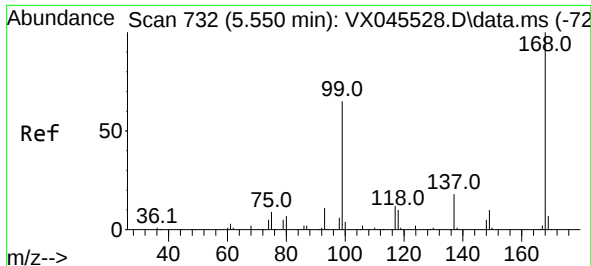
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Apr 18 23:32:20 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

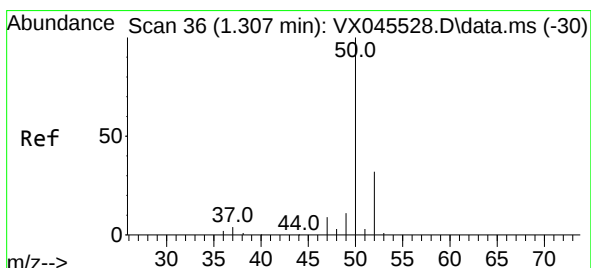
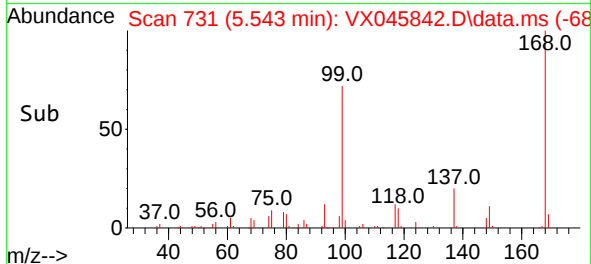
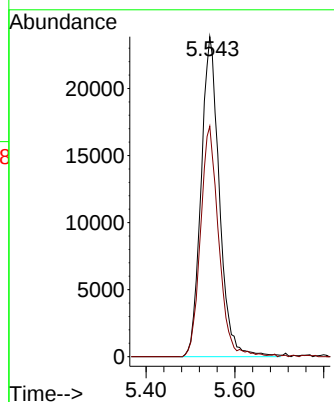
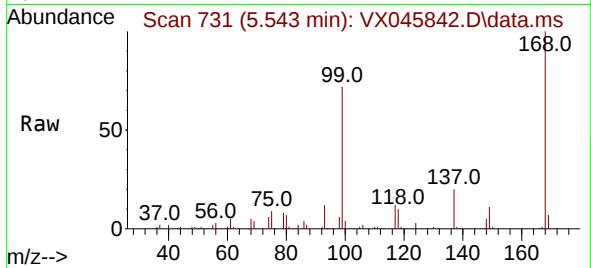




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

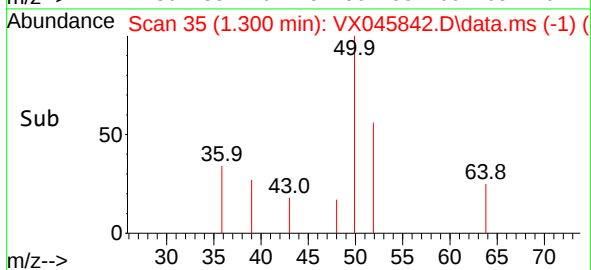
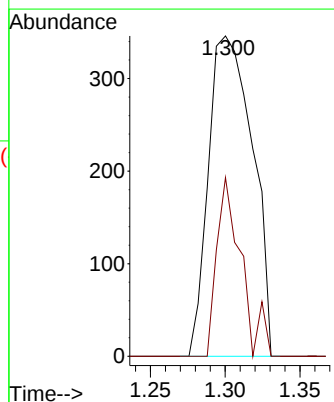
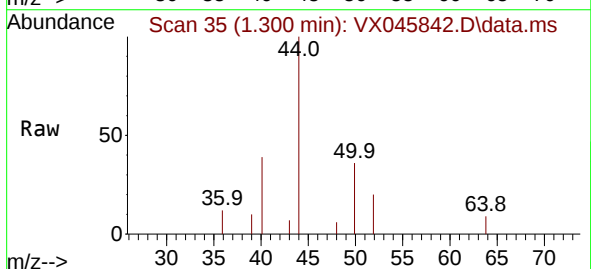
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

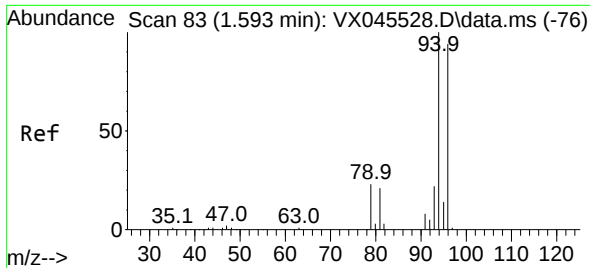
Tgt Ion:168 Resp: 68367
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5



#3
Chloromethane
Concen: 0.673 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion: 50 Resp: 707
Ion Ratio Lower Upper
50 100
52 55.8 25.9 38.9

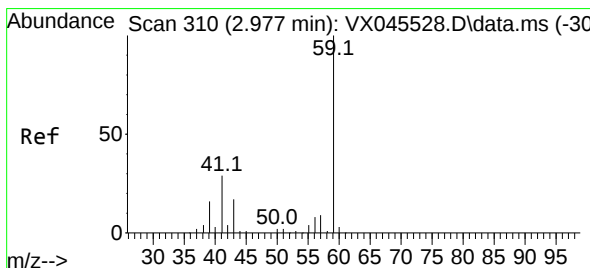
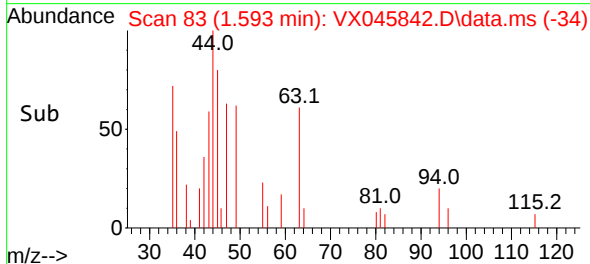
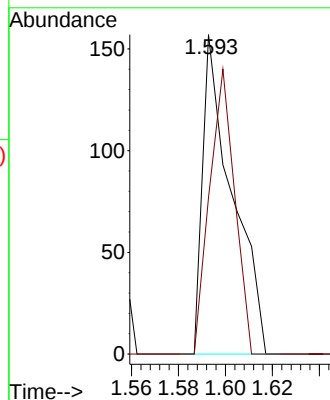
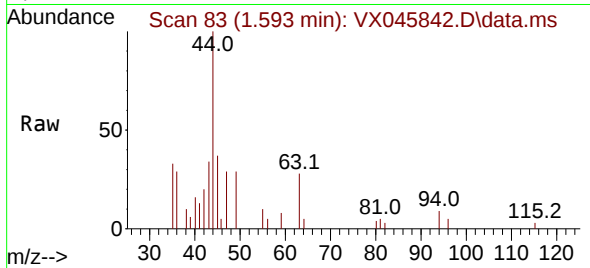




#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

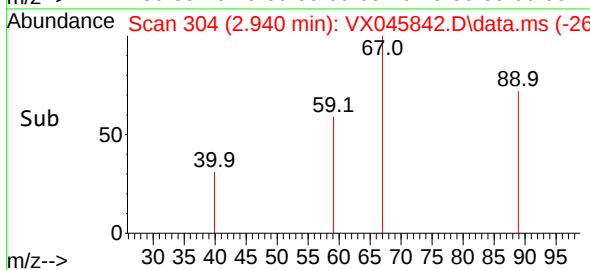
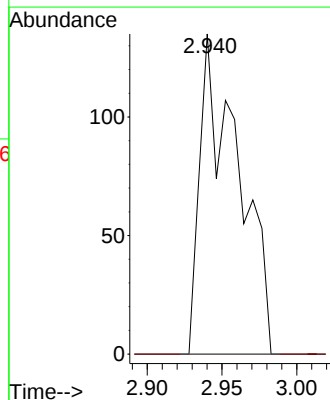
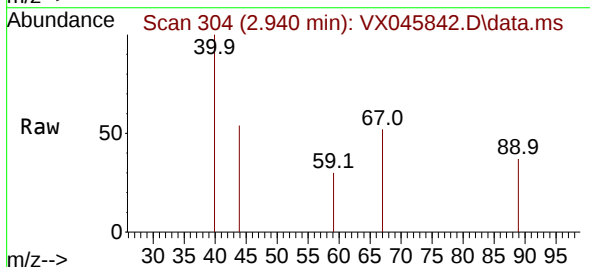
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

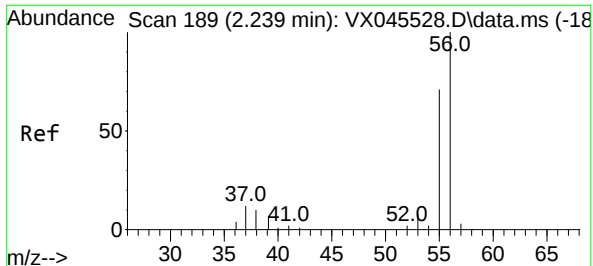
Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 49.0 74.8 112.2#



#11
Tert butyl alcohol
Concen: 1.428 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion: 59 Resp: 240
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

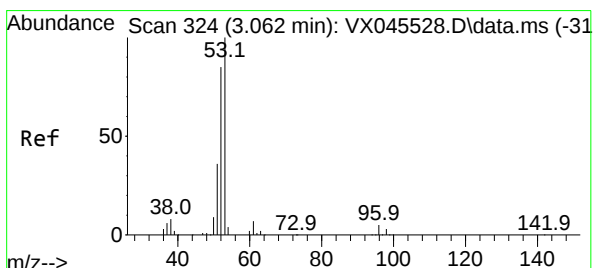
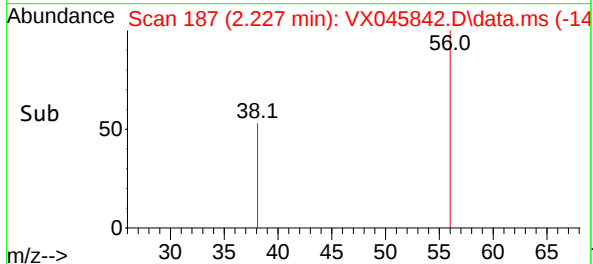
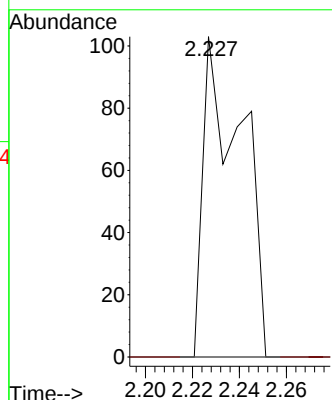
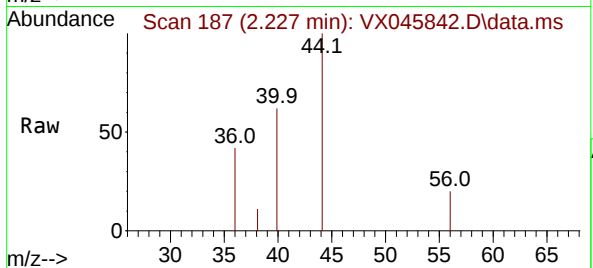




#13
Acrolein
Concen: 0.501 ug/l
RT: 2.227 min Scan# 116
Delta R.T. -0.013 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

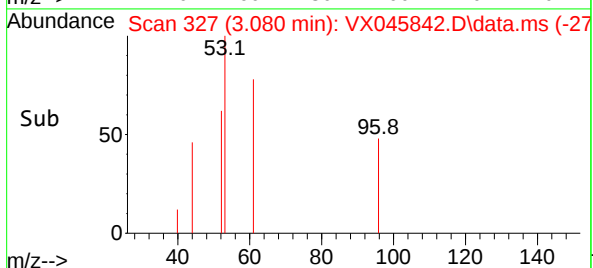
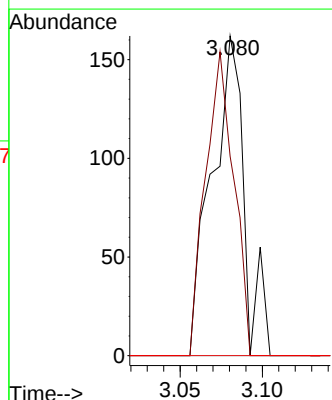
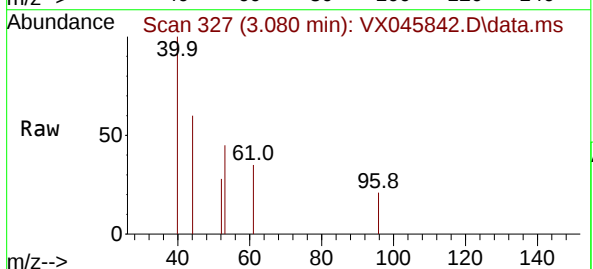
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

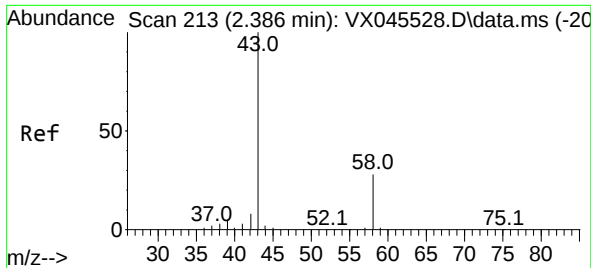
Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2#



#15
Acrylonitrile
Concen: 0.419 ug/l
RT: 3.080 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion: 53 Resp: 222
Ion Ratio Lower Upper
53 100
52 82.9 67.4 101.2
51 0.0 29.9 44.9#

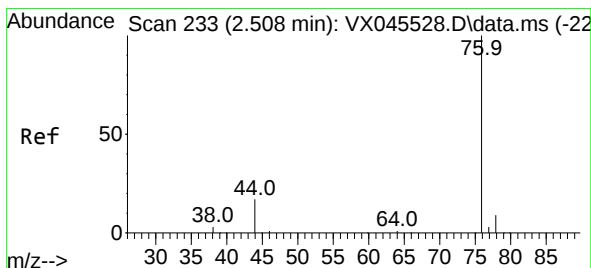
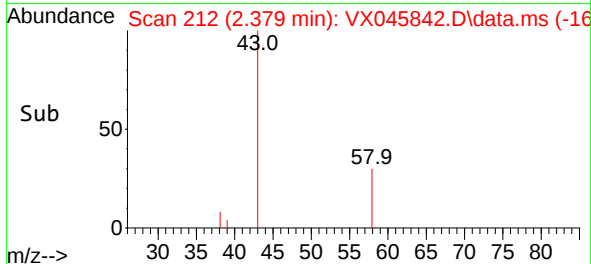
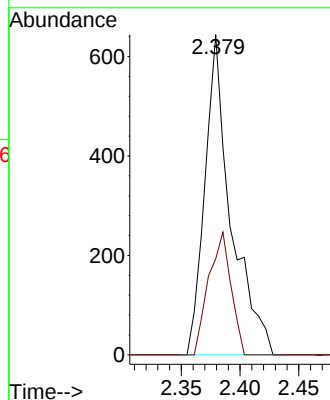
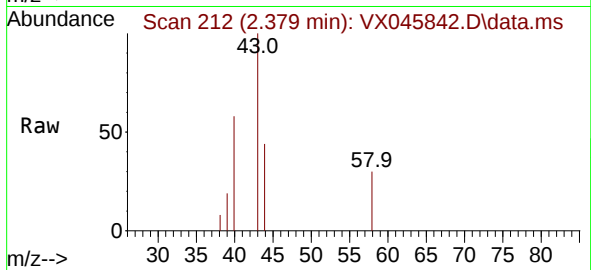




#16
Acetone
Concen: 1.932 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

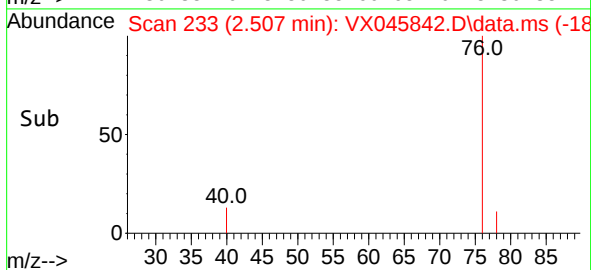
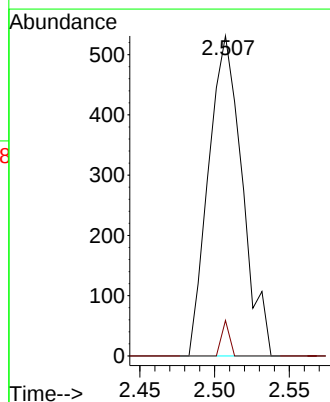
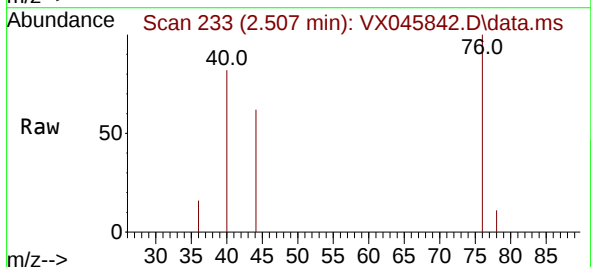
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

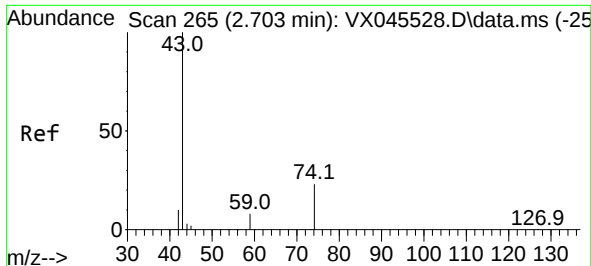
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 30.0 22.3 33.5



#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion: 76 Resp: 830
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.6#





#18

Methyl Acetate

Concen: 0.269 ug/l

RT: 2.702 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX045842.D

Acq: 18 Apr 2025 09:04

Instrument :

MSVOA_X

ClientSampleId :

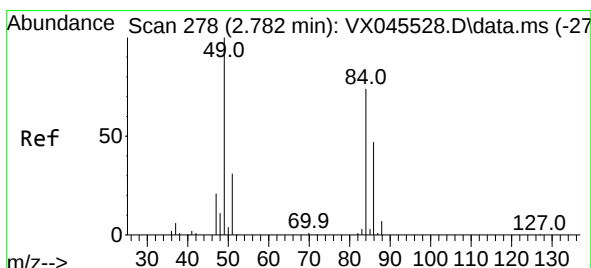
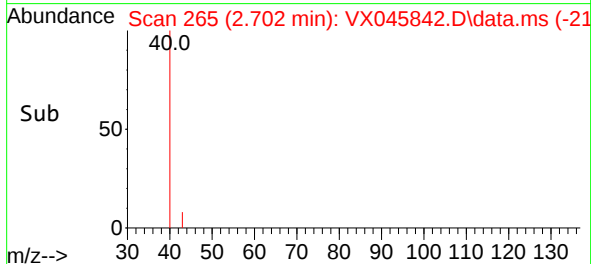
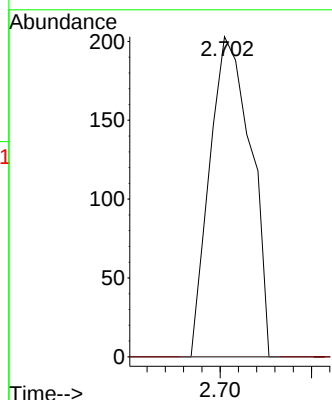
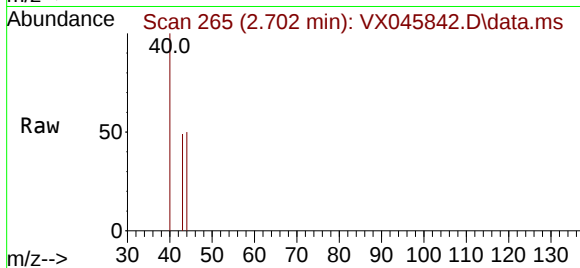
VX0418MBL01

Tgt Ion: 43 Resp: 318

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



#20

Methylene Chloride

Concen: 0.383 ug/l

RT: 2.769 min Scan# 276

Delta R.T. -0.013 min

Lab File: VX045842.D

Acq: 18 Apr 2025 09:04

Tgt Ion: 84 Resp: 368

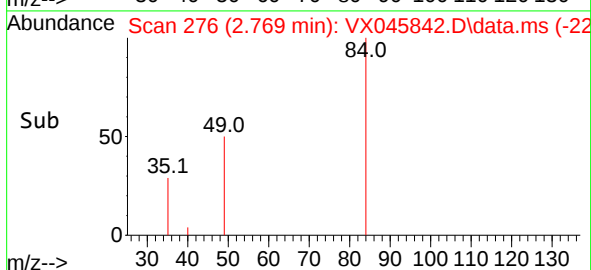
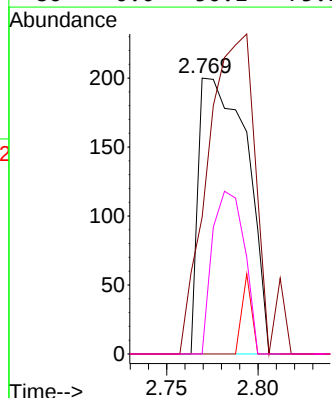
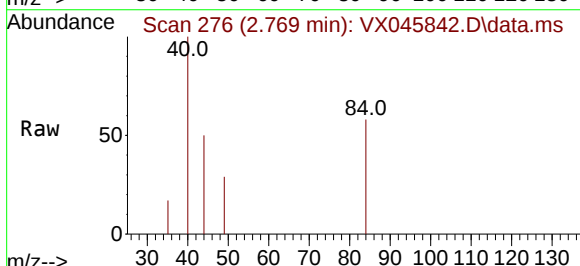
Ion Ratio Lower Upper

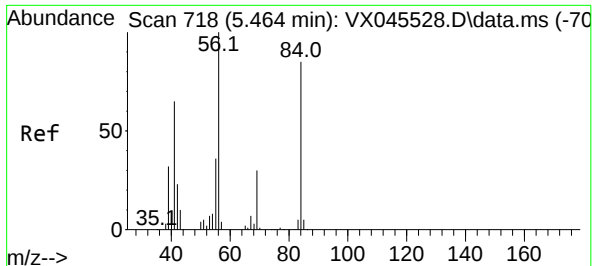
84 100

49 49.5 107.5 161.3#

51 0.0 33.0 49.6#

86 0.0 50.1 75.1#

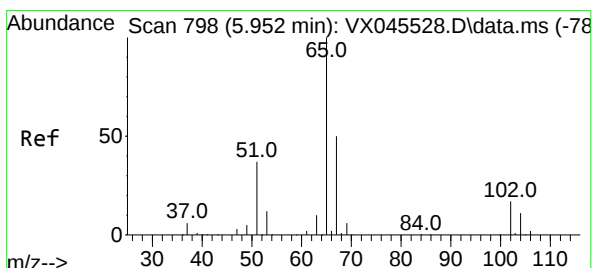
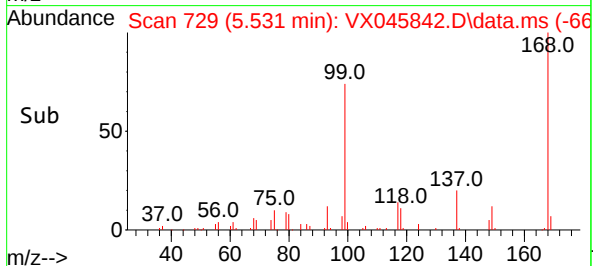
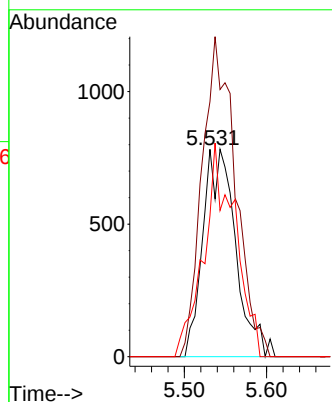
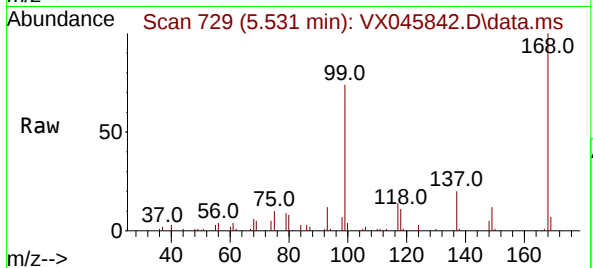




#31
Cyclohexane
Concen: 1.410 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

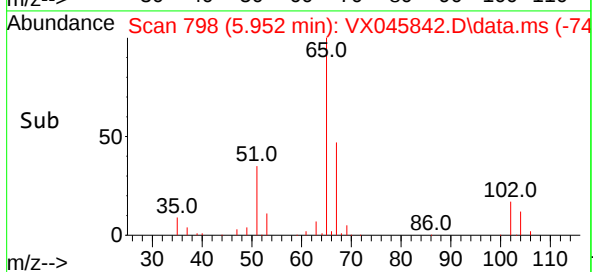
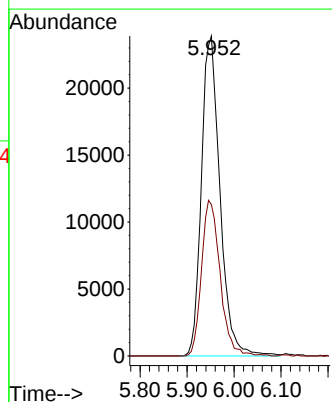
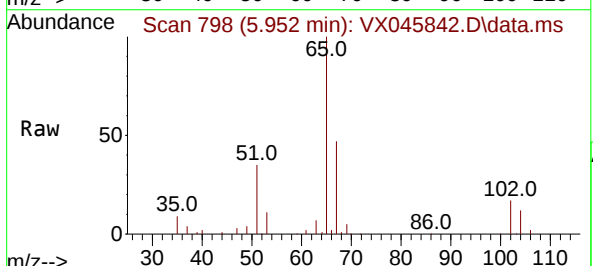
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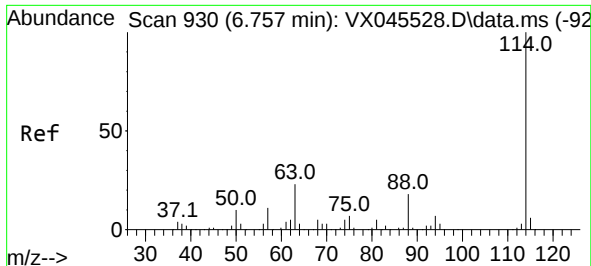
Tgt Ion: 56 Resp: 2162
Ion Ratio Lower Upper
56 100
69 123.0 23.6 35.4#
84 67.9 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 52.449 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion: 65 Resp: 65574
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0

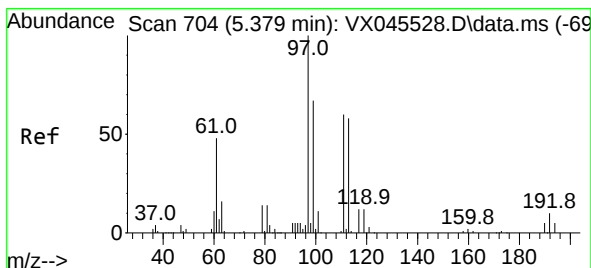
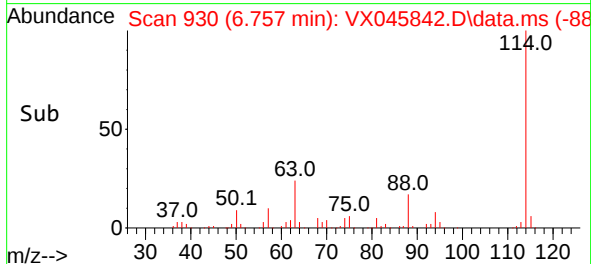
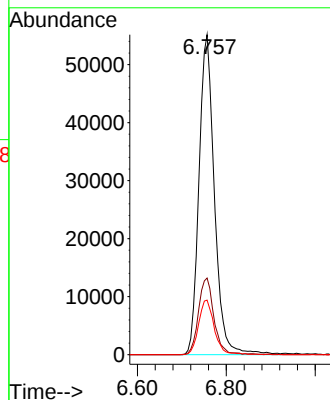
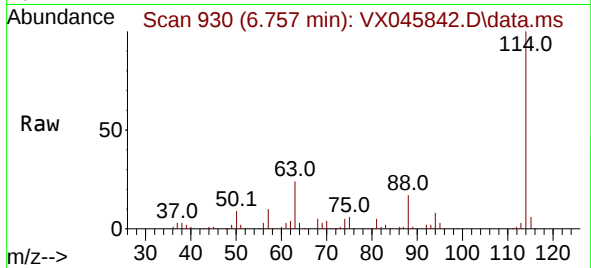




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

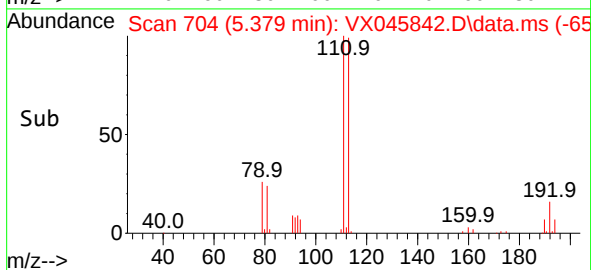
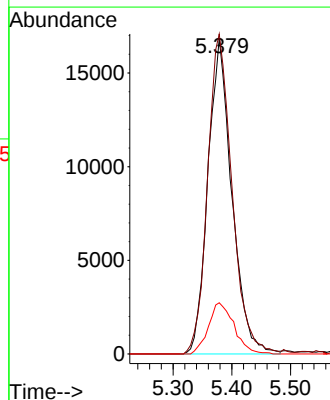
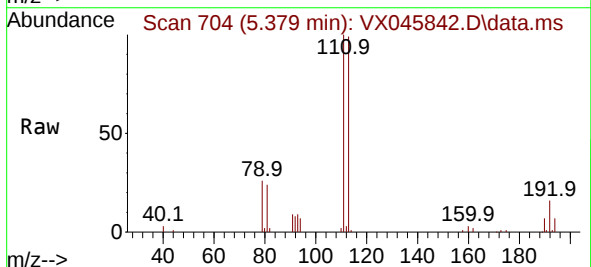
Instrument :
MSVOA_X
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VX0418MBL01

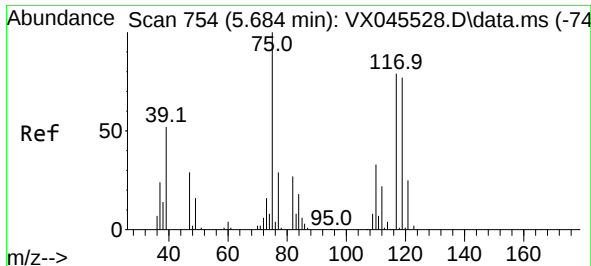
Tgt Ion:114 Resp: 133522
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 17.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.198 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion:113 Resp: 47555
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.4 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.312 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX045842.D

Acq: 18 Apr 2025 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0418MBL01

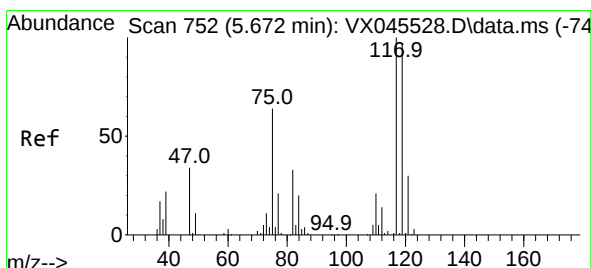
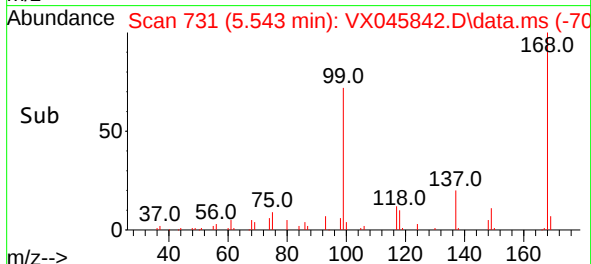
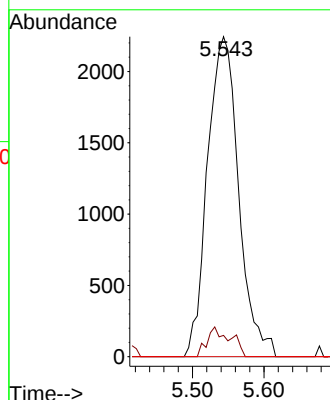
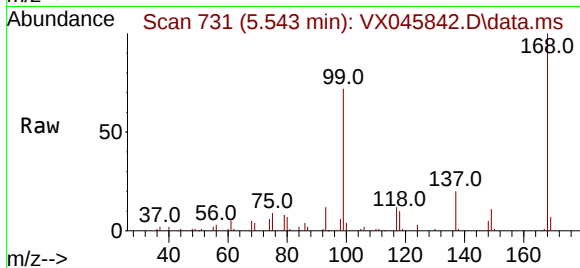
Tgt Ion: 75 Resp: 6795

Ion Ratio Lower Upper

75 100

110 6.9 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.861 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045842.D

Acq: 18 Apr 2025 09:04

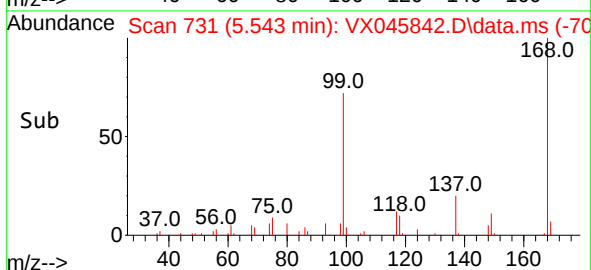
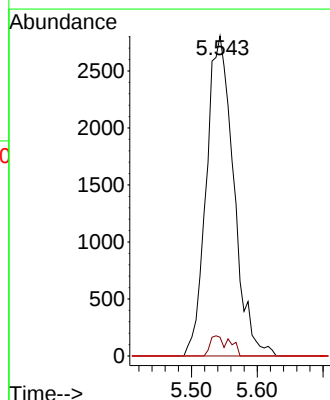
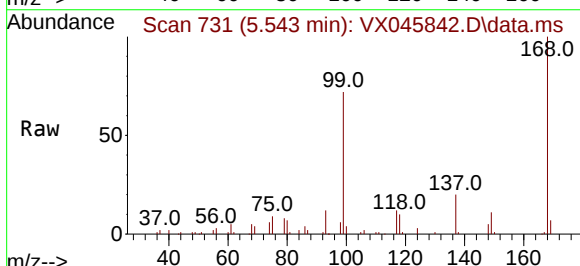
Tgt Ion: 117 Resp: 8102

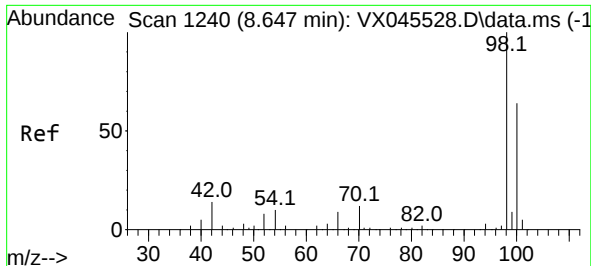
Ion Ratio Lower Upper

117 100

119 5.8 76.9 115.3#

121 0.0 24.2 36.2#

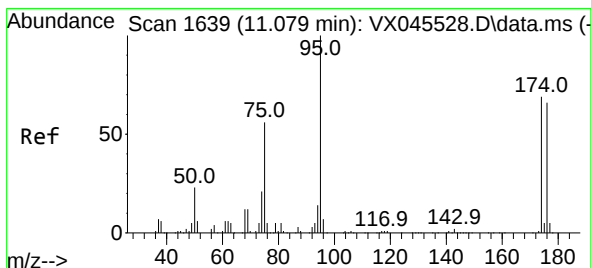
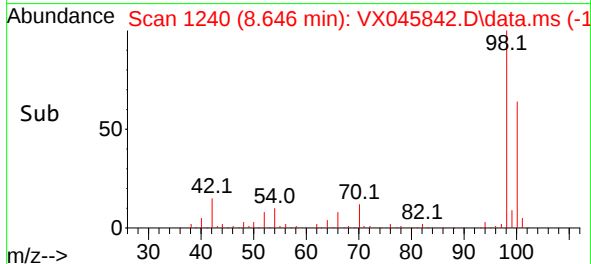
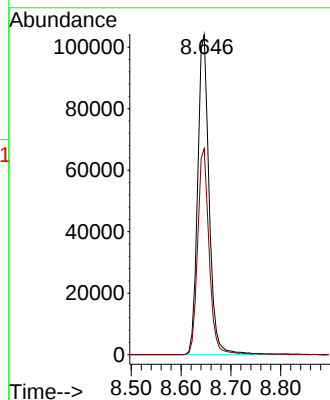
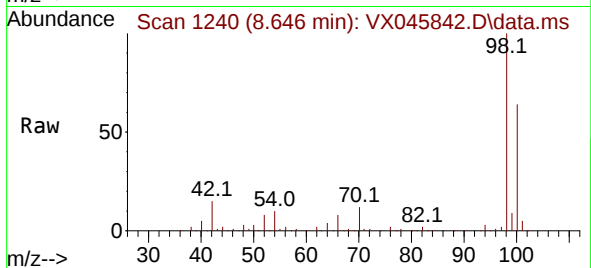




#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

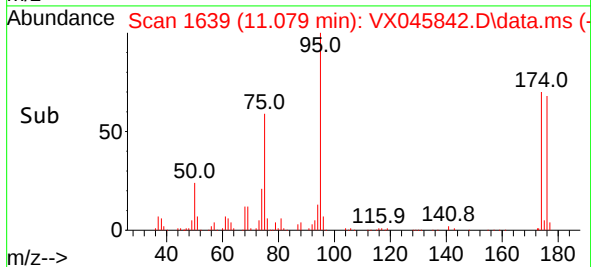
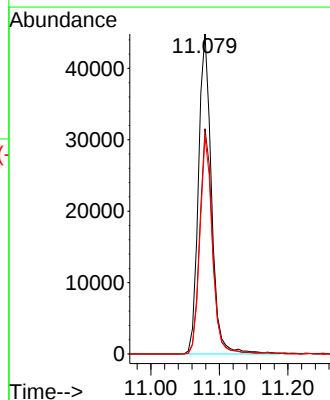
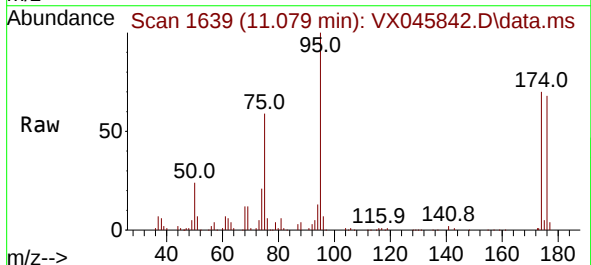
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

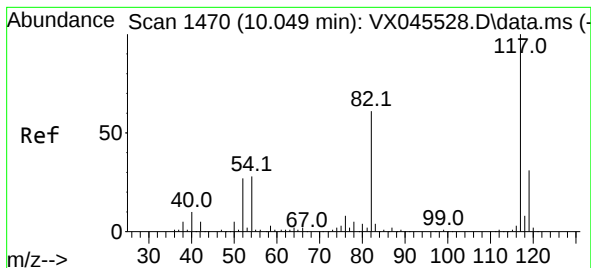
Tgt Ion: 98 Resp: 165919
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion: 95 Resp: 59288
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 64.9 0.0 131.4

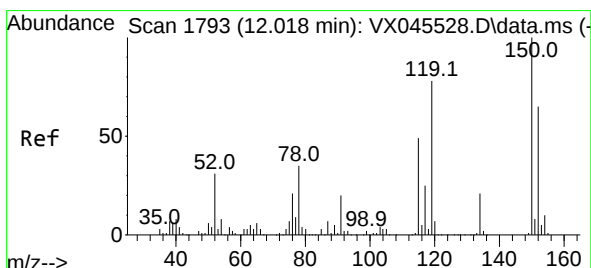
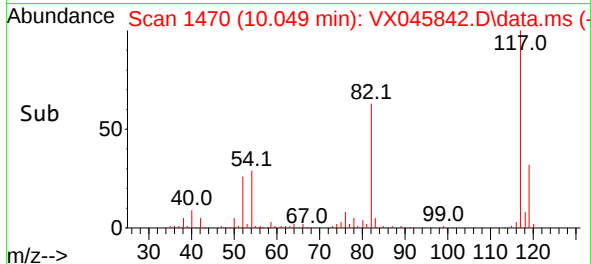
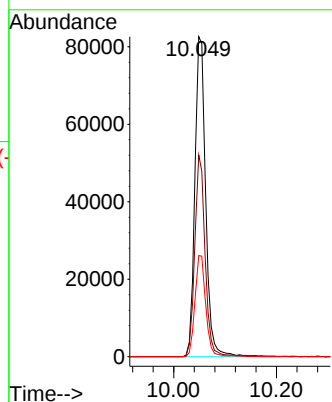
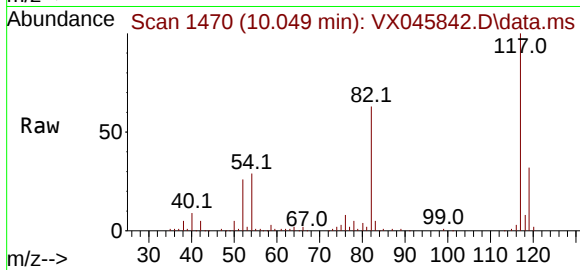




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

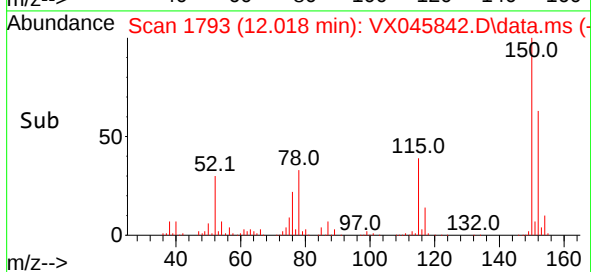
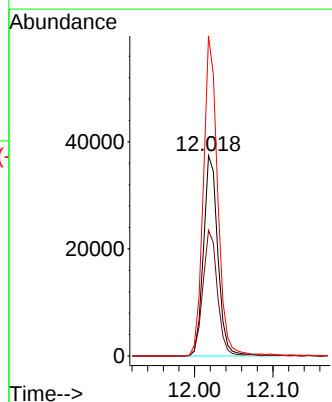
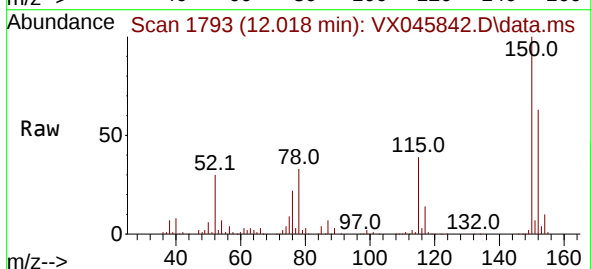
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

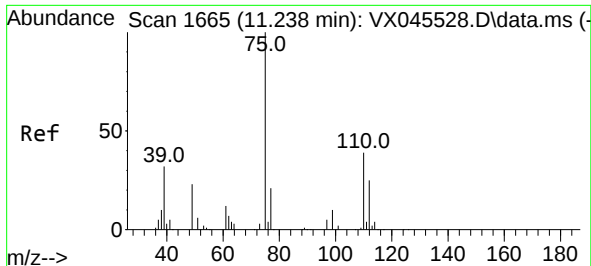
Tgt Ion:117 Resp: 120948
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion:152 Resp: 47773
Ion Ratio Lower Upper
152 100
115 63.8 46.9 140.7
150 159.4 0.0 349.4

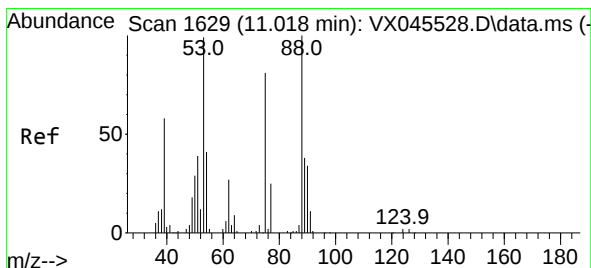
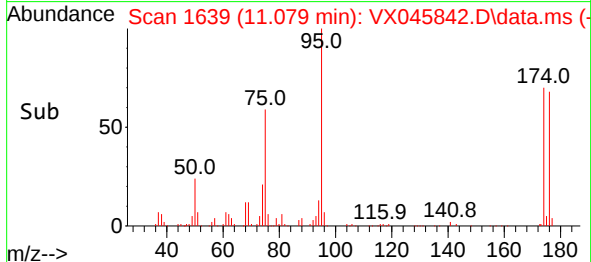
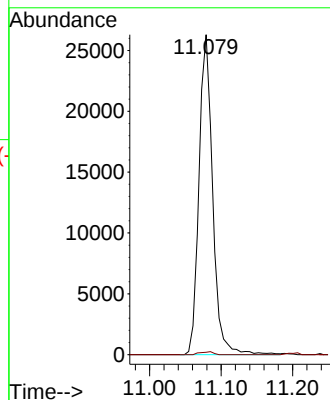
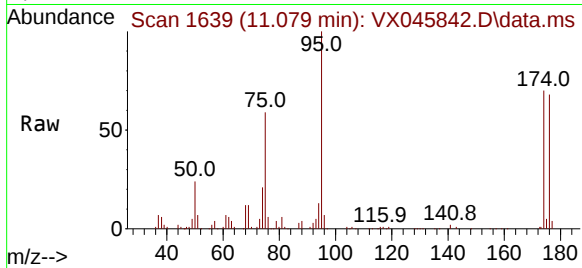




#76
1,2,3-Trichloropropane
Concen: 29.972 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

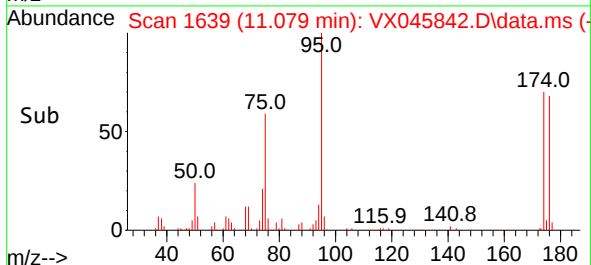
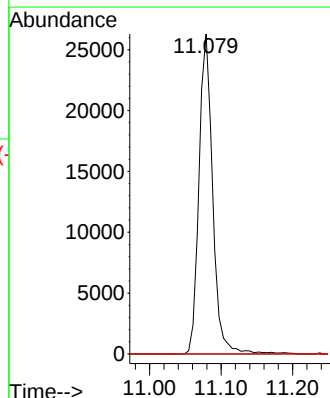
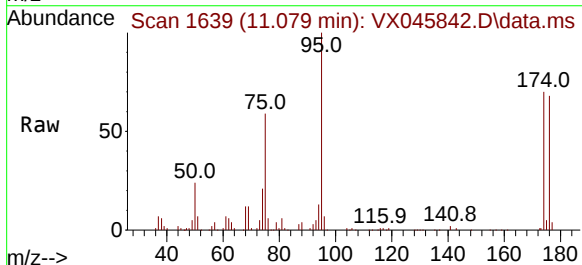
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

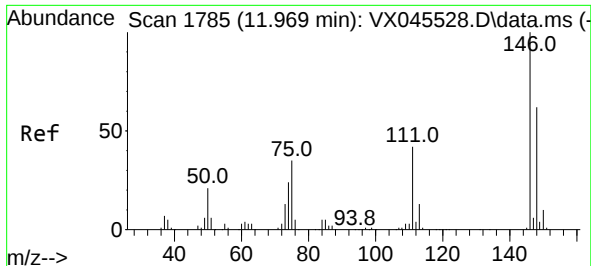
Tgt Ion: 75 Resp: 34926
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion: 75 Resp: 34926
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#





#87

1,3-Dichlorobenzene

Concen: 0.217 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX045842.D

Acq: 18 Apr 2025 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0418MBL01

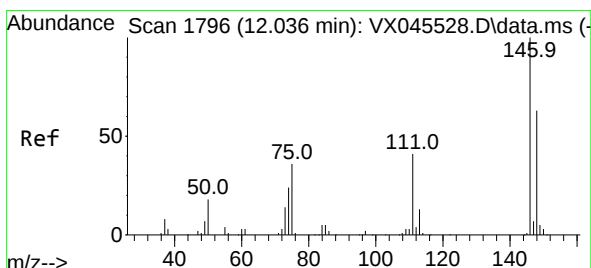
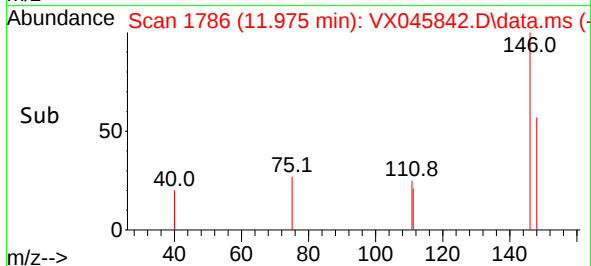
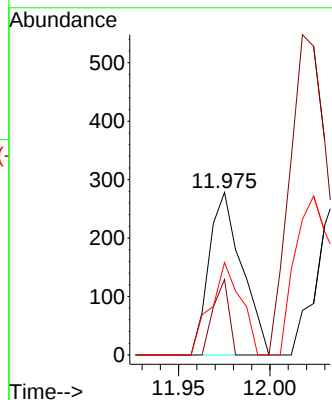
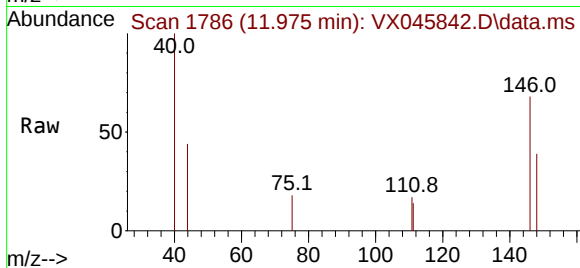
Tgt Ion:146 Resp: 349

Ion Ratio Lower Upper

146 100

111 22.1 22.2 66.6#

148 52.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.214 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX045842.D

Acq: 18 Apr 2025 09:04

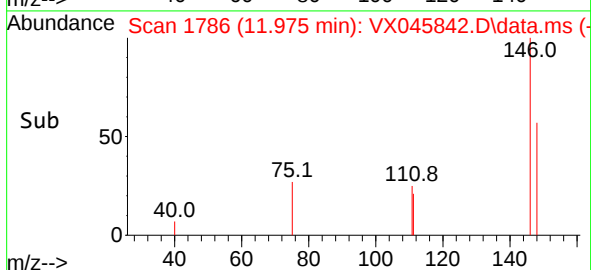
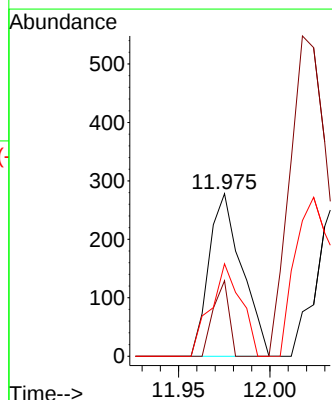
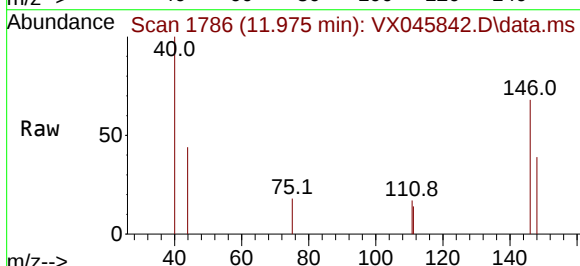
Tgt Ion:146 Resp: 349

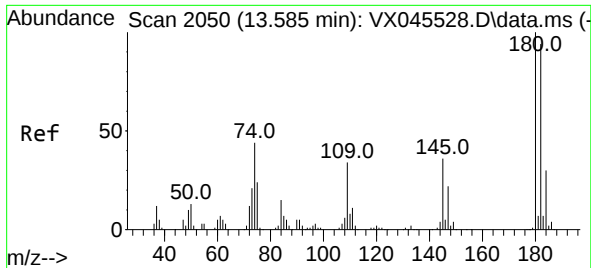
Ion Ratio Lower Upper

146 100

111 22.1 20.9 62.8

148 52.4 31.5 94.5

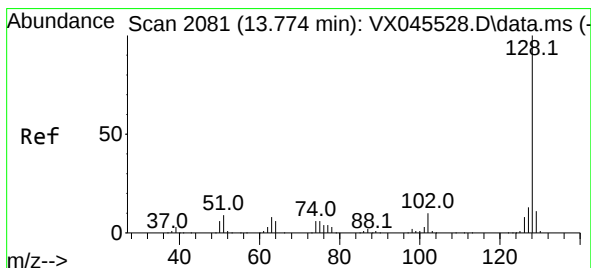
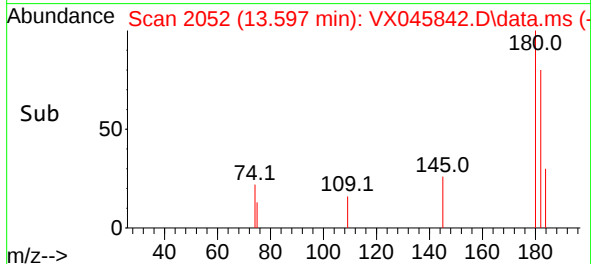
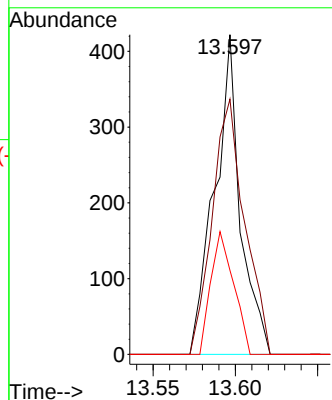
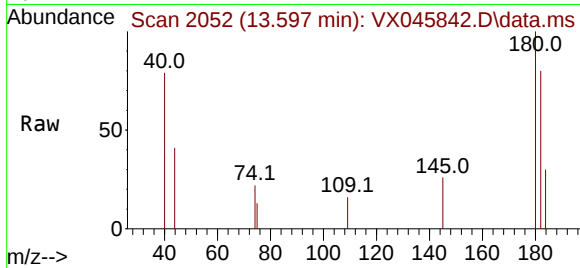




#93
1,2,4-Trichlorobenzene
Concen: 0.513 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

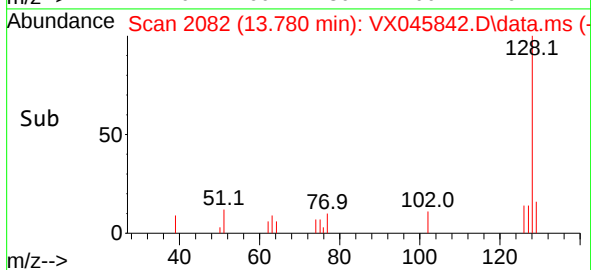
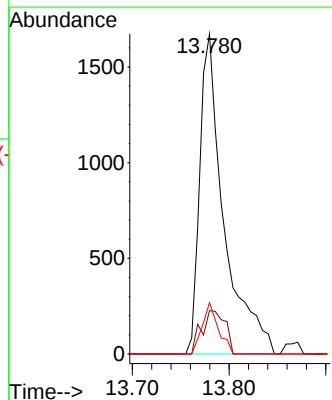
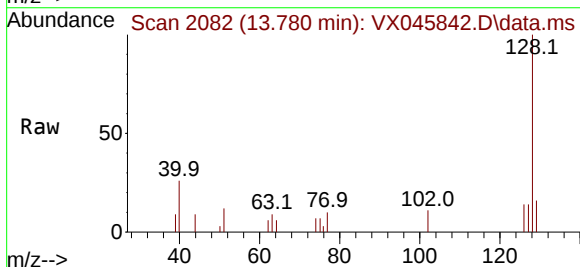
Instrument :
MSVOA_X
ClientSampleId :
VX0418MBL01

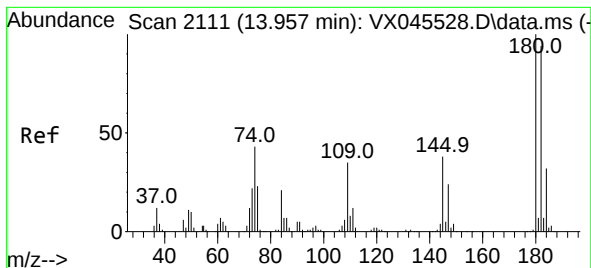
Tgt Ion:180 Resp: 457
Ion Ratio Lower Upper
180 100
182 101.1 47.9 143.6
145 34.4 17.9 53.8



#95
Naphthalene
Concen: 0.878 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045842.D
Acq: 18 Apr 2025 09:04

Tgt Ion:128 Resp: 2909
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.7 8.6 12.8





#96

1,2,3-Trichlorobenzene

Concen: 0.716 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045842.D

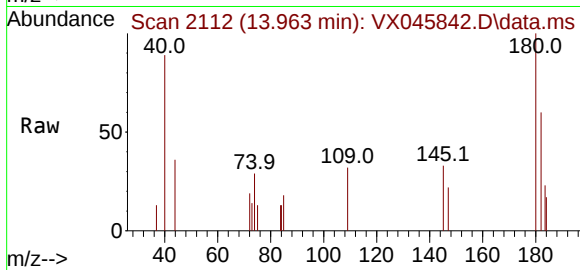
Acq: 18 Apr 2025 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0418MBL01



Tgt Ion:180 Resp: 668

Ion Ratio Lower Upper

180 100

182 69.2 47.3 141.8

145 31.9 18.2 54.6

