

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048076.D
 Acq On : 09 Oct 2025 11:29
 Operator : JC/MD
 Sample : Q3318-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3436

Quant Time: Oct 10 01:19:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

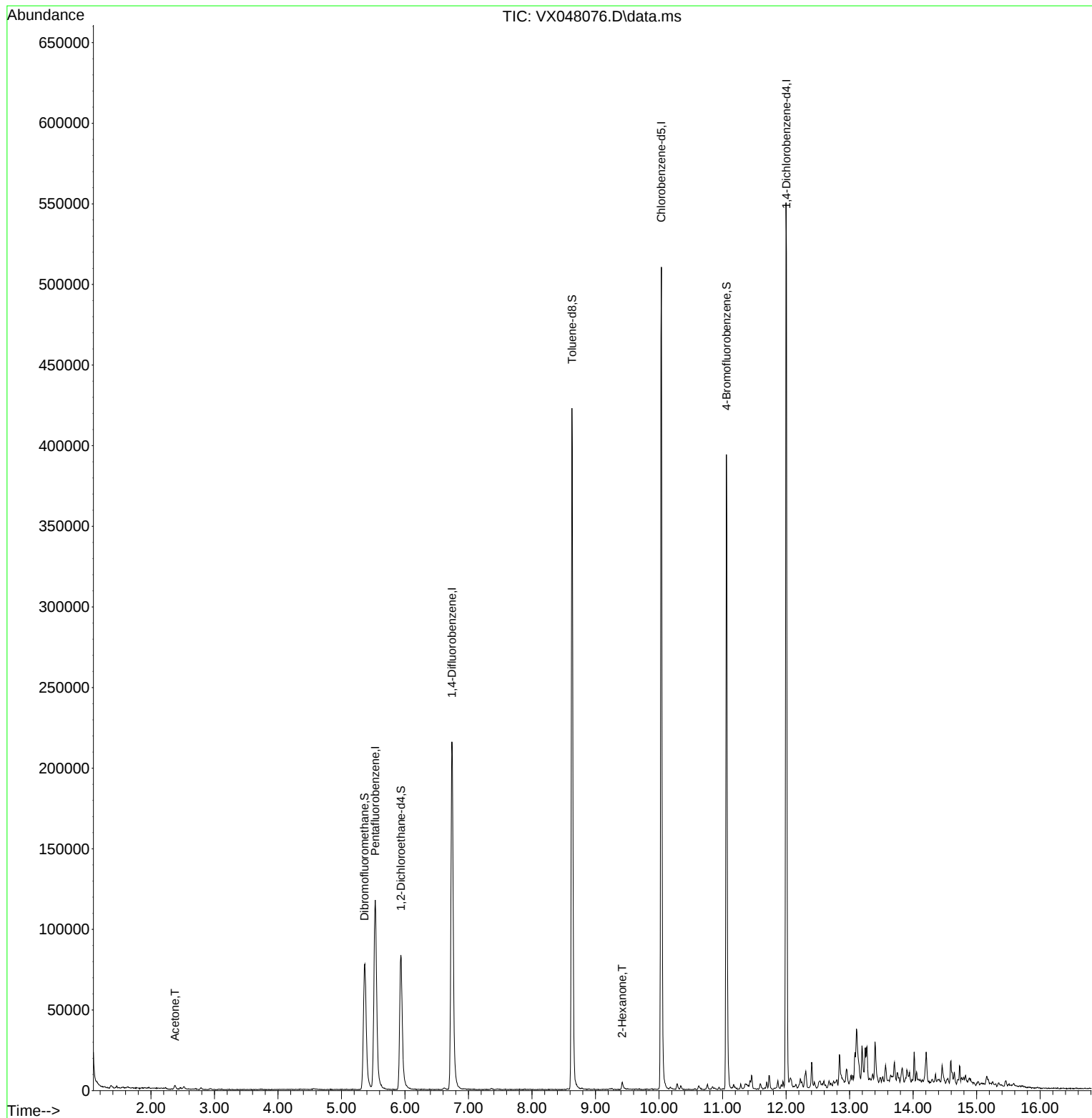
Internal Standards						
1) Pentafluorobenzene	5.531	168	117573	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	234000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	92254	49.295	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.600%
35) Dibromofluoromethane	5.361	113	76915	49.011	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.628	98	262180	48.282	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.061	95	111449	54.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.160%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3214	3.950	ug/l #	85
59) 2-Hexanone	9.421	43	3447	2.150	ug/l	99

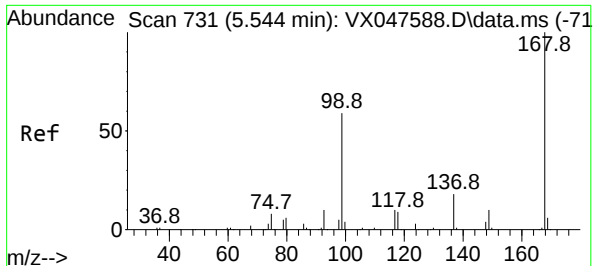
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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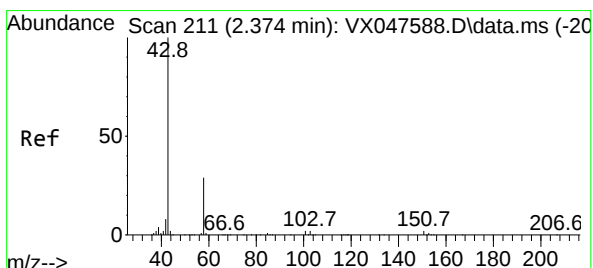
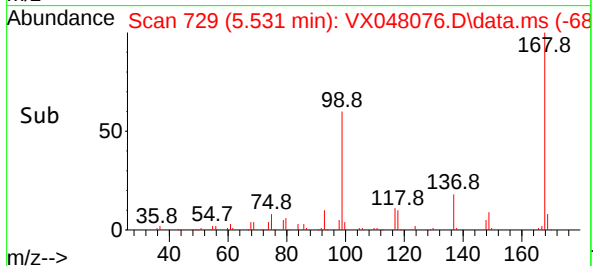
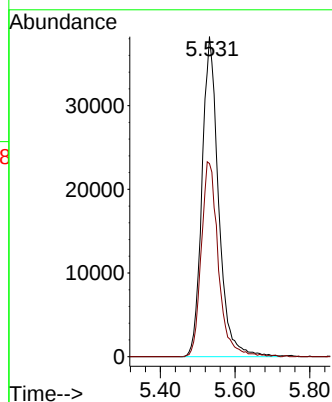
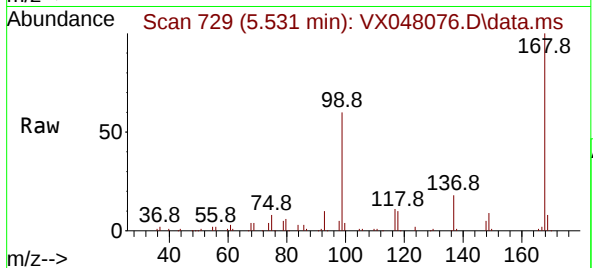




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048076.D
Acq: 09 Oct 2025 11:29

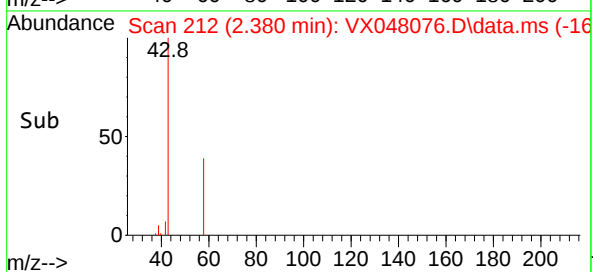
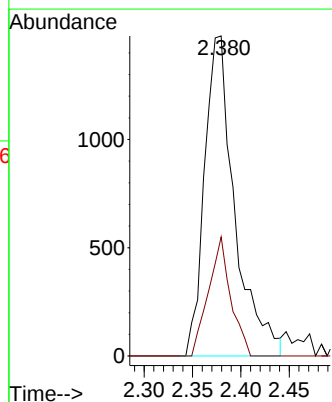
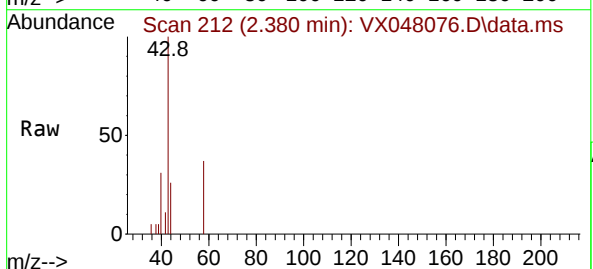
Instrument :
MSVOA_X
ClientSampleId :
3436

Tgt Ion:168 Resp: 117573
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#16
Acetone
Concen: 3.950 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048076.D
Acq: 09 Oct 2025 11:29

Tgt Ion: 43 Resp: 3214
Ion Ratio Lower Upper
43 100
58 37.2 23.4 35.0#

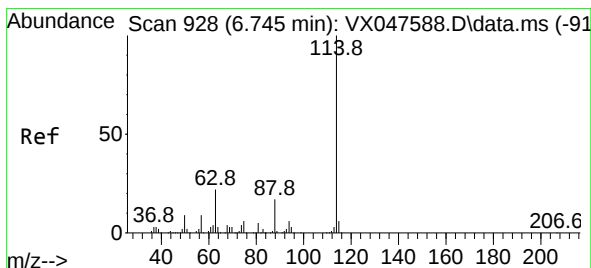
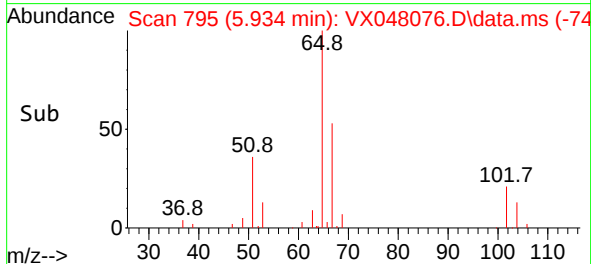
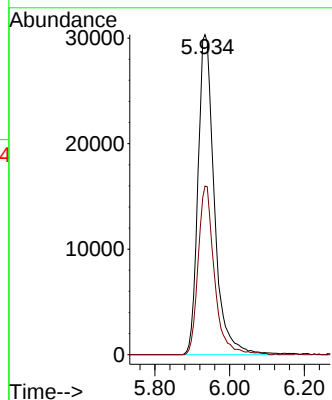
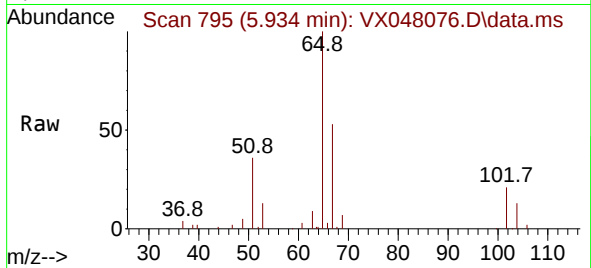




#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048076.D
 Acq: 09 Oct 2025 11:29

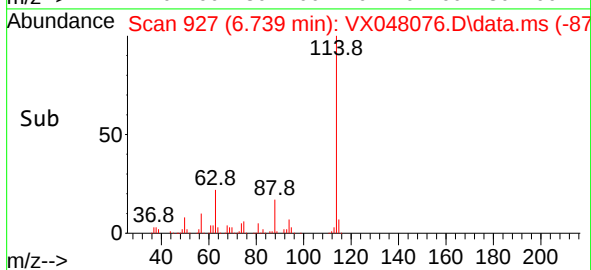
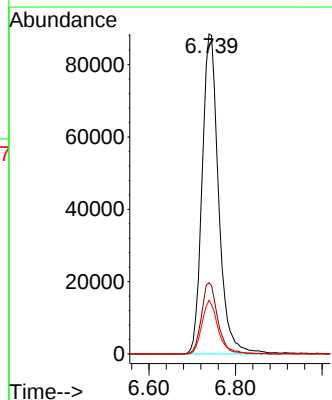
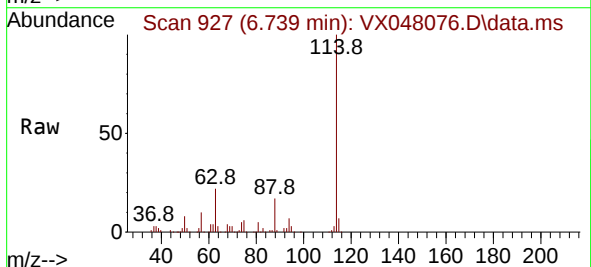
Instrument :
 MSVOA_X
 ClientSampleId :
 3436

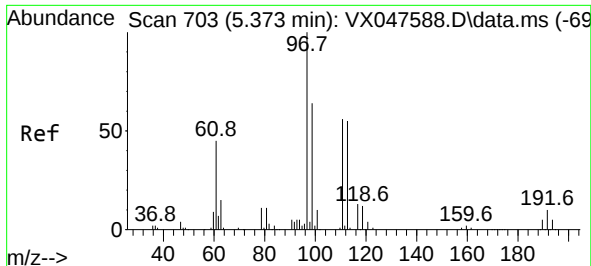
Tgt Ion: 65 Resp: 92254
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048076.D
 Acq: 09 Oct 2025 11:29

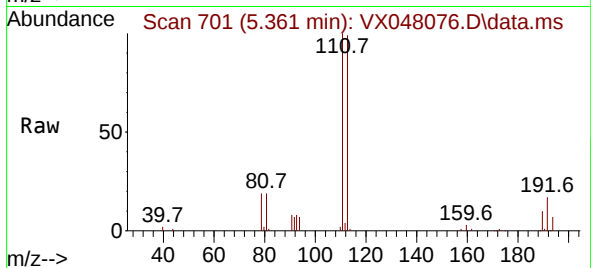
Tgt Ion: 114 Resp: 234000
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.0
 88 16.7 0.0 34.2



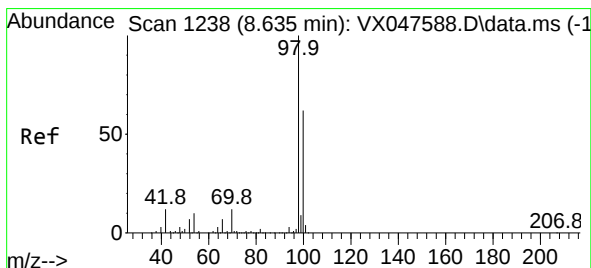
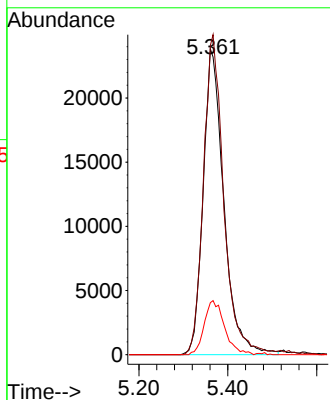
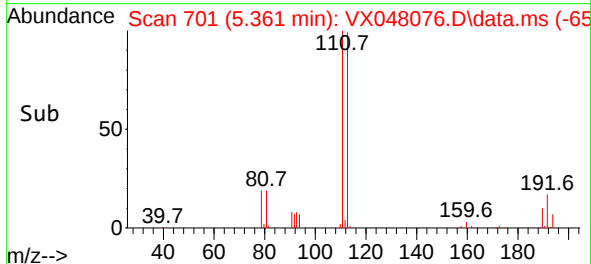


#35
Dibromofluoromethane
Concen: 49.011 ug/l
RT: 5.361 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX048076.D
Acq: 09 Oct 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
3436

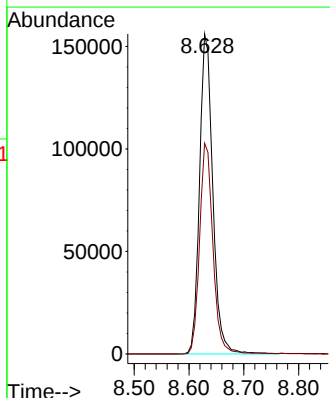
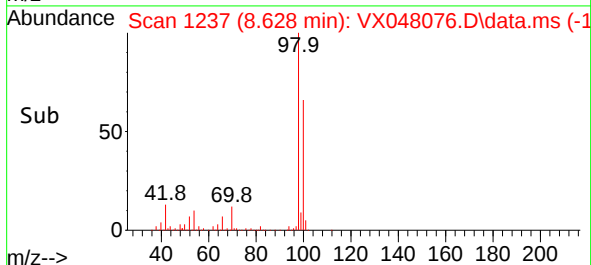
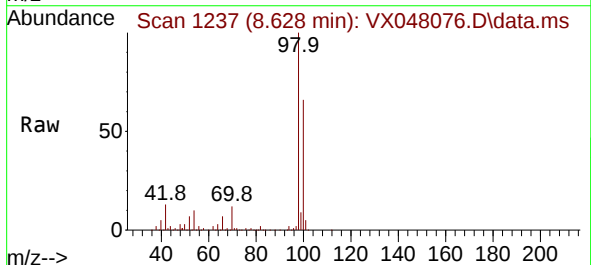


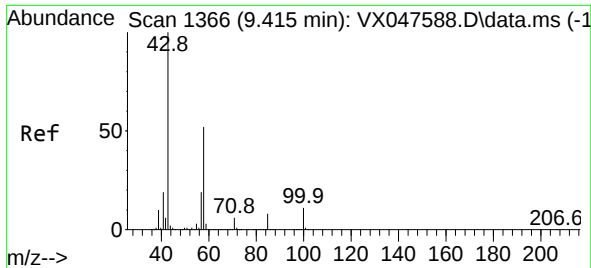
Tgt Ion:113 Resp: 76915
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.4 14.2 21.4



#50
Toluene-d8
Concen: 48.282 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048076.D
Acq: 09 Oct 2025 11:29

Tgt Ion: 98 Resp: 262180
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

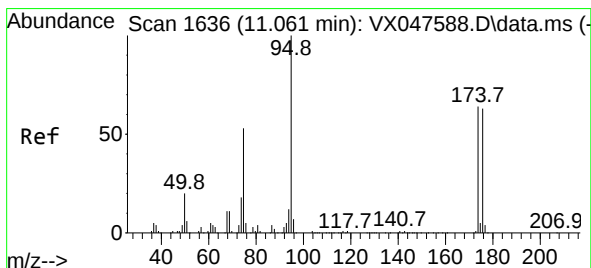
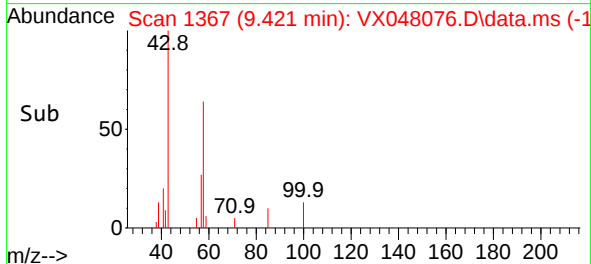
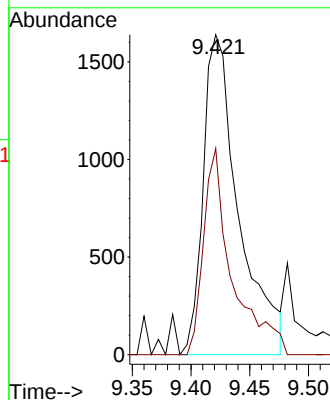
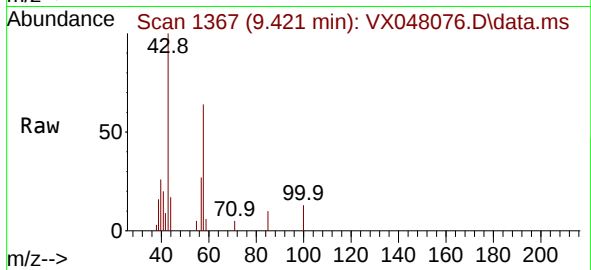




#59
2-Hexanone
Concen: 2.150 ug/l
RT: 9.421 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048076.D
Acq: 09 Oct 2025 11:29

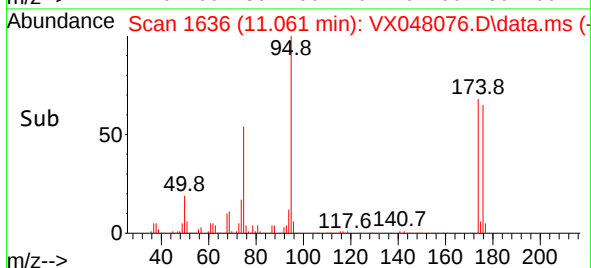
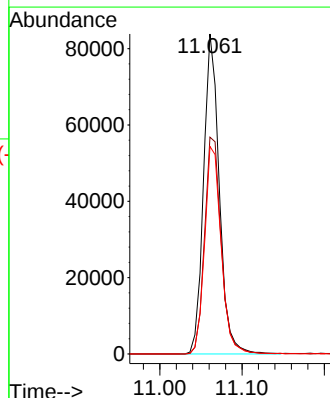
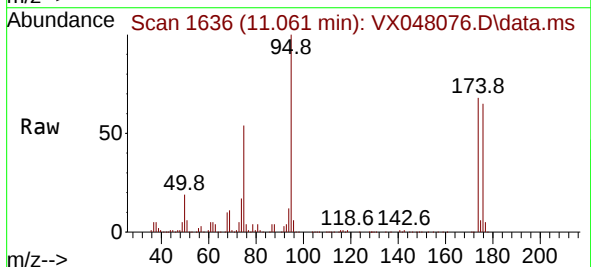
Instrument :
MSVOA_X
ClientSampleId :
3436

Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.2



#62
4-Bromofluorobenzene
Concen: 54.079 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048076.D
Acq: 09 Oct 2025 11:29

Tgt Ion: 95 Resp: 111449
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 68.4 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048076.D

Acq: 09 Oct 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

3436

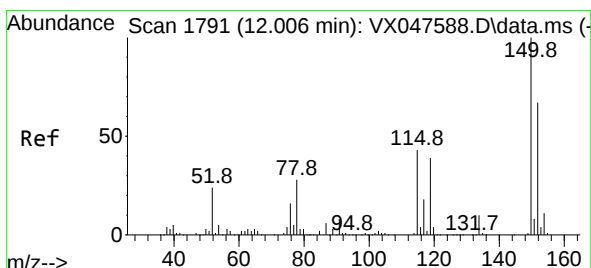
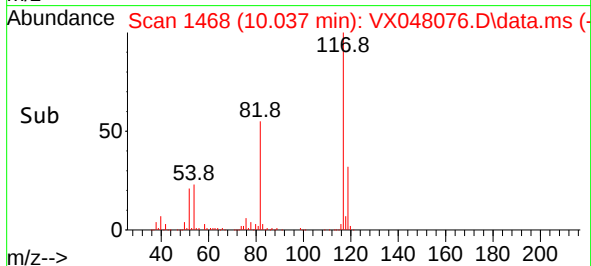
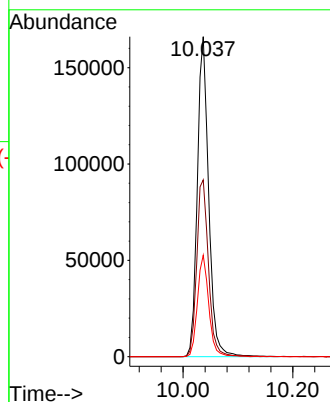
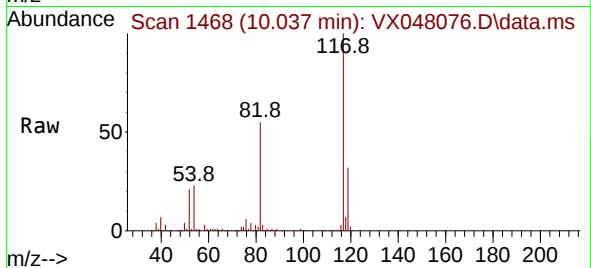
Tgt Ion:117 Resp: 239825

Ion Ratio Lower Upper

117 100

82 55.2 47.8 71.6

119 31.7 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048076.D

Acq: 09 Oct 2025 11:29

Tgt Ion:152 Resp: 117315

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 156.4 0.0 352.0

