

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048422.D
 Acq On : 31 Oct 2025 11:41
 Operator : JC/MD
 Sample : Q3500-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 462

Quant Time: Oct 31 23:02:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

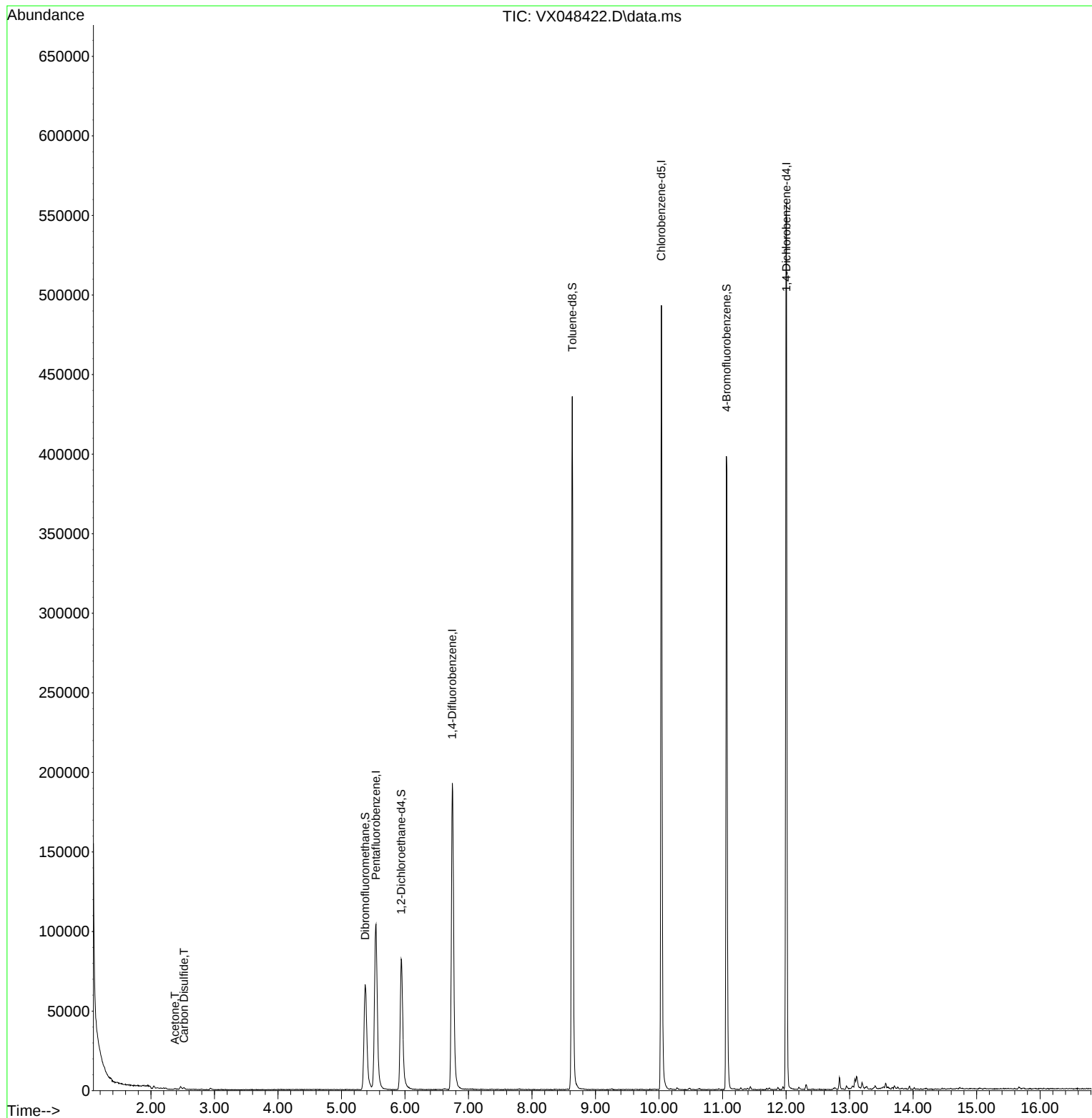
Internal Standards						
1) Pentafluorobenzene	5.544	168	108541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	217291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	234084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	91786	58.800	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.600%#	
35) Dibromofluoromethane	5.373	113	67116	54.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.360%	
50) Toluene-d8	8.634	98	275145	50.313	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	11.061	95	119135	58.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.480%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1091	3.084	ug/l #	87
17) Carbon Disulfide	2.520	76	1015	0.280	ug/l #	90

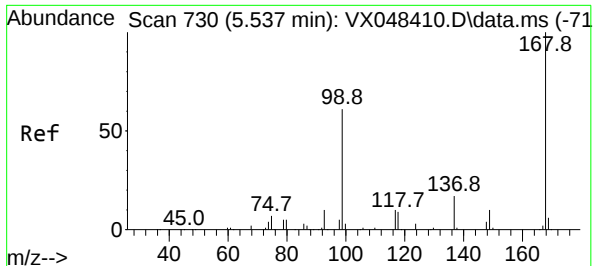
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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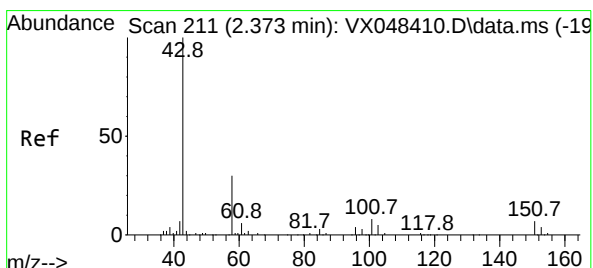
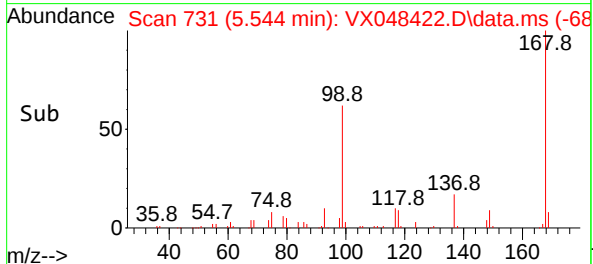
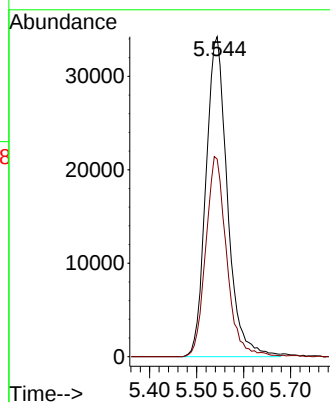
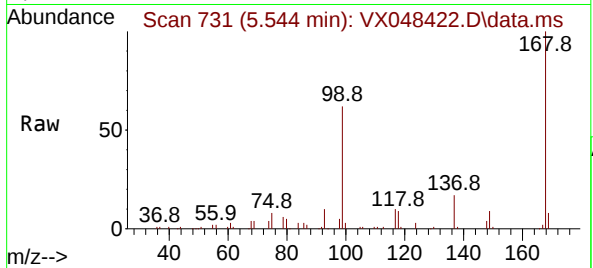




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048422.D
Acq: 31 Oct 2025 11:41

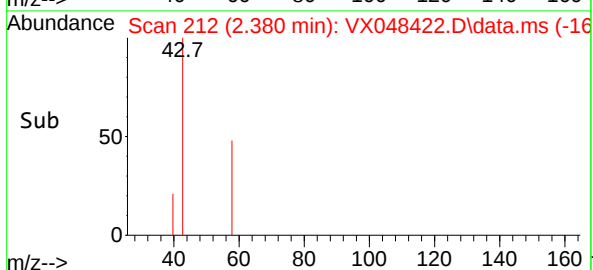
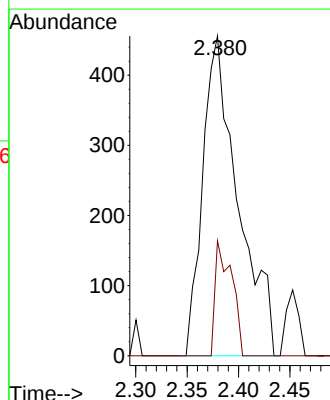
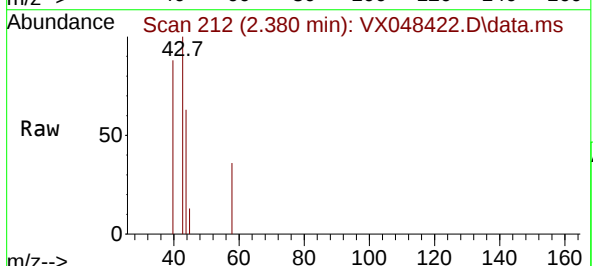
Instrument :
MSVOA_X
ClientSampleId :
462

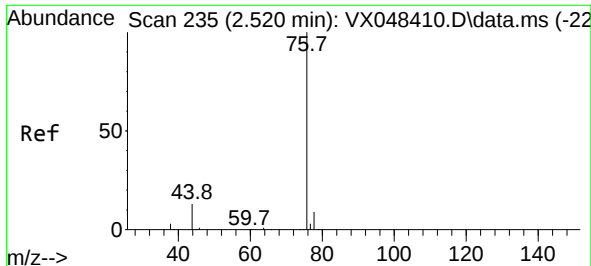
Tgt Ion:168 Resp: 108541
Ion Ratio Lower Upper
168 100
99 61.8 46.4 69.6



#16
Acetone
Concen: 3.084 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048422.D
Acq: 31 Oct 2025 11:41

Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
58 22.1 23.4 35.2#

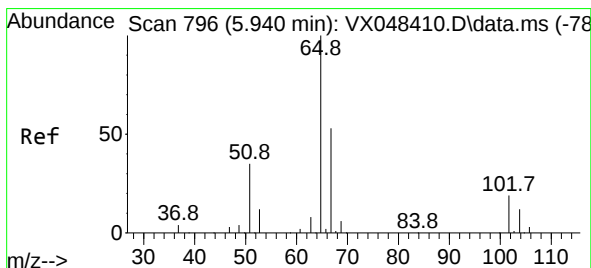
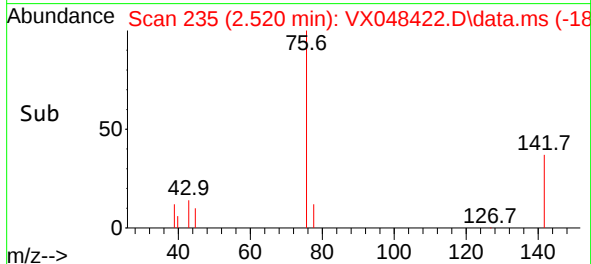
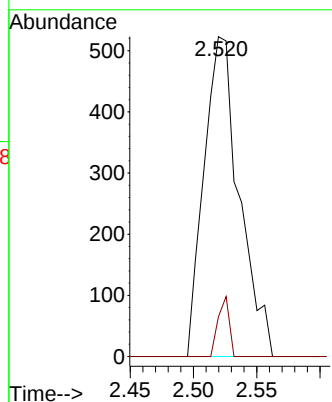
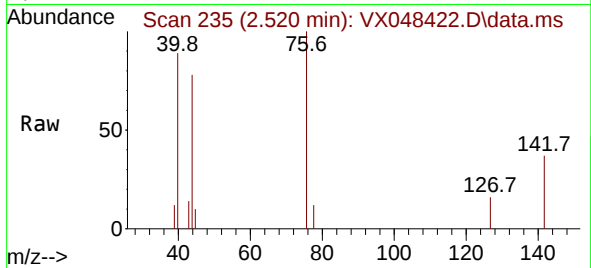




#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048422.D
Acq: 31 Oct 2025 11:41

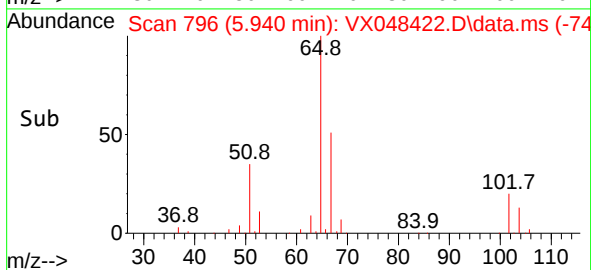
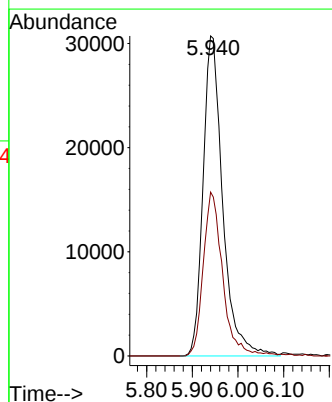
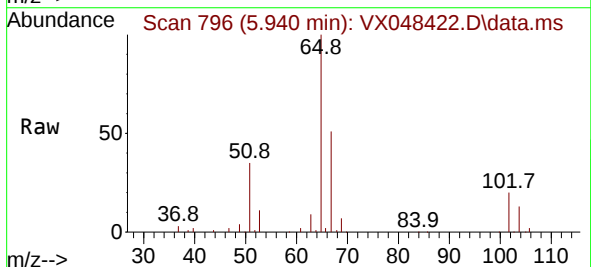
Instrument :
MSVOA_X
ClientSampleId :
462

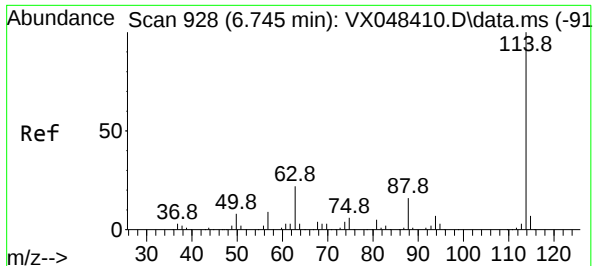
Tgt Ion: 76 Resp: 1015
Ion Ratio Lower Upper
76 100
78 12.4 7.1 10.7#



#33
1,2-Dichloroethane-d4
Concen: 58.800 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048422.D
Acq: 31 Oct 2025 11:41

Tgt Ion: 65 Resp: 91786
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0

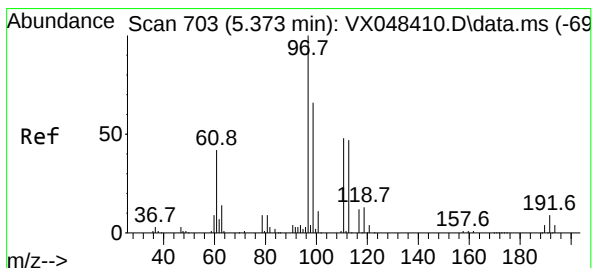
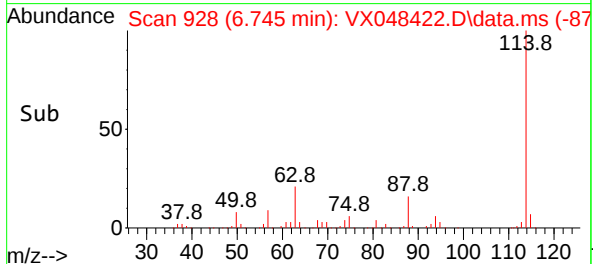
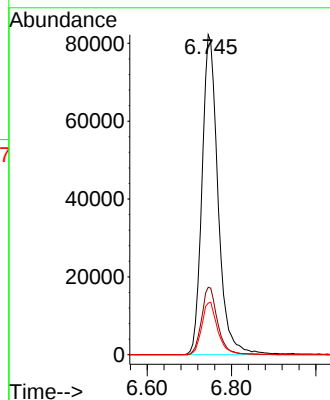
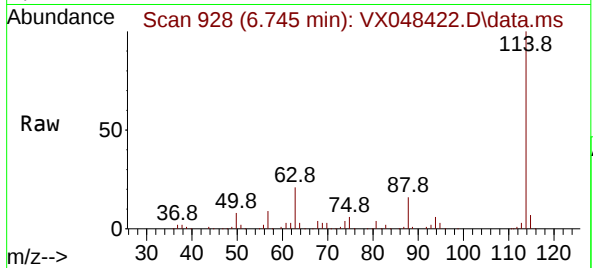




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX048422.D
 Acq: 31 Oct 2025 11:41

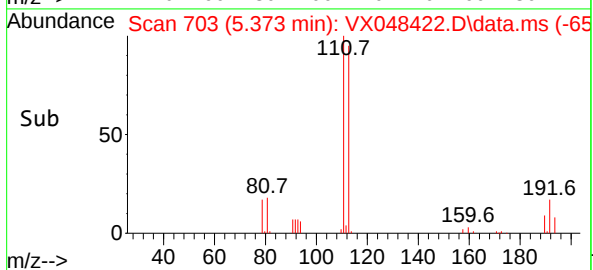
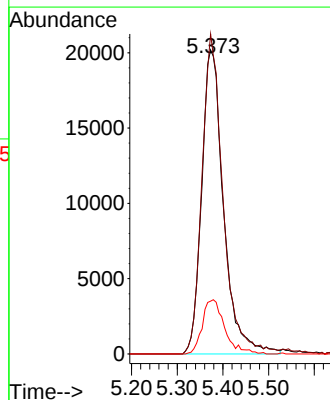
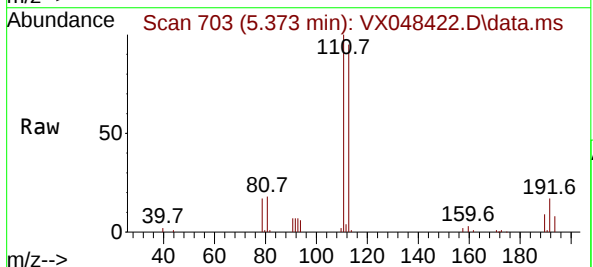
Instrument :
 MSVOA_X
 ClientSampleId :
 462

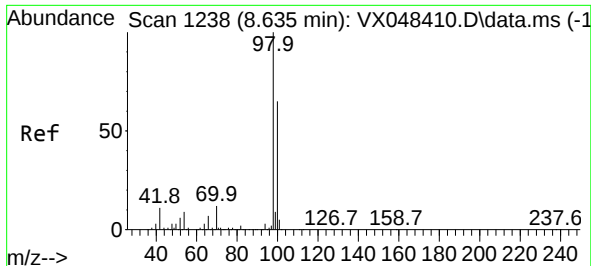
Tgt Ion:114 Resp: 217291
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 16.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 54.176 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.000 min
 Lab File: VX048422.D
 Acq: 31 Oct 2025 11:41

Tgt Ion:113 Resp: 67116
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 18.2 15.1 22.7

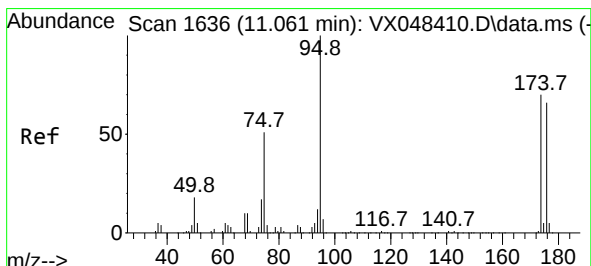
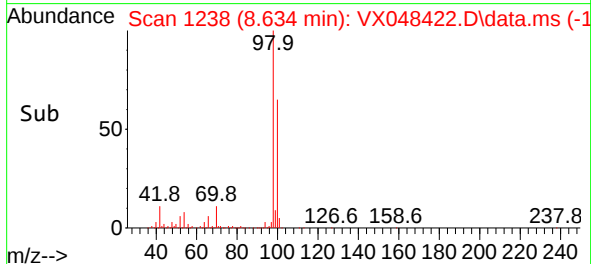
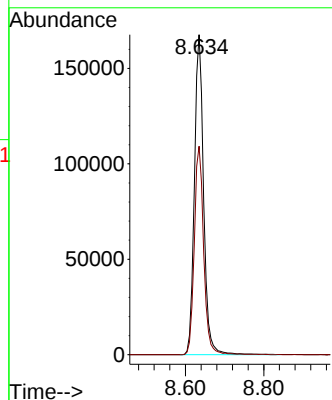
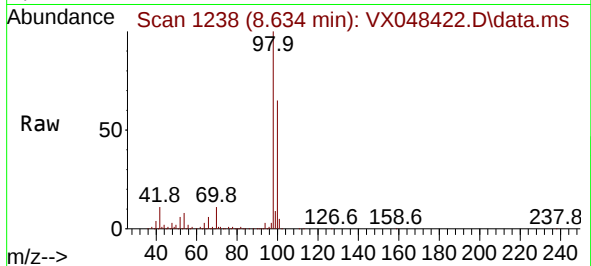




#50
Toluene-d8
Concen: 50.313 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048422.D
Acq: 31 Oct 2025 11:41

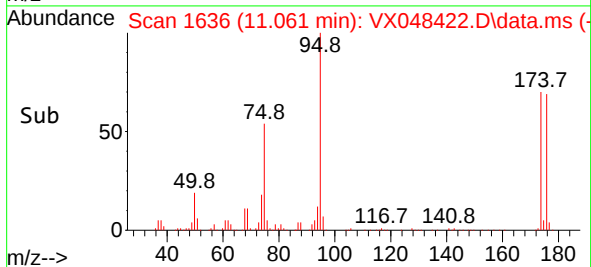
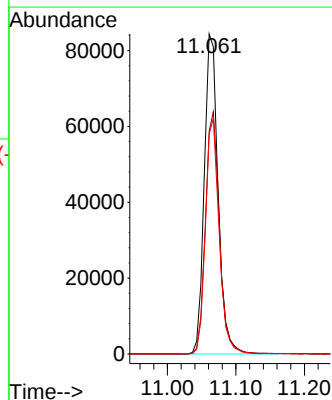
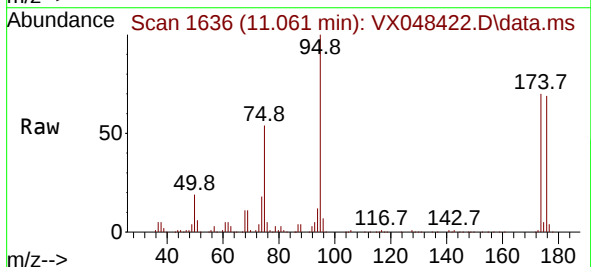
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ClientSampleId :
462

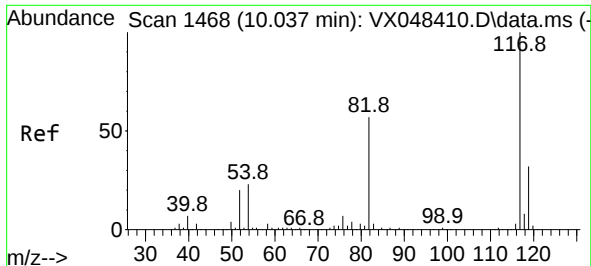
Tgt Ion: 98 Resp: 275145
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.237 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048422.D
Acq: 31 Oct 2025 11:41

Tgt Ion: 95 Resp: 119135
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.8
176 72.9 0.0 142.8

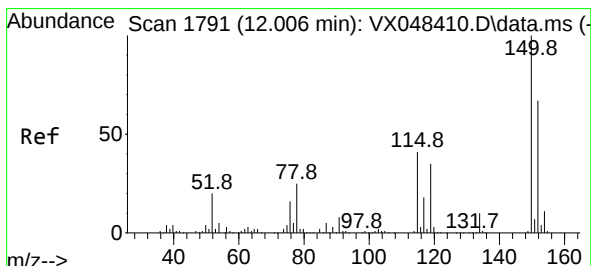
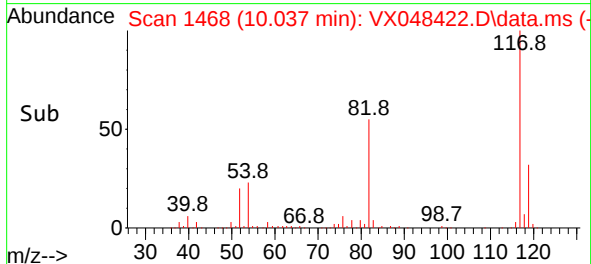
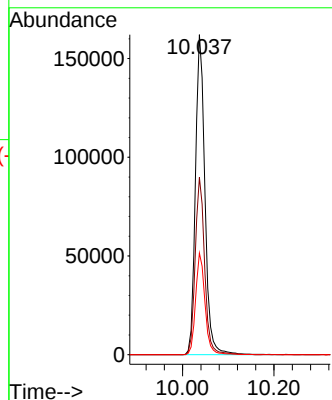
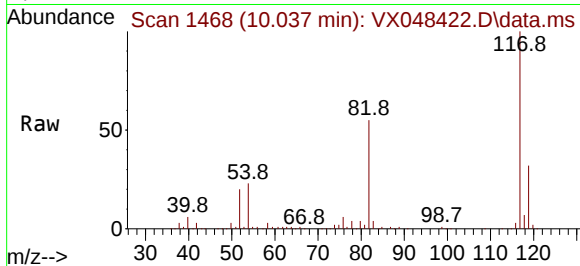




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VX048422.D
Acq: 31 Oct 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
462

Tgt Ion:117 Resp: 234084
Ion Ratio Lower Upper
117 100
82 55.4 46.5 69.7
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048422.D
Acq: 31 Oct 2025 11:41

Tgt Ion:152 Resp: 122778
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 155.6 0.0 353.0

