

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048637.D
 Acq On : 20 Nov 2025 15:15
 Operator : JC/MD
 Sample : Q3685-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4197

Quant Time: Nov 21 00:33:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

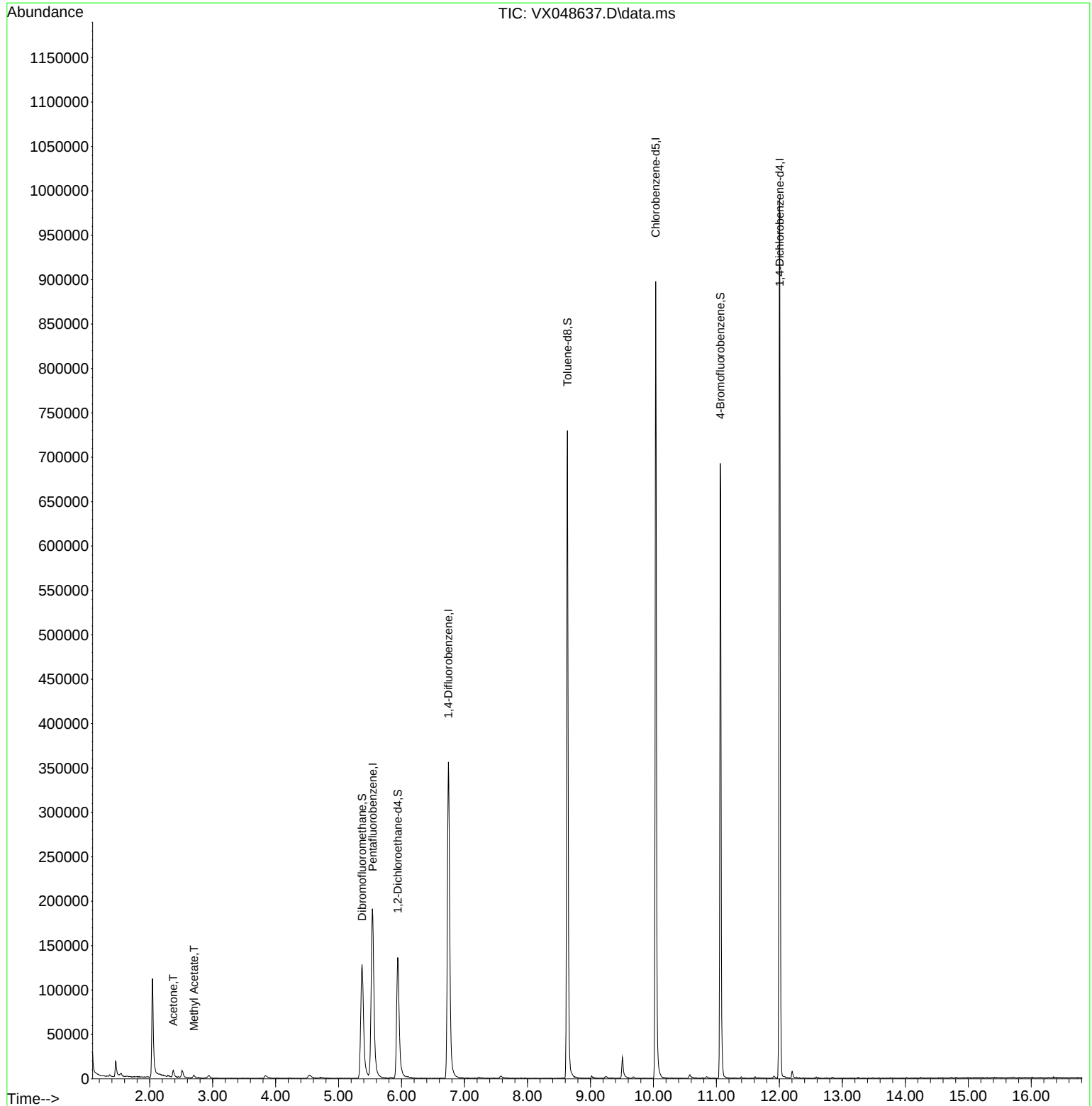
Internal Standards						
1) Pentafluorobenzene	5.544	168	196012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	396369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	414483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	221674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	150052	54.938	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.880%
35) Dibromofluoromethane	5.373	113	127877	42.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.260%
50) Toluene-d8	8.635	98	459872	49.150	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.061	95	195739	56.137	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.280%
Target Compounds						
16) Acetone	2.374	43	10130	7.835	ug/l	92
18) Methyl Acetate	2.703	43	4349	1.224	ug/l #	86

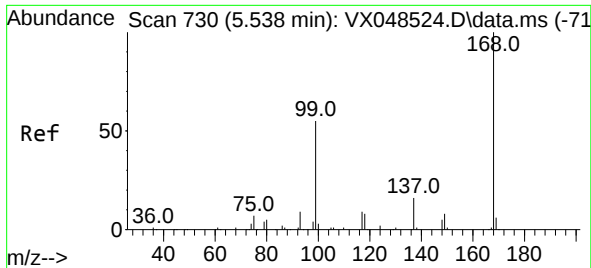
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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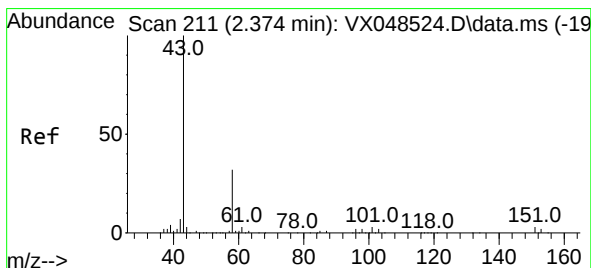
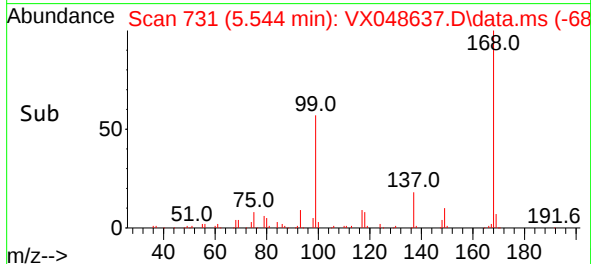
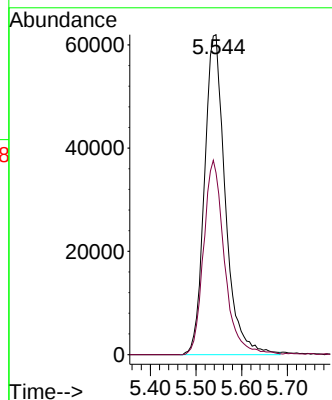
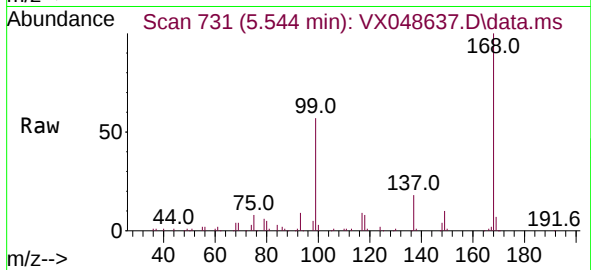




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

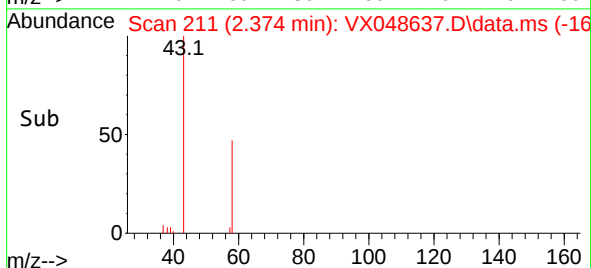
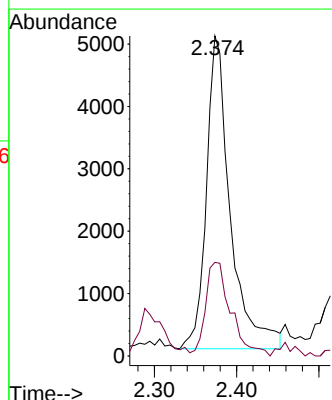
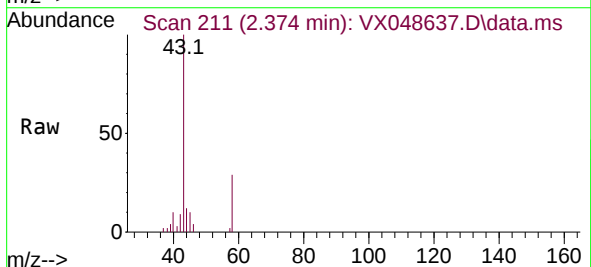
Instrument :
MSVOA_X
ClientSampleId :
4197

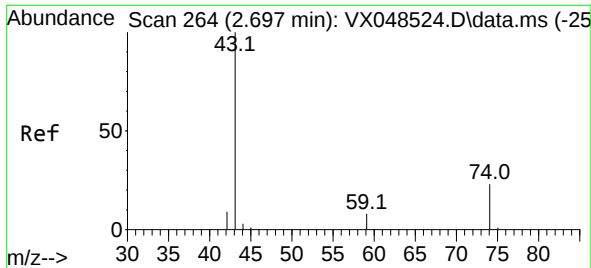
Tgt Ion:168 Resp: 196012
Ion Ratio Lower Upper
168 100
99 56.8 45.2 67.8



#16
Acetone
Concen: 7.835 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

Tgt Ion: 43 Resp: 10130
Ion Ratio Lower Upper
43 100
58 27.9 25.8 38.6

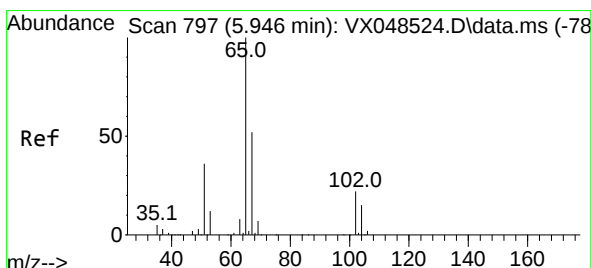
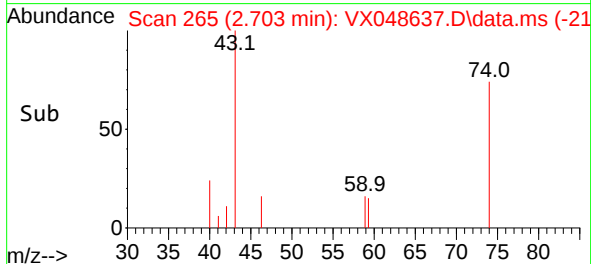
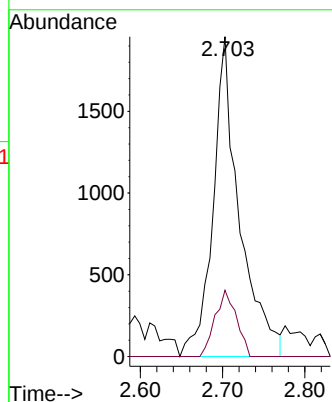
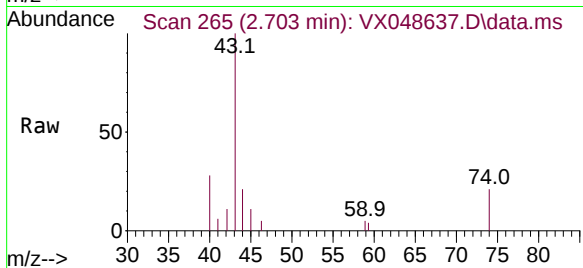




#18
Methyl Acetate
Concen: 1.224 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

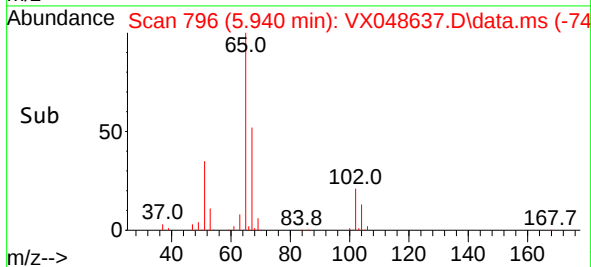
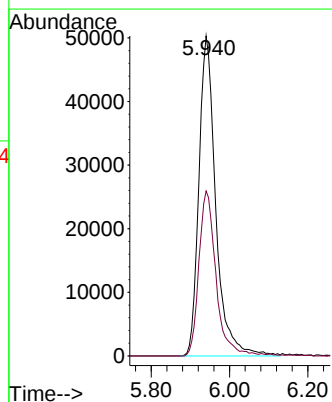
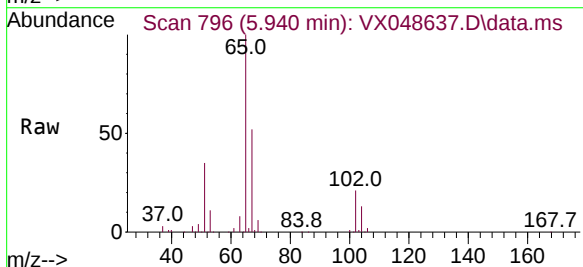
Instrument :
MSVOA_X
ClientSampleId :
4197

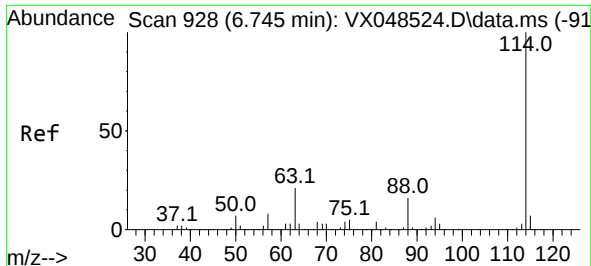
Tgt Ion: 43 Resp: 4349
Ion Ratio Lower Upper
43 100
74 16.8 19.1 28.7#



#33
1,2-Dichloroethane-d4
Concen: 54.938 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

Tgt Ion: 65 Resp: 150052
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2

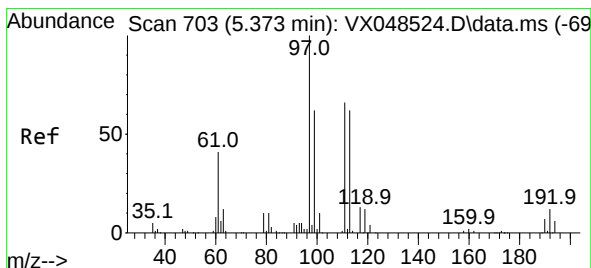
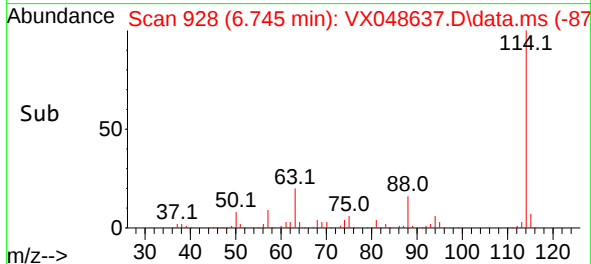
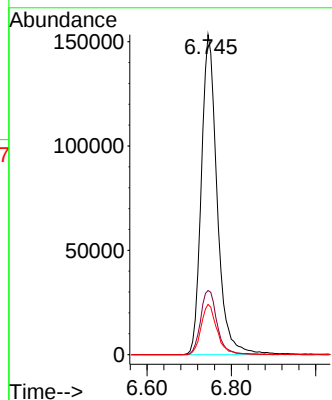
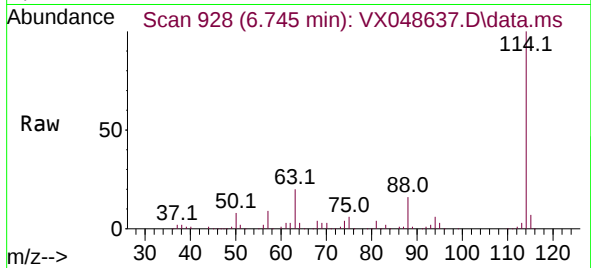




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

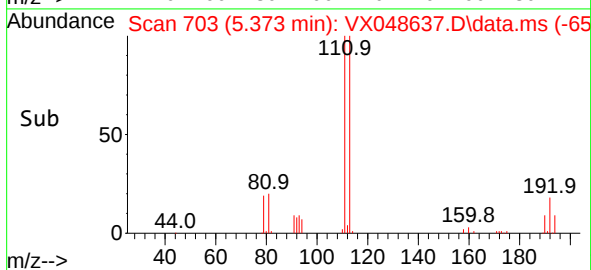
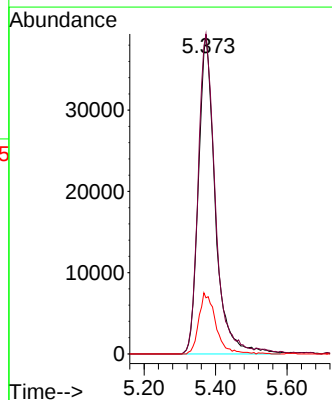
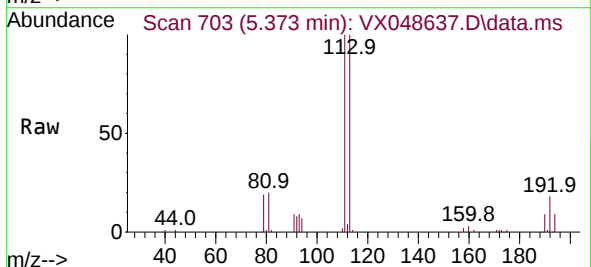
Instrument :
MSVOA_X
ClientSampleId :
4197

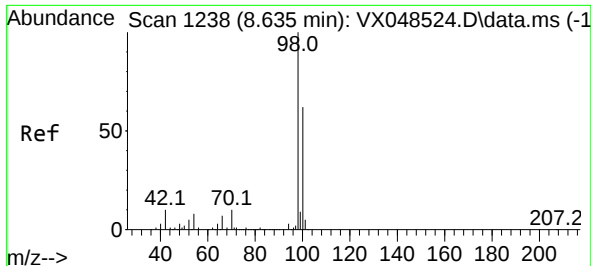
Tgt Ion:114 Resp: 396369
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.2
88 15.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 42.626 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

Tgt Ion:113 Resp: 127877
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.3 15.8 23.6

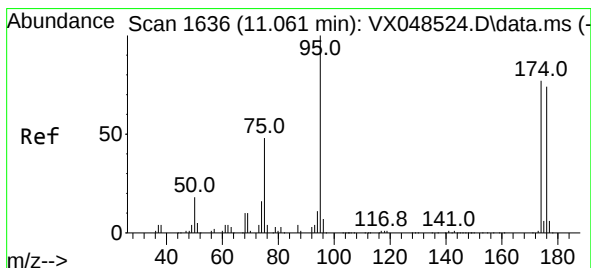
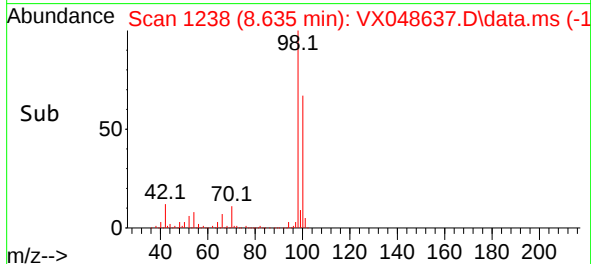
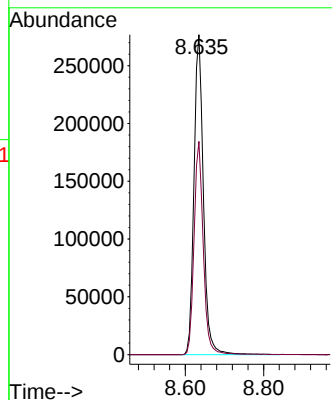
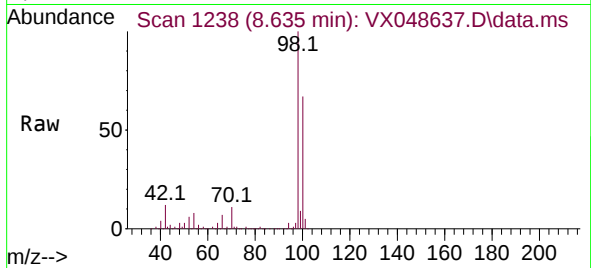




#50
Toluene-d8
Concen: 49.150 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

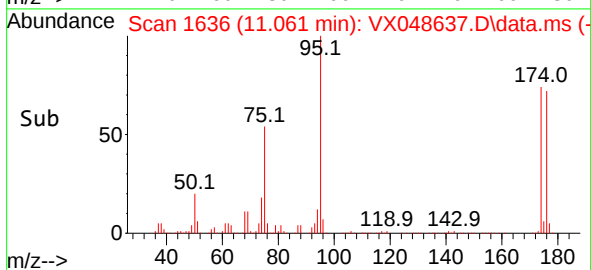
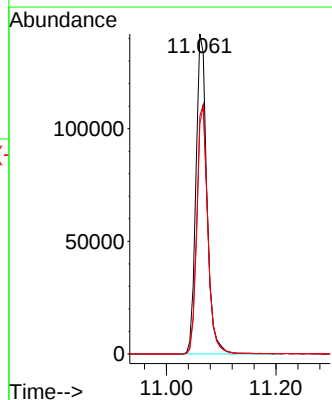
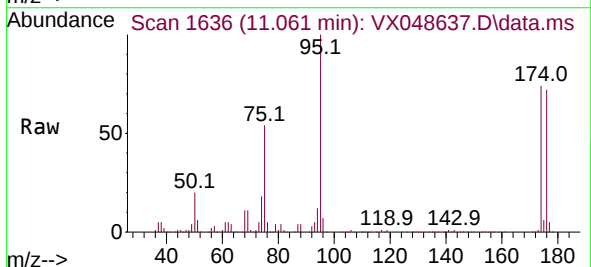
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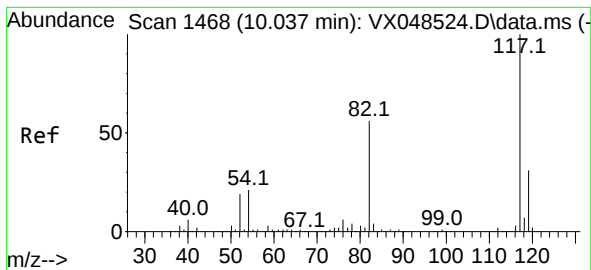
Tgt Ion: 98 Resp: 459872
Ion Ratio Lower Upper
98 100
100 65.1 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 56.137 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

Tgt Ion: 95 Resp: 195739
Ion Ratio Lower Upper
95 100
174 78.7 0.0 161.8
176 76.8 0.0 153.6

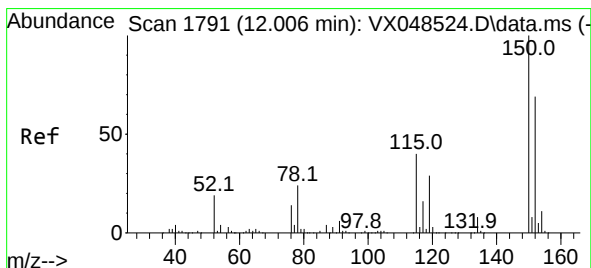
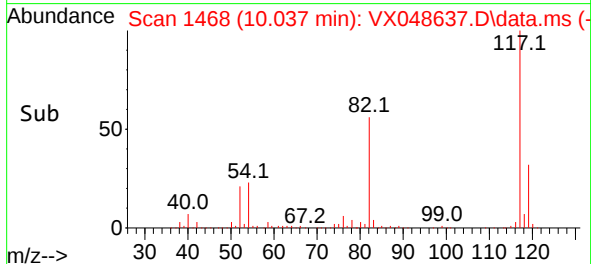
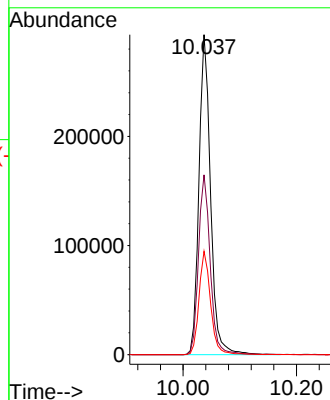
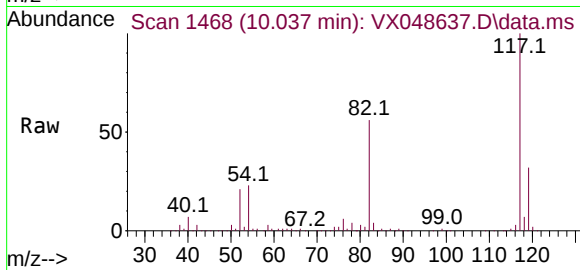




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
4197

Tgt Ion:117 Resp: 414483
Ion Ratio Lower Upper
117 100
82 56.2 44.4 66.6
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048637.D
Acq: 20 Nov 2025 15:15

Tgt Ion:152 Resp: 221674
Ion Ratio Lower Upper
152 100
115 58.5 39.2 117.6
150 155.2 0.0 347.0

