

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046193.D
 Acq On : 14 May 2025 14:45
 Operator : JC/MD
 Sample : Q2018-04DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2DL

Quant Time: May 15 01:23:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

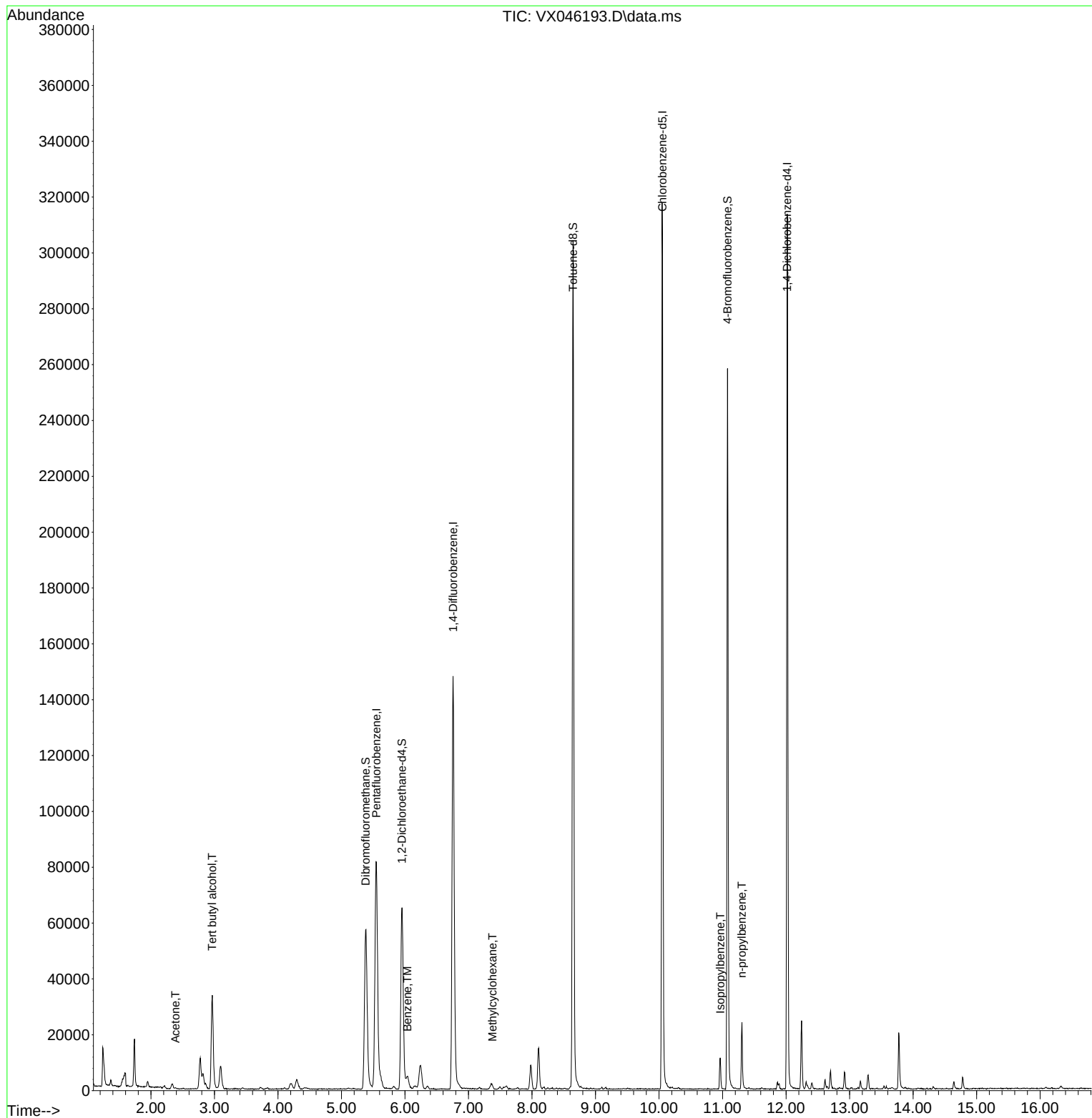
Internal Standards						
1) Pentafluorobenzene	5.550	168	71196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68079	51.291	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.580%			
35) Dibromofluoromethane	5.379	113	50731	50.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	176120	50.504	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.000%			
62) 4-Bromofluorobenzene	11.079	95	68773	51.413	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	34055	182.781	ug/l	98
16) Acetone	2.386	43	449	0.844	ug/l	97
39) Methylcyclohexane	7.379	83	480	0.275	ug/l #	81
40) Benzene	6.037	78	5105	1.287	ug/l #	89
73) Isopropylbenzene	10.963	105	6043	1.316	ug/l	97
78) n-propylbenzene	11.305	91	15400	2.883	ug/l	99

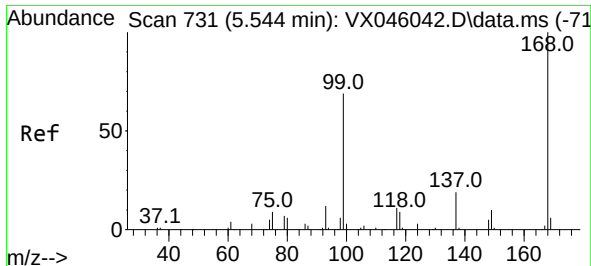
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046193.D
Acq On : 14 May 2025 14:45
Operator : JC/MD
Sample : Q2018-04DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2DL

Quant Time: May 15 01:23:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

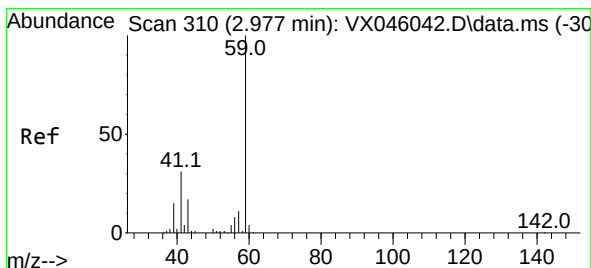
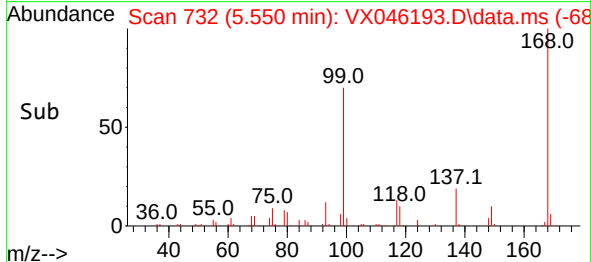
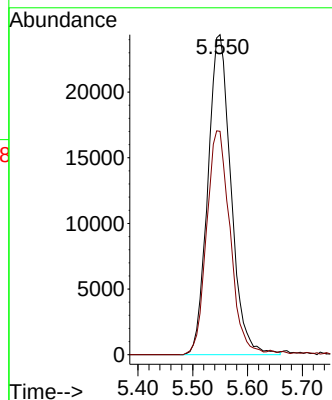
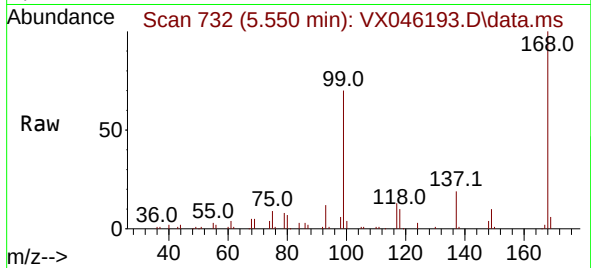




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

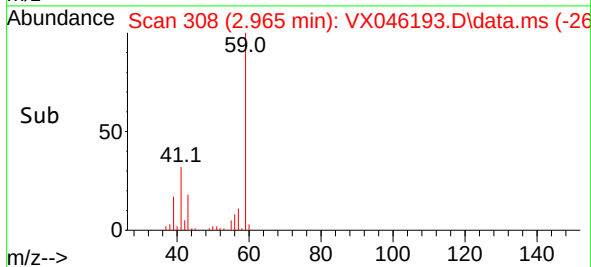
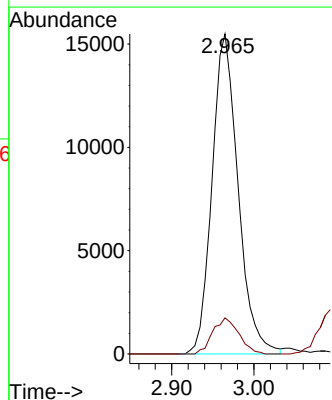
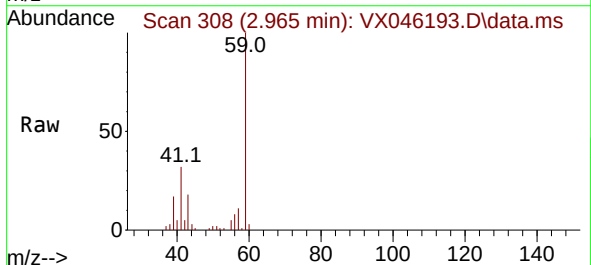
Instrument :
MSVOA_X
ClientSampleId :
MW2DL

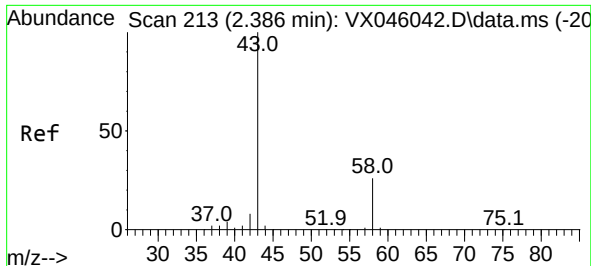
Tgt Ion:168 Resp: 71196
Ion Ratio Lower Upper
168 100
99 69.8 54.9 82.3



#11
Tert butyl alcohol
Concen: 182.781 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 59 Resp: 34055
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

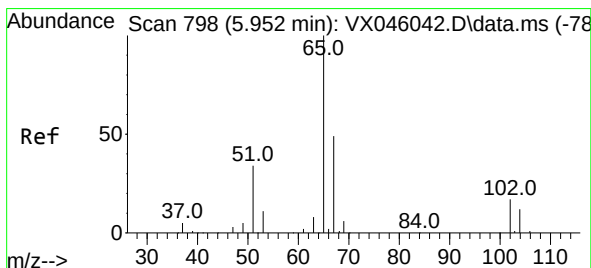
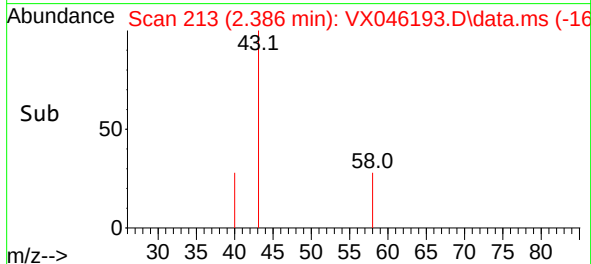
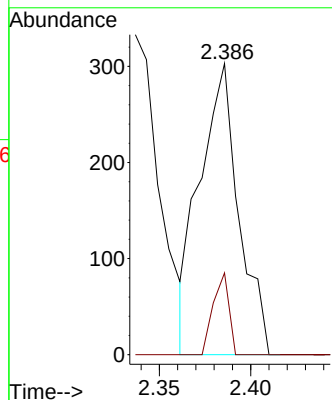
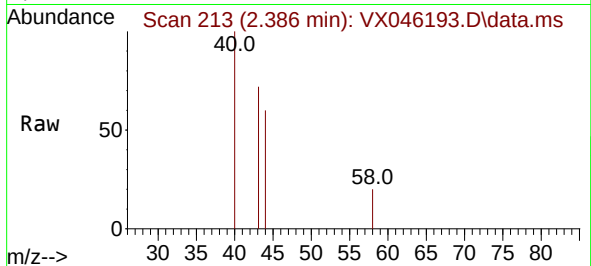




#16
Acetone
Concen: 0.844 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

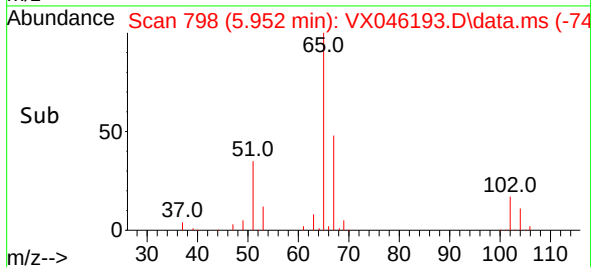
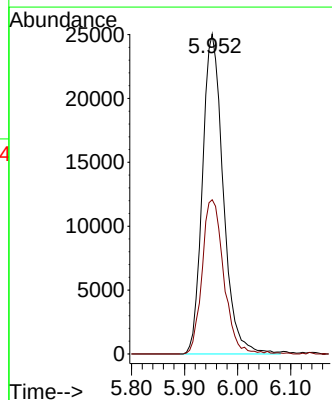
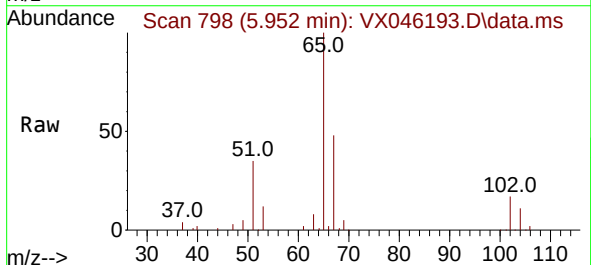
Instrument :
MSVOA_X
ClientSampleId :
MW2DL

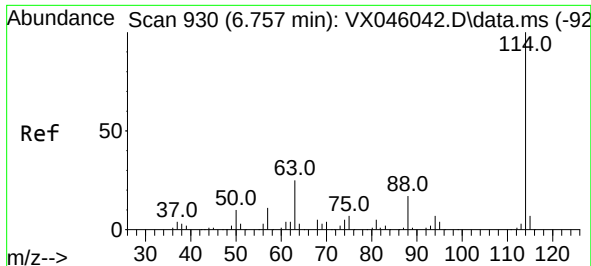
Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 51.291 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 65 Resp: 68079
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

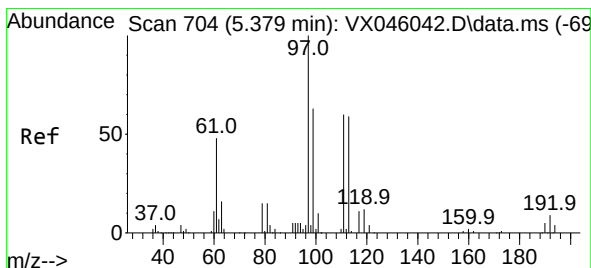
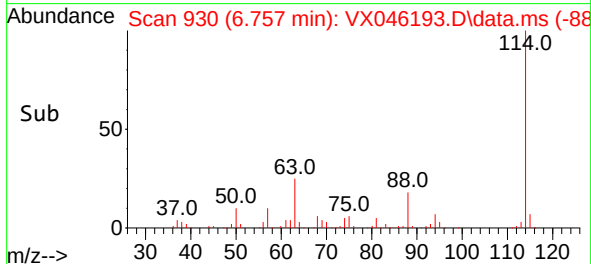
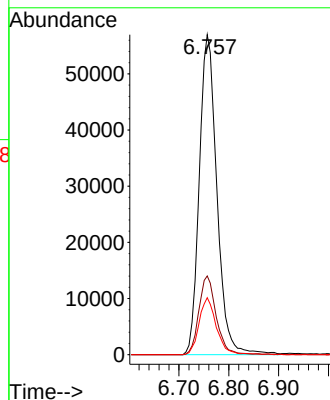
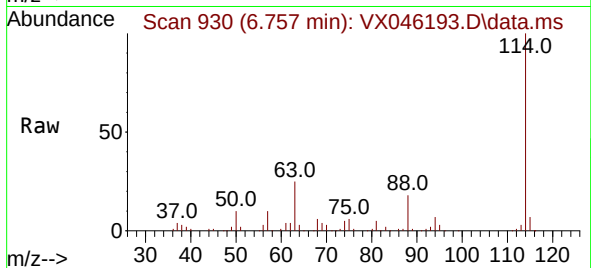




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

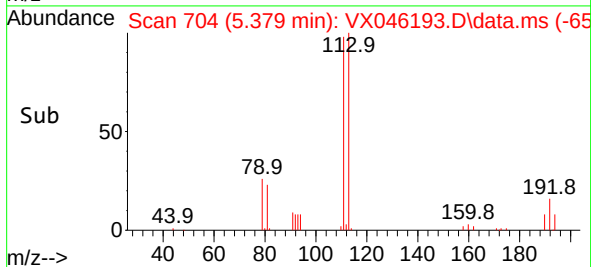
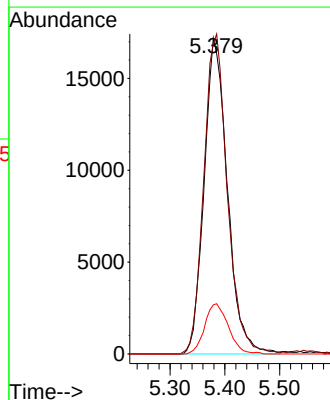
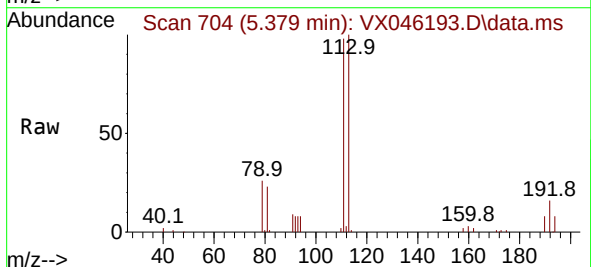
Instrument :
MSVOA_X
ClientSampleId :
MW2DL

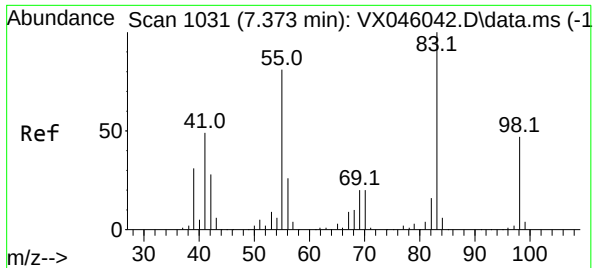
Tgt Ion:114 Resp: 139917
Ion Ratio Lower Upper
114 100
63 24.6 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.351 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion:113 Resp: 50731
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.1 13.3 19.9

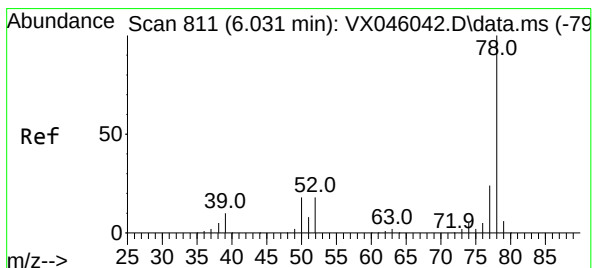
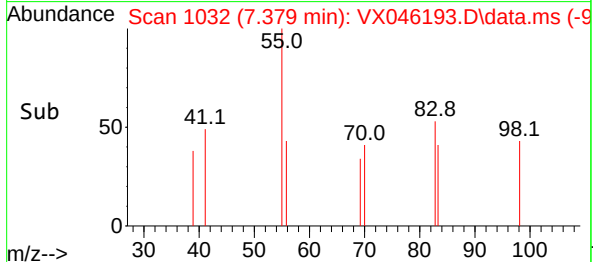
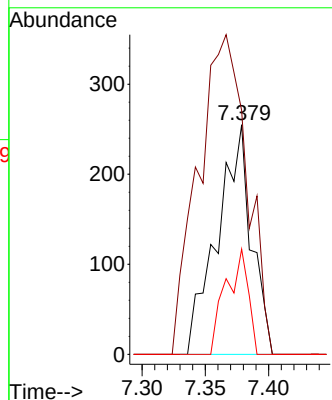
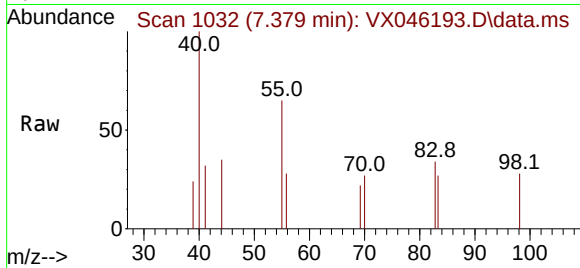




#39
Methylcyclohexane
Concen: 0.275 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

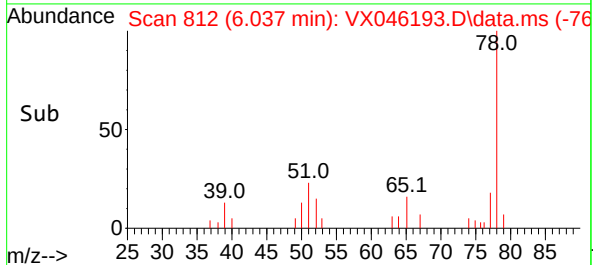
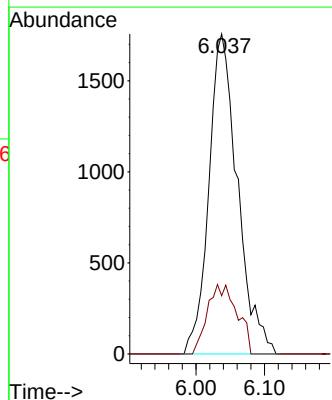
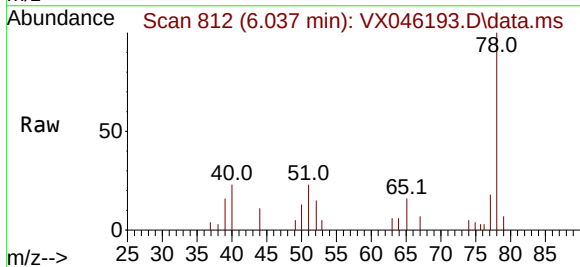
Instrument :
MSVOA_X
ClientSampleId :
MW2DL

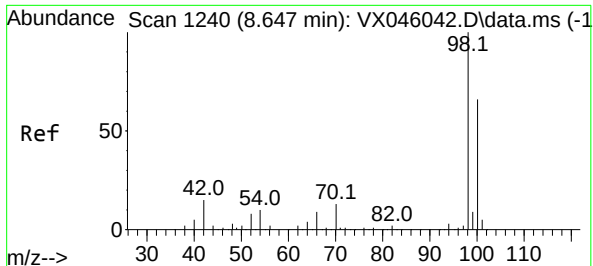
Tgt Ion: 83 Resp: 480
Ion Ratio Lower Upper
83 100
55 106.3 64.7 97.1#
98 45.9 37.4 56.2



#40
Benzene
Concen: 1.287 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 78 Resp: 5105
Ion Ratio Lower Upper
78 100
77 18.2 19.0 28.4#





#50

Toluene-d8

Concen: 50.504 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046193.D

Acq: 14 May 2025 14:45

Instrument :

MSVOA_X

ClientSampleId :

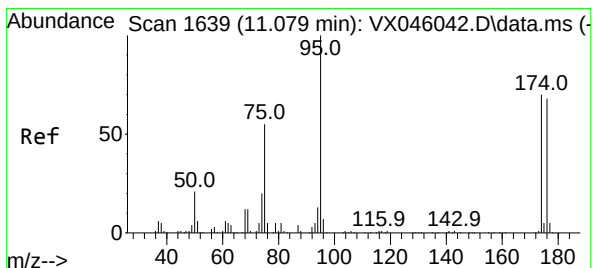
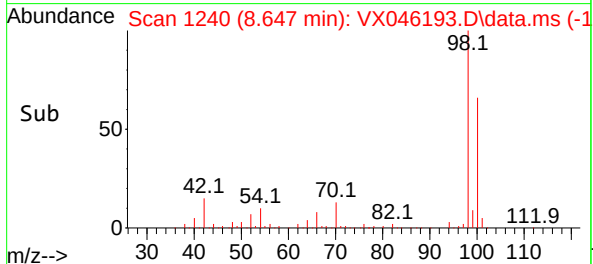
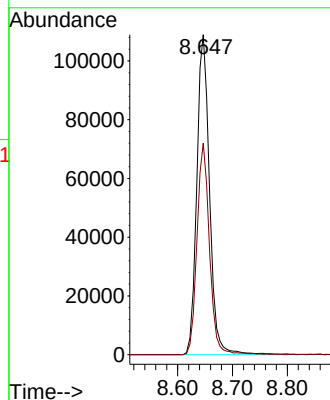
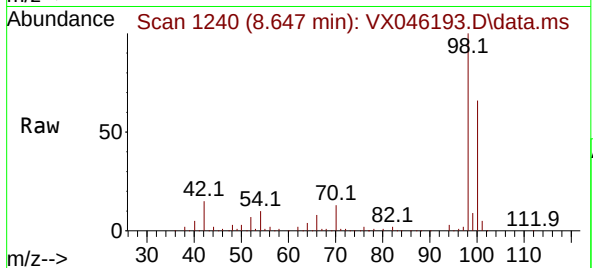
MW2DL

Tgt Ion: 98 Resp: 176120

Ion Ratio Lower Upper

98 100

100 65.1 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 51.413 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046193.D

Acq: 14 May 2025 14:45

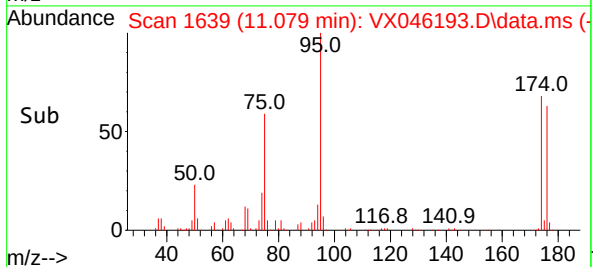
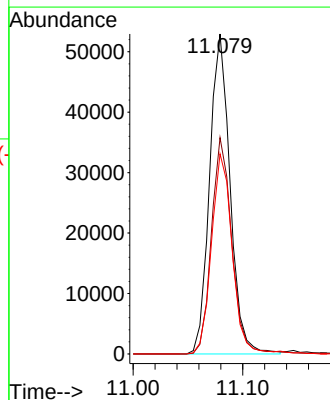
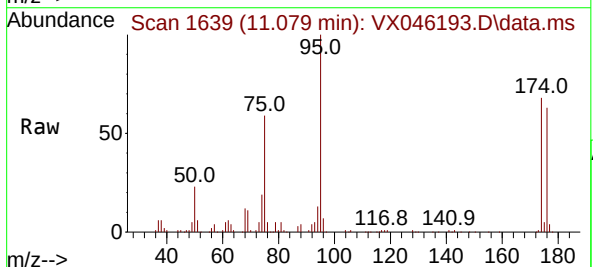
Tgt Ion: 95 Resp: 68773

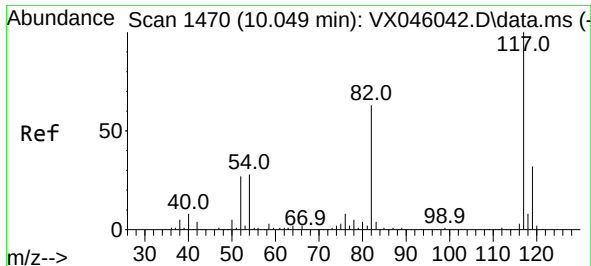
Ion Ratio Lower Upper

95 100

174 67.5 0.0 135.8

176 63.5 0.0 131.4

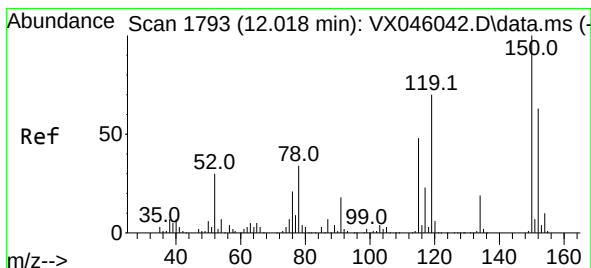
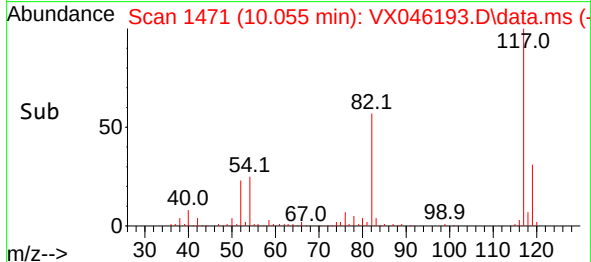
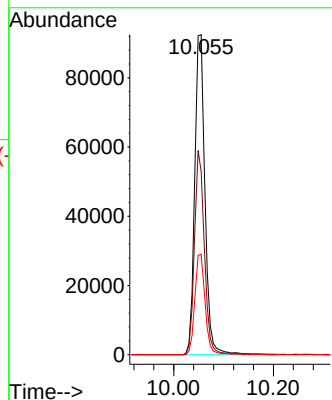
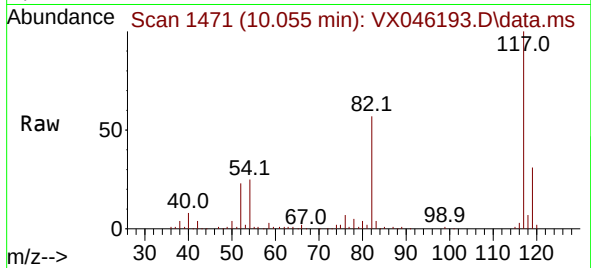




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

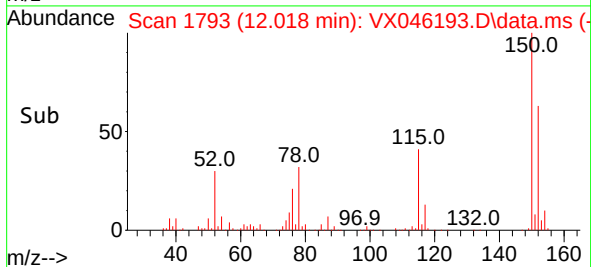
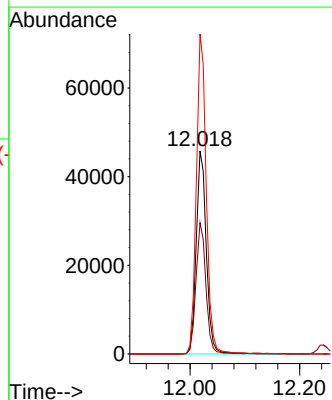
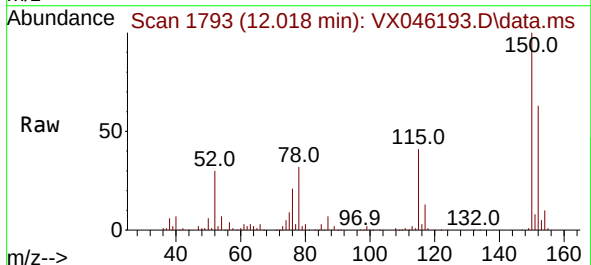
Instrument :
MSVOA_X
ClientSampleId :
MW2DL

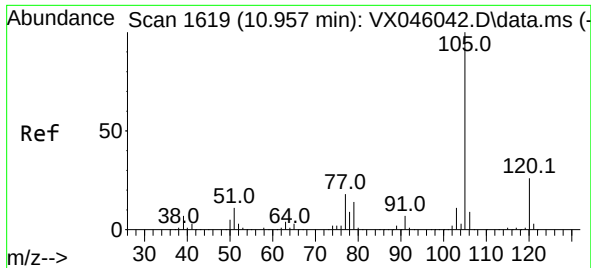
Tgt Ion:117 Resp: 132344
Ion Ratio Lower Upper
117 100
82 57.3 50.6 76.0
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion:152 Resp: 59001
Ion Ratio Lower Upper
152 100
115 64.0 46.9 140.7
150 154.6 0.0 351.0

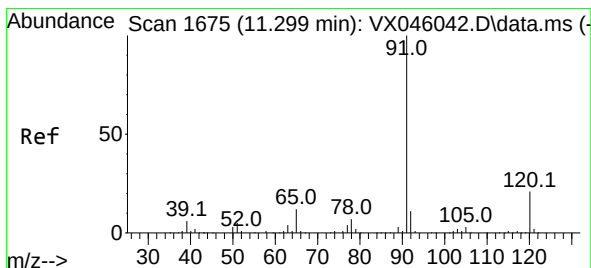
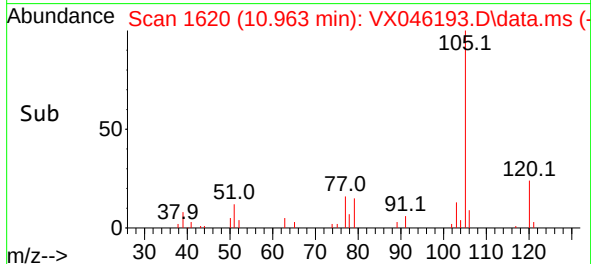
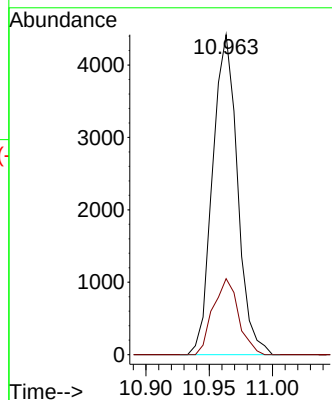
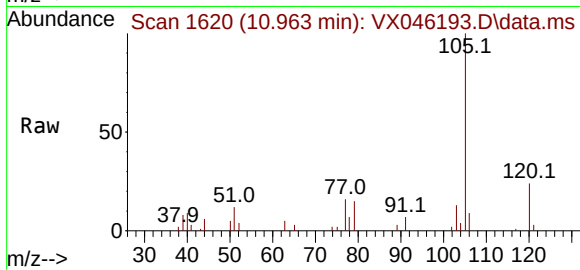




#73
Isopropylbenzene
Concen: 1.316 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW2DL

Tgt Ion:105 Resp: 6043
Ion Ratio Lower Upper
105 100
120 24.2 12.8 38.4



#78
n-propylbenzene
Concen: 2.883 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 91 Resp: 15400
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.4

