

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
 Data File : VX047539.D
 Acq On : 27 Aug 2025 14:44
 Operator : JC/MD
 Sample : Q2964-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3DL

Quant Time: Aug 28 01:20:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

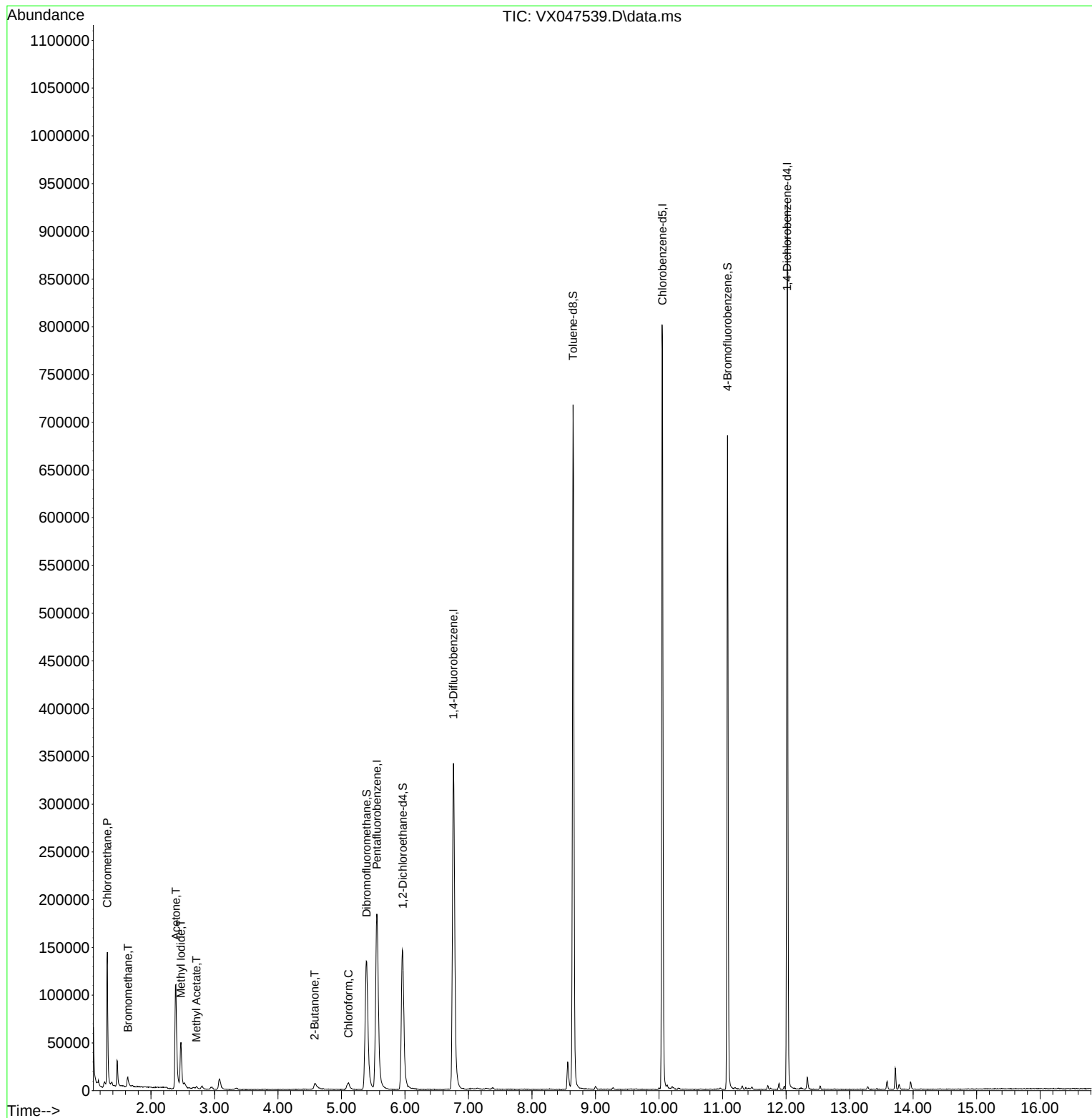
Internal Standards						
1) Pentafluorobenzene	5.556	168	187177	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	371185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	181024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155823	59.483	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.960%#	
35) Dibromofluoromethane	5.397	113	130586	54.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.420%	
50) Toluene-d8	8.647	98	436410	50.683	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	11.079	95	184372	58.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.060%	
Target Compounds						
						Qvalue
3) Chloromethane	1.313	50	106172	49.463	ug/l	95
5) Bromomethane	1.636	94	5551	5.101	ug/l	98
10) Methyl Iodide	2.471	142	50749	12.810	ug/l	94
16) Acetone	2.392	43	147811	150.114	ug/l	100
18) Methyl Acetate	2.715	43	3176	1.245	ug/l #	85
25) 2-Butanone	4.574	43	14672	11.377	ug/l	92
30) Chloroform	5.111	83	9325	1.998	ug/l	86

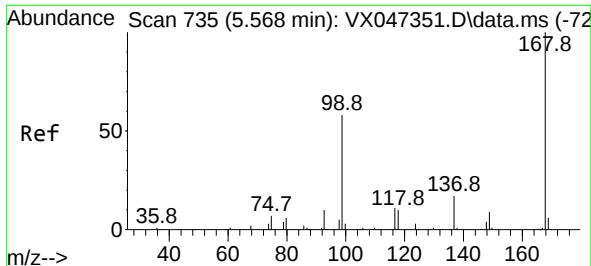
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082725\
Data File : VX047539.D
Acq On : 27 Aug 2025 14:44
Operator : JC/MD
Sample : Q2964-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3DL

Quant Time: Aug 28 01:20:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

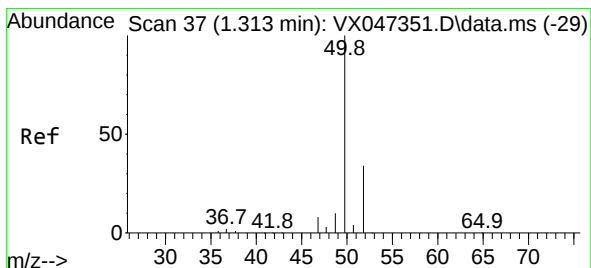
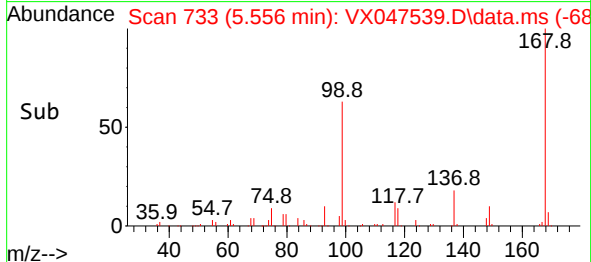
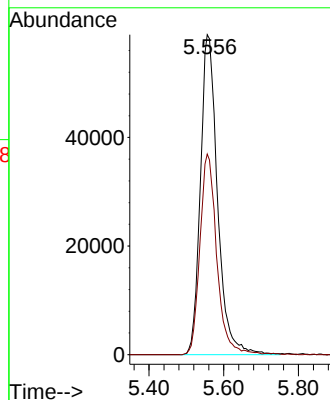
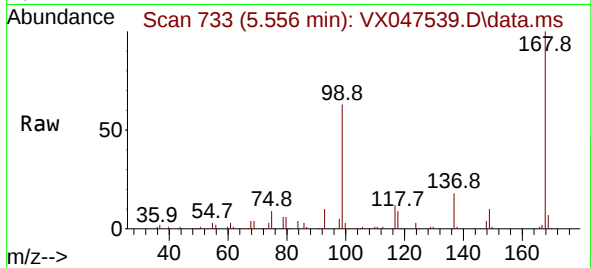




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

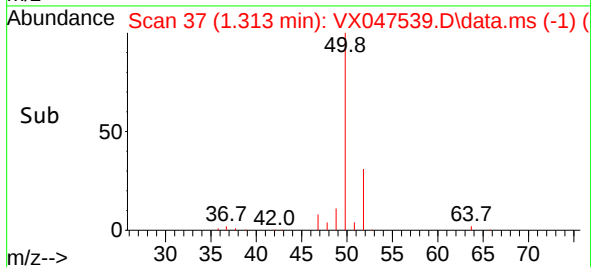
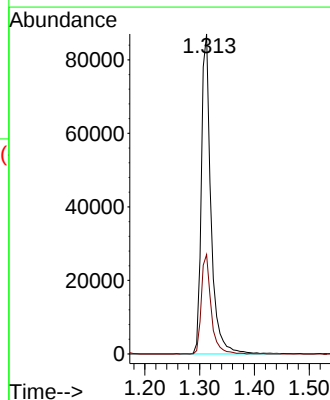
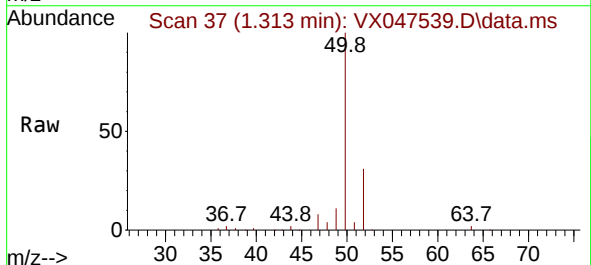
Instrument :
MSVOA_X
ClientSampleId :
MW3DL

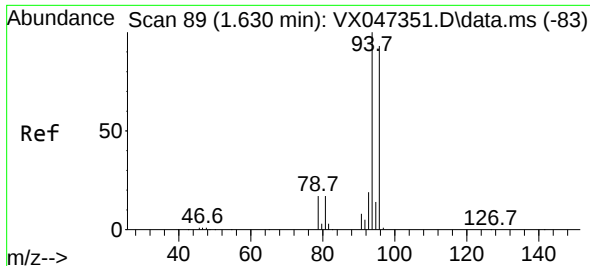
Tgt Ion:168 Resp: 187177
Ion Ratio Lower Upper
168 100
99 62.7 47.9 71.9



#3
Chloromethane
Concen: 49.463 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 50 Resp: 106172
Ion Ratio Lower Upper
50 100
52 31.1 27.0 40.4

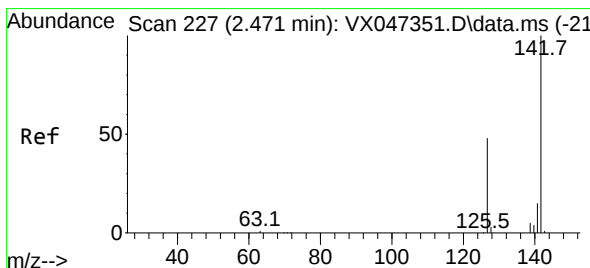
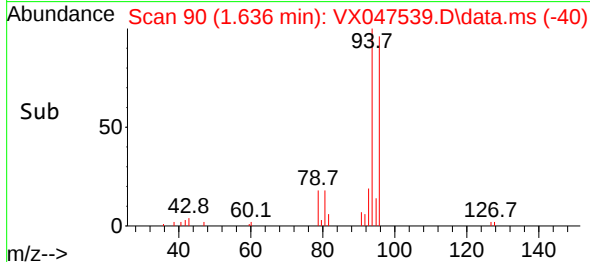
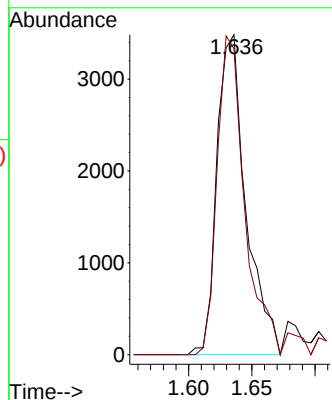
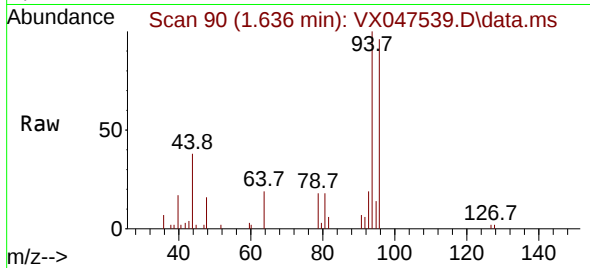




#5
Bromomethane
Concen: 5.101 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

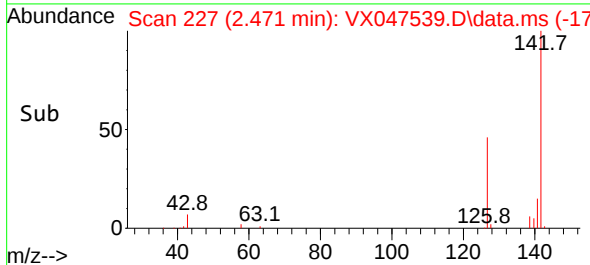
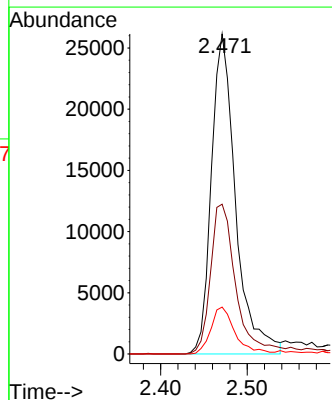
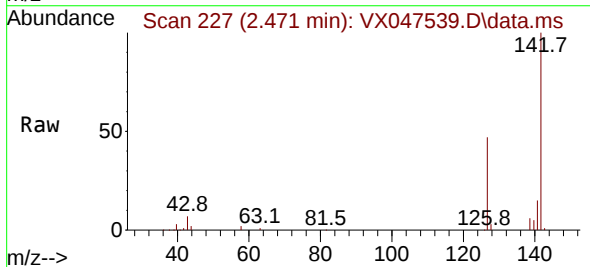
Instrument :
MSVOA_X
ClientSampleId :
MW3DL

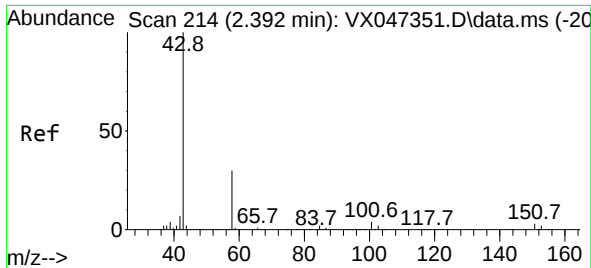
Tgt Ion: 94 Resp: 5551
Ion Ratio Lower Upper
94 100
96 95.6 74.7 112.1



#10
Methyl Iodide
Concen: 12.810 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion:142 Resp: 50749
Ion Ratio Lower Upper
142 100
127 50.0 36.1 54.1
141 14.7 11.1 16.7

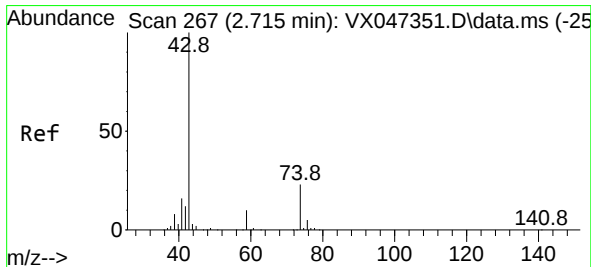
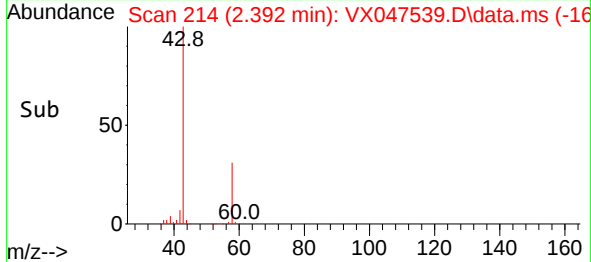
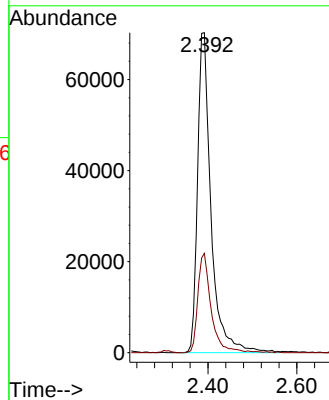
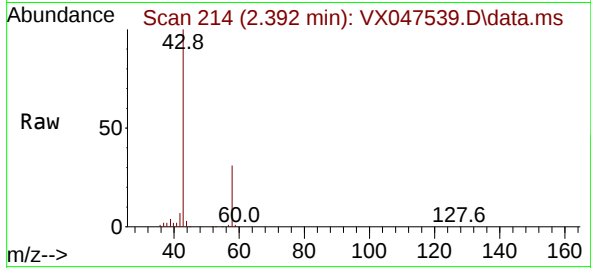




#16
Acetone
Concen: 150.114 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

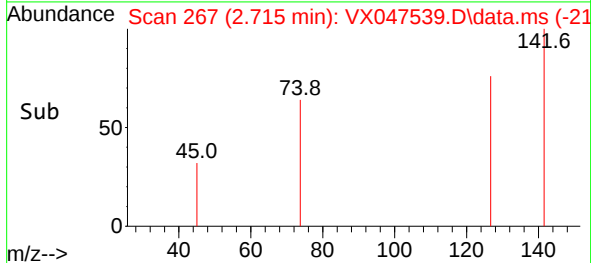
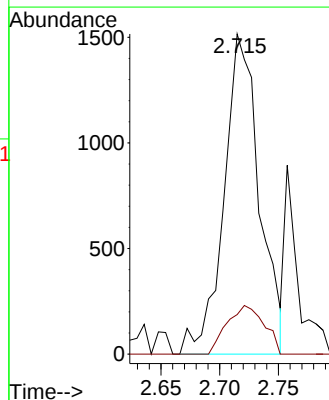
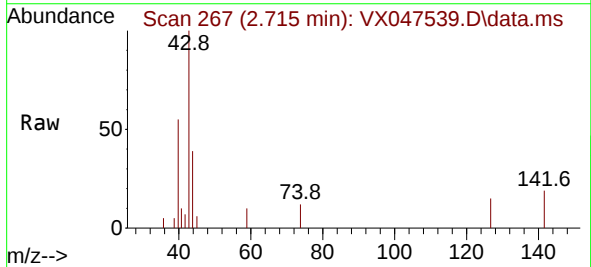
Instrument :
MSVOA_X
ClientSampleId :
MW3DL

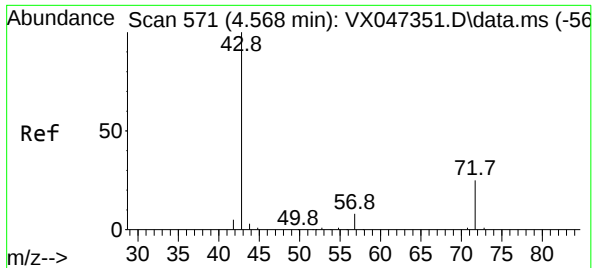
Tgt Ion: 43 Resp: 147811
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2



#18
Methyl Acetate
Concen: 1.245 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 43 Resp: 3176
Ion Ratio Lower Upper
43 100
74 16.0 18.4 27.6#

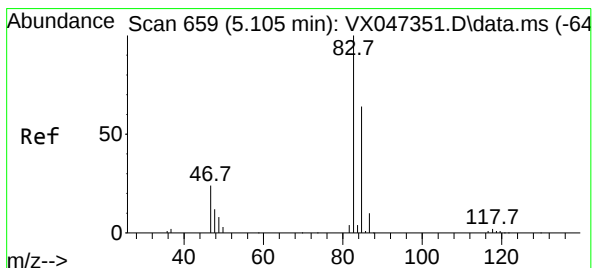
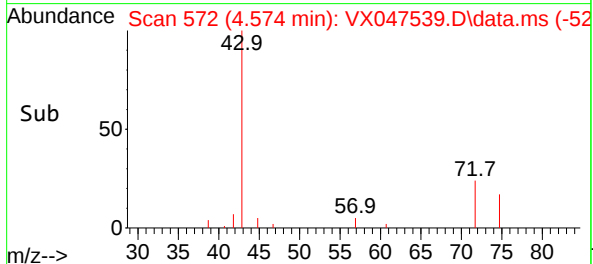
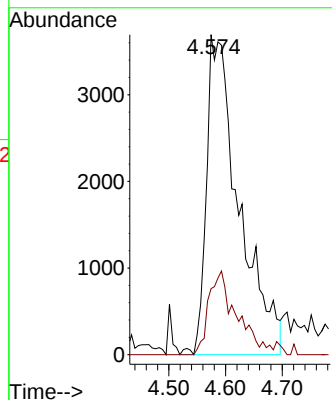
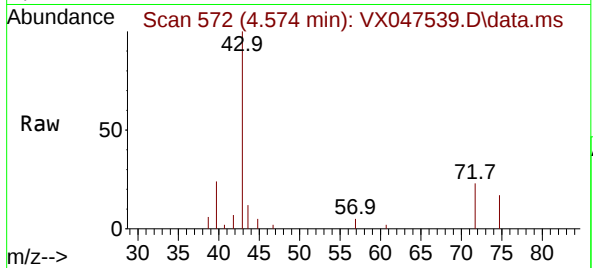




#25
2-Butanone
Concen: 11.377 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

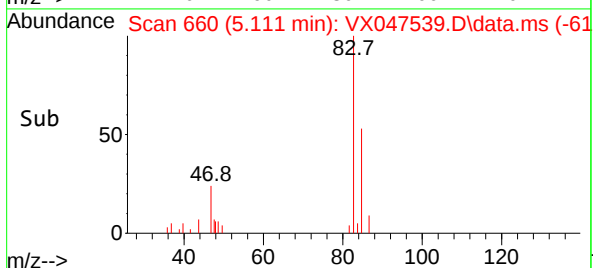
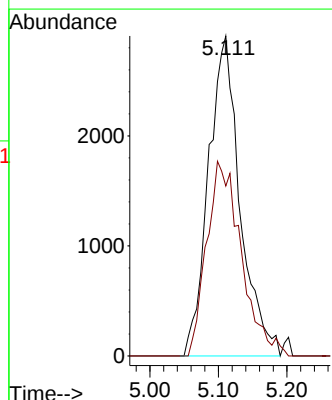
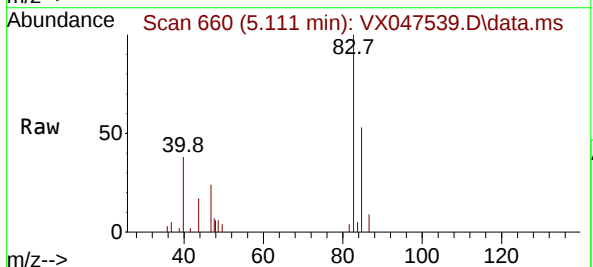
Instrument :
MSVOA_X
ClientSampleId :
MW3DL

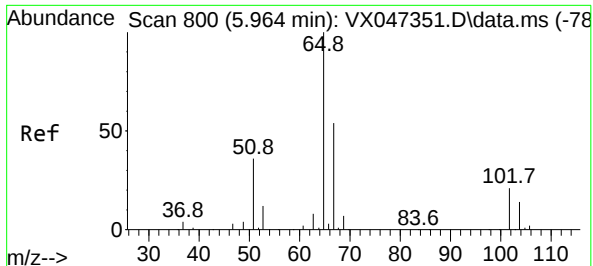
Tgt Ion: 43 Resp: 14672
Ion Ratio Lower Upper
43 100
72 20.7 19.8 29.8



#30
Chloroform
Concen: 1.998 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 83 Resp: 9325
Ion Ratio Lower Upper
83 100
85 53.1 51.2 76.8

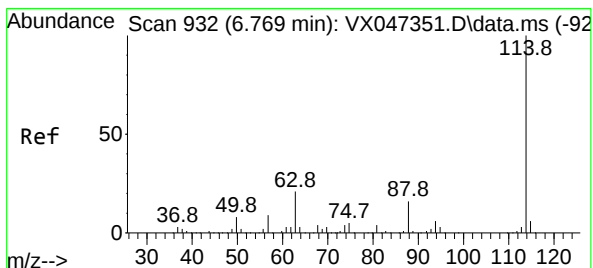
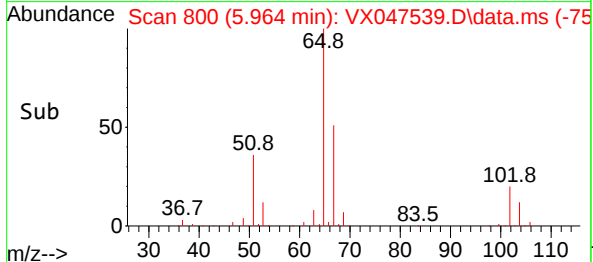
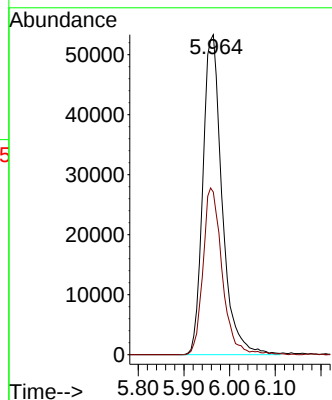
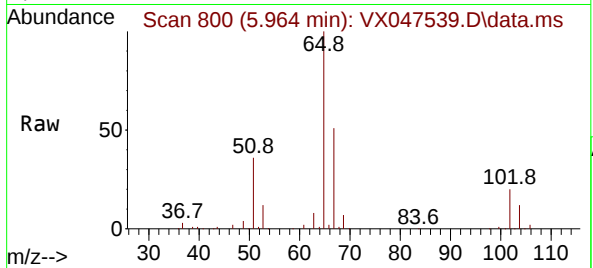




#33
1,2-Dichloroethane-d4
Concen: 59.483 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

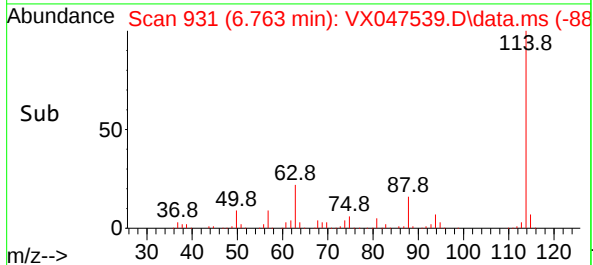
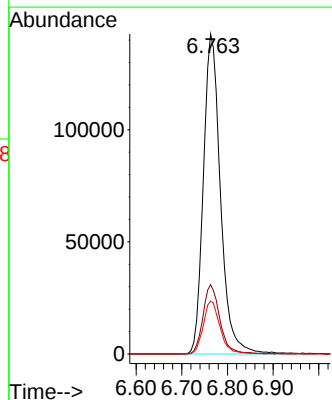
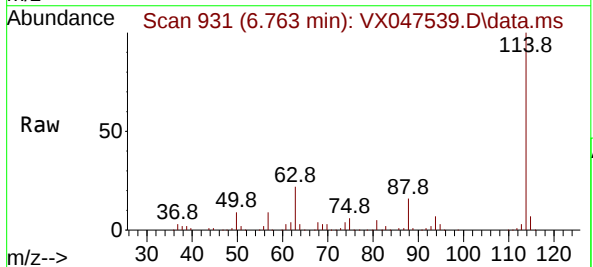
Instrument :
MSVOA_X
ClientSampleId :
MW3DL

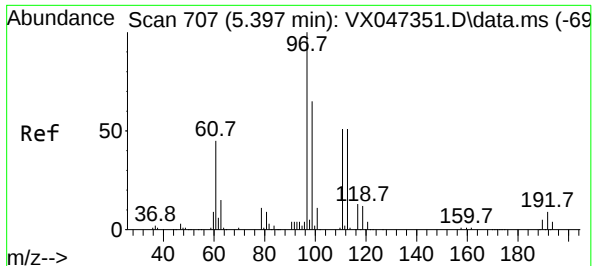
Tgt Ion: 65 Resp: 155823
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 114 Resp: 371185
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 16.5 0.0 33.0

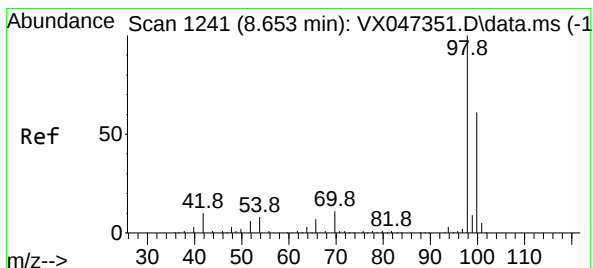
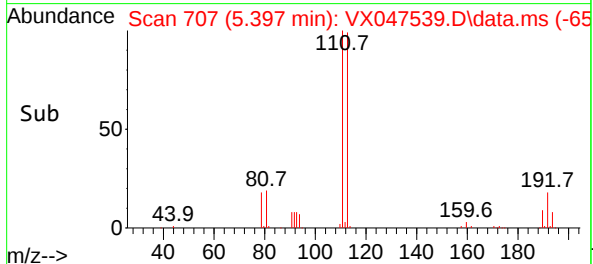
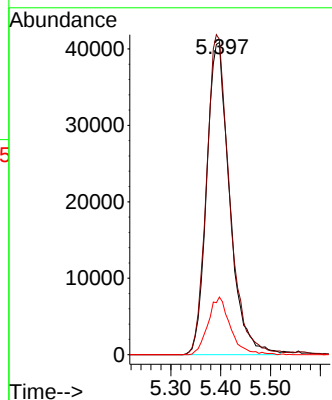
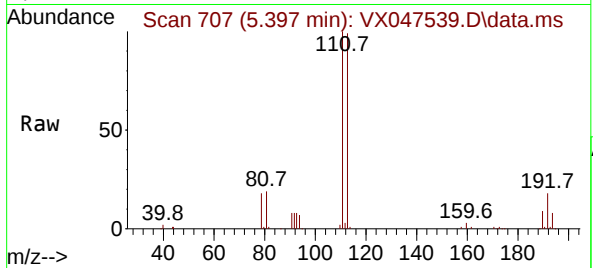




#35
Dibromofluoromethane
Concen: 54.207 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

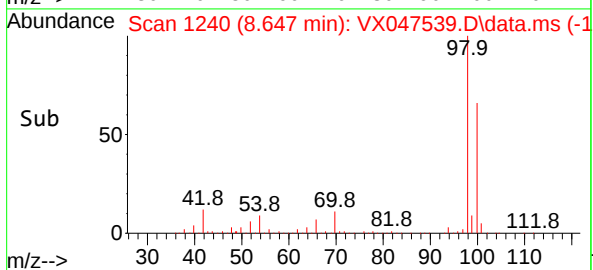
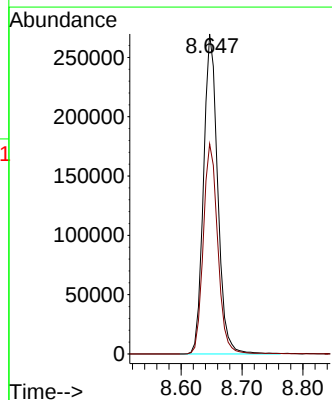
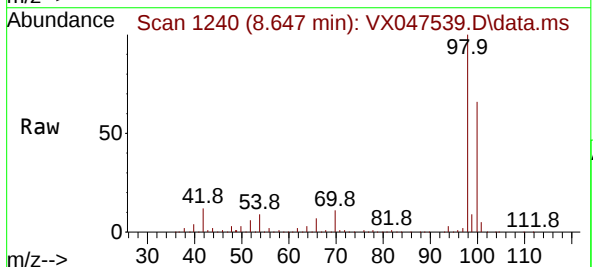
Instrument :
MSVOA_X
ClientSampleId :
MW3DL

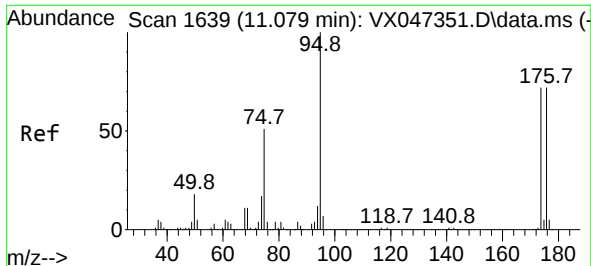
Tgt Ion:113 Resp: 130586
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 18.0 14.1 21.1



#50
Toluene-d8
Concen: 50.683 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 98 Resp: 436410
Ion Ratio Lower Upper
98 100
100 67.1 53.9 80.9

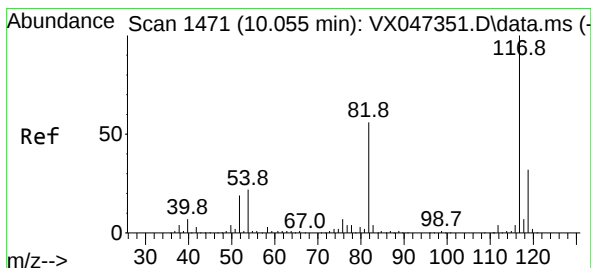
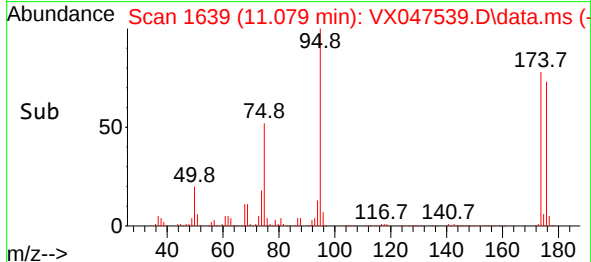
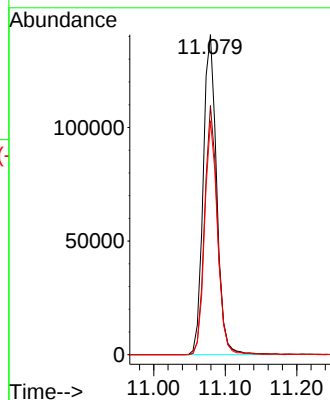
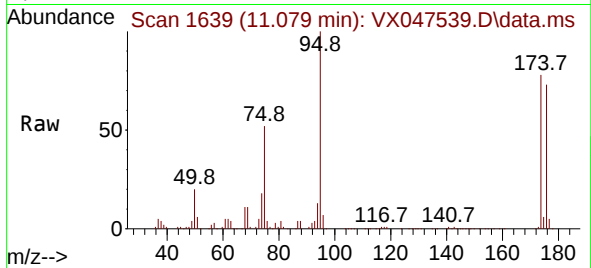




#62
4-Bromofluorobenzene
Concen: 58.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

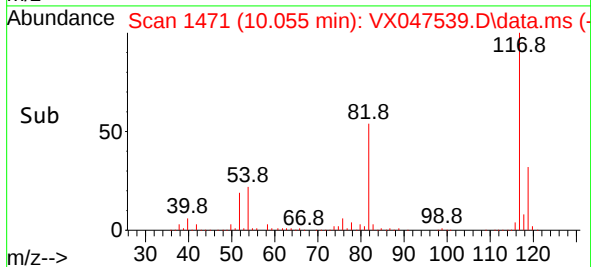
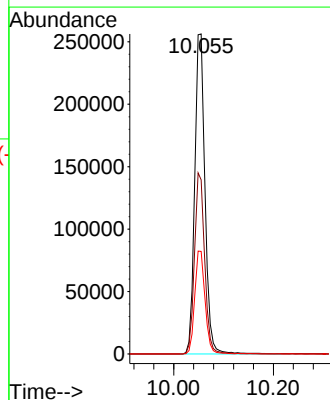
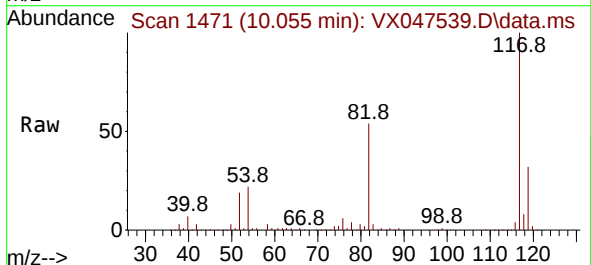
Instrument :
MSVOA_X
ClientSampleId :
MW3DL

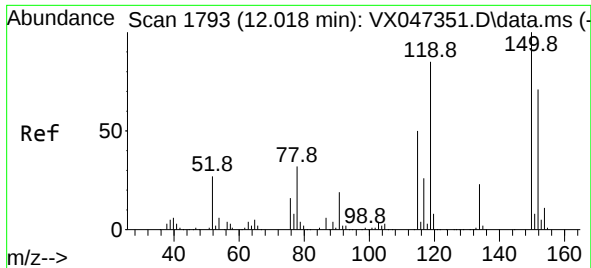
Tgt Ion: 95 Resp: 184372
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.0
176 70.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047539.D
Acq: 27 Aug 2025 14:44

Tgt Ion: 117 Resp: 366426
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.1 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047539.D
 Acq: 27 Aug 2025 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3DL

Tgt Ion:152 Resp: 181024
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.6 133.8
 150 159.4 0.0 349.8

