

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048277.D
 Acq On : 21 Oct 2025 17:48
 Operator : JC/MD
 Sample : Q3376-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR132-FB01-20251016

Quant Time: Oct 24 04:29:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

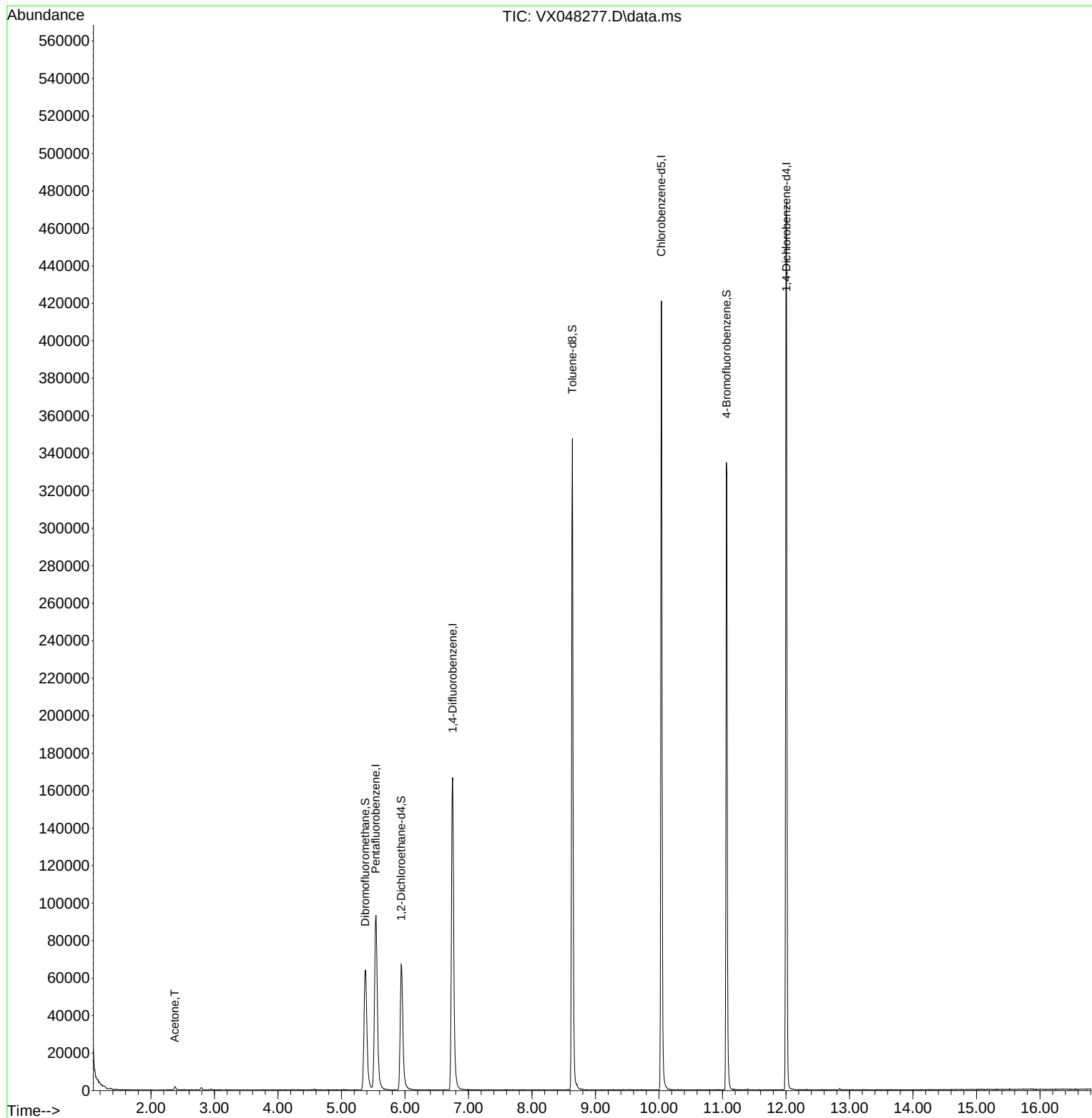
Internal Standards						
1) Pentafluorobenzene	5.538	168	95980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	184822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	196926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	78641	58.438	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.880%
35) Dibromofluoromethane	5.373	113	62781	49.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	8.635	98	212078	47.953	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.061	95	96027	57.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.140%
Target Compounds						
16) Acetone	2.374	43	2619	5.673	ug/l	Qvalue # 79

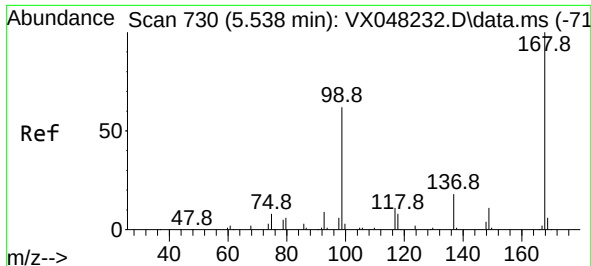
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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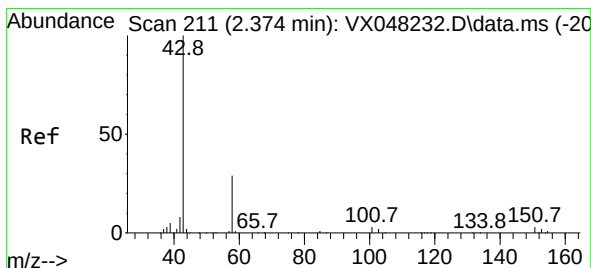
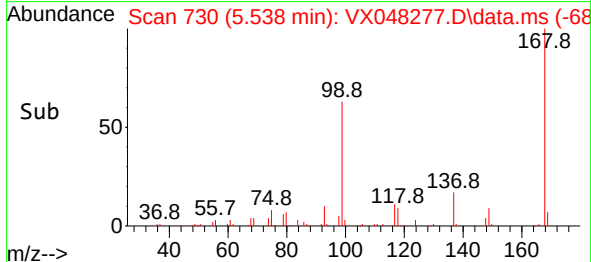
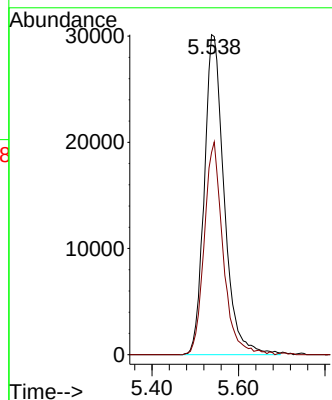
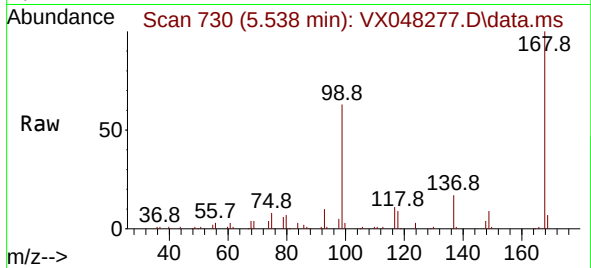




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

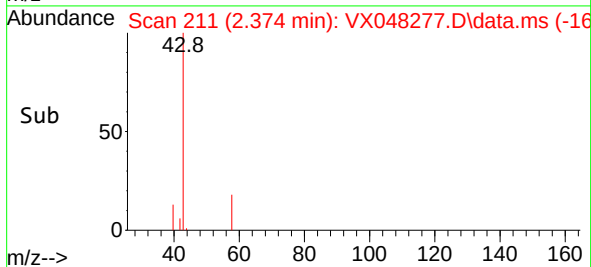
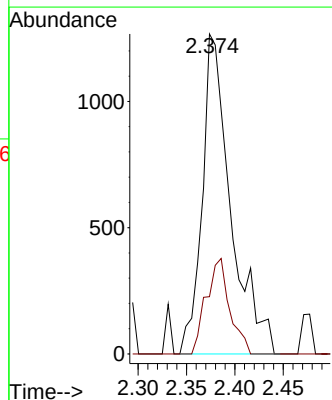
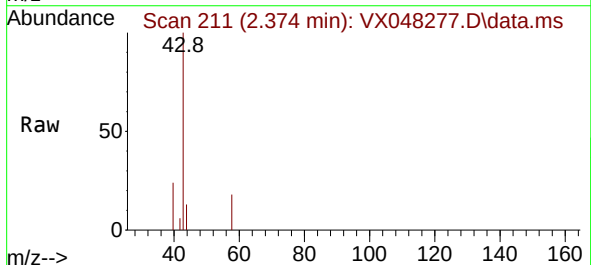
Instrument :
MSVOA_X
ClientSampleId :
PR132-FB01-20251016

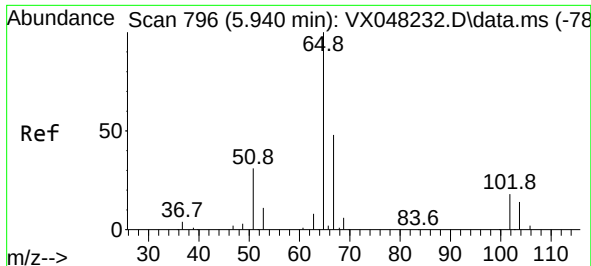
Tgt Ion:168 Resp: 95980
Ion Ratio Lower Upper
168 100
99 63.2 46.4 69.6



#16
Acetone
Concen: 5.673 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
58 17.9 23.4 35.2#

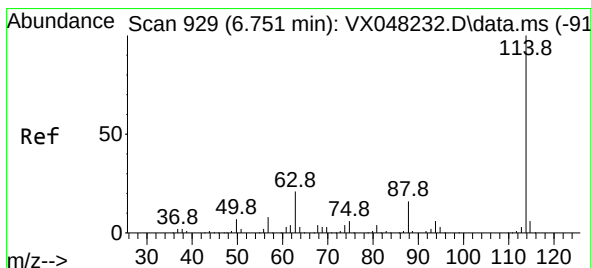
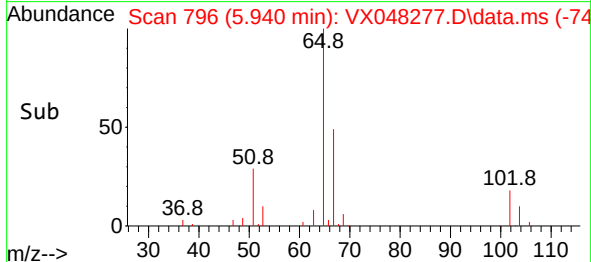
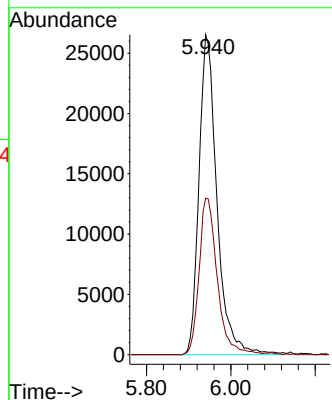
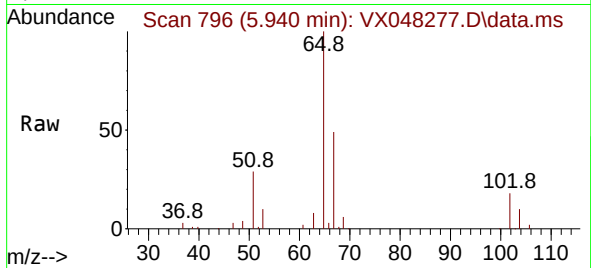




#33
 1,2-Dichloroethane-d4
 Concen: 58.438 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048277.D
 Acq: 21 Oct 2025 17:48

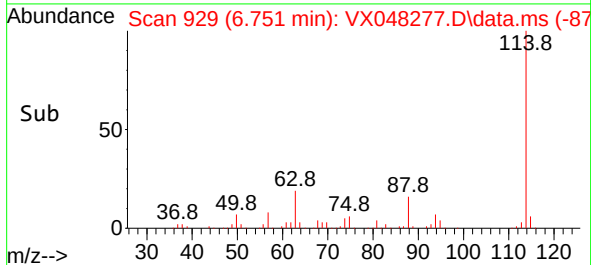
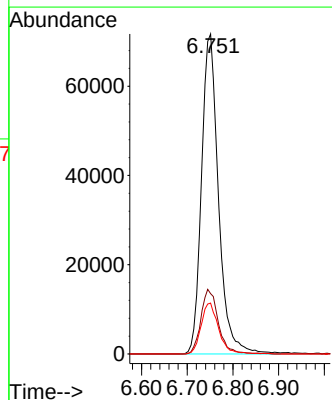
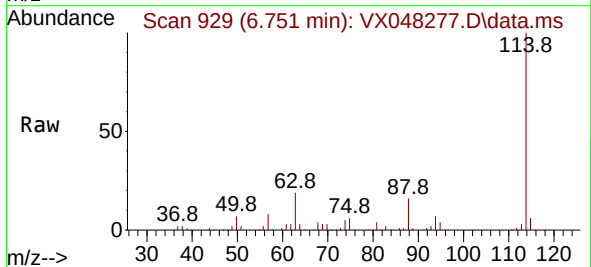
Instrument :
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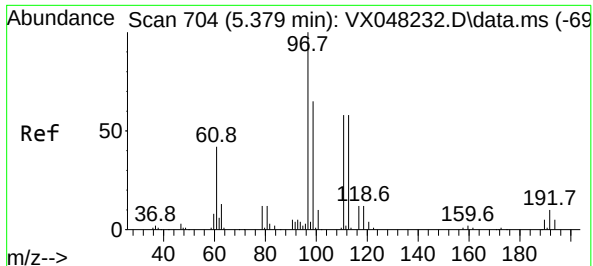
Tgt Ion: 65 Resp: 78641
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048277.D
 Acq: 21 Oct 2025 17:48

Tgt Ion: 114 Resp: 184822
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.2
 88 15.9 0.0 33.6

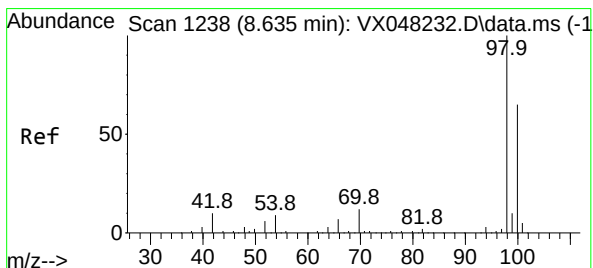
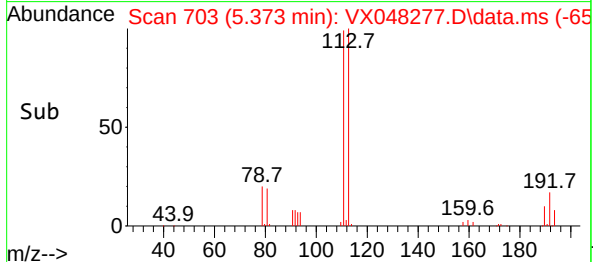
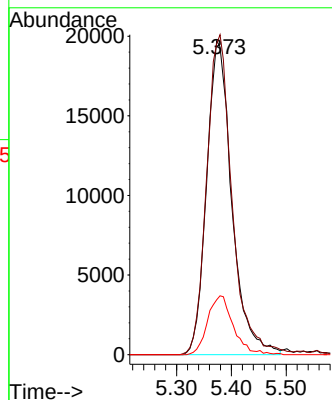
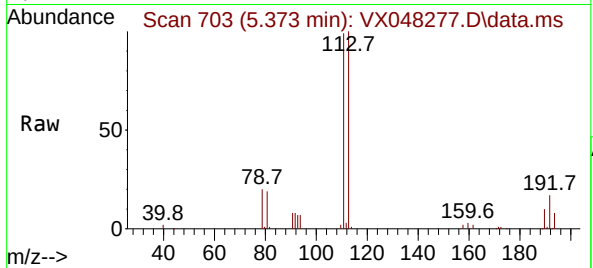




#35
Dibromofluoromethane
Concen: 49.756 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

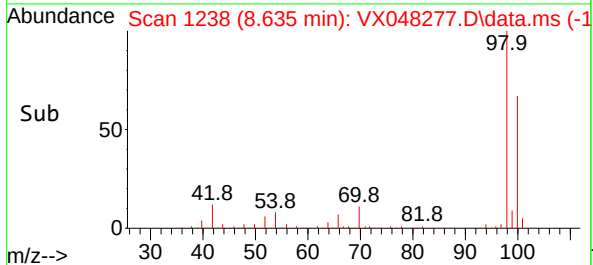
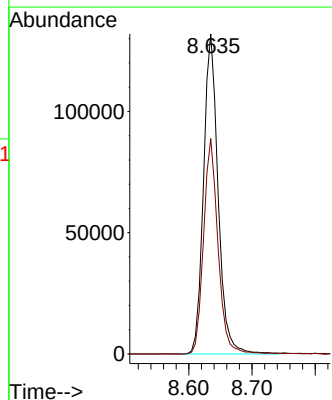
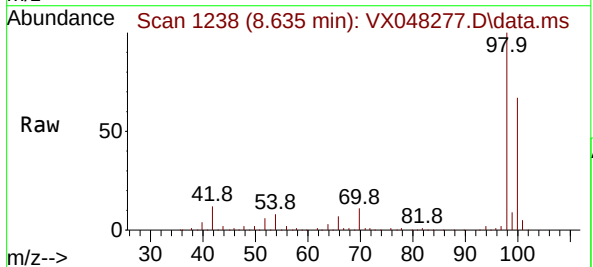
Instrument :
MSVOA_X
ClientSampleId :
PR132-FB01-20251016

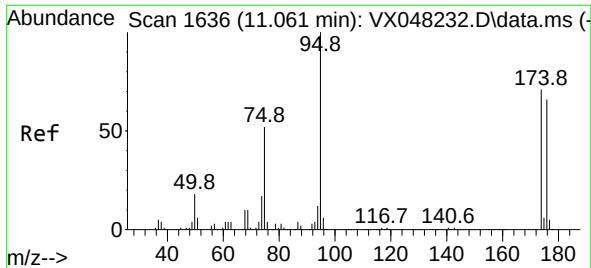
Tgt Ion:113 Resp: 62781
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 19.2 15.1 22.7



#50
Toluene-d8
Concen: 47.953 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Tgt Ion: 98 Resp: 212078
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

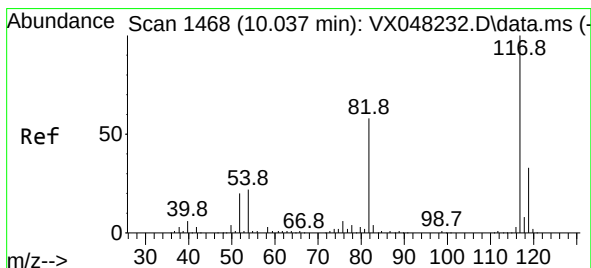
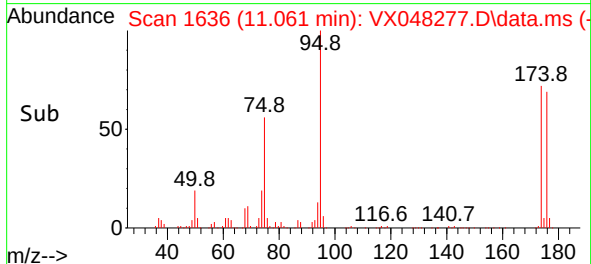
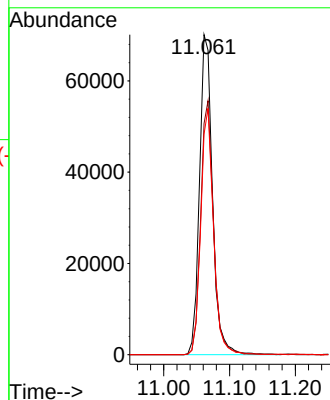
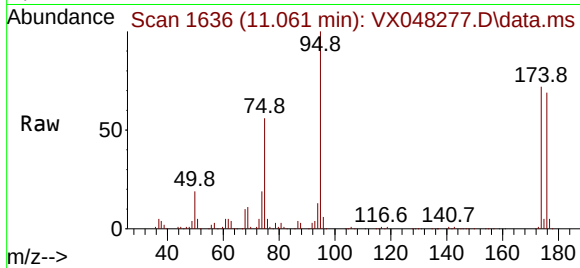




#62
4-Bromofluorobenzene
Concen: 57.074 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

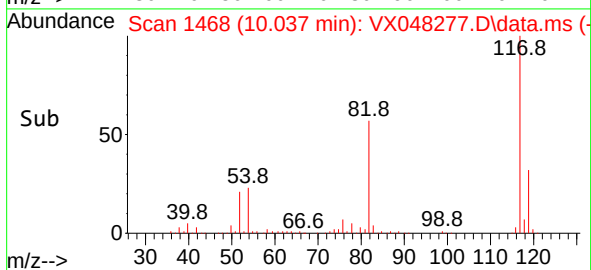
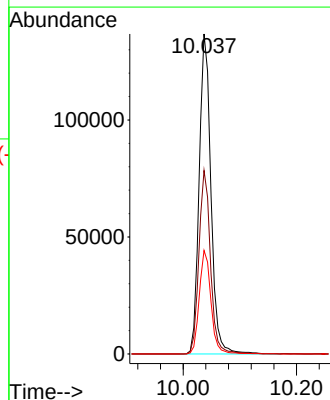
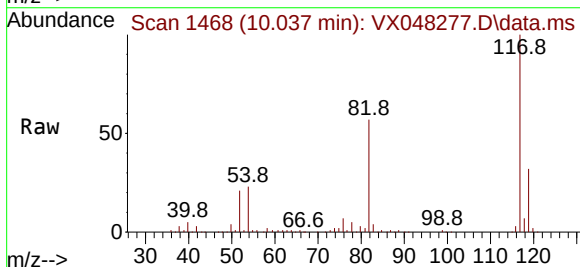
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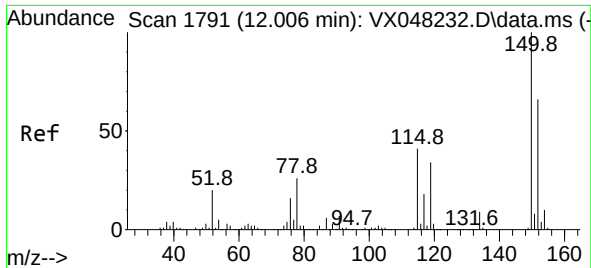
Tgt Ion: 95 Resp: 96027
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.8
176 75.8 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

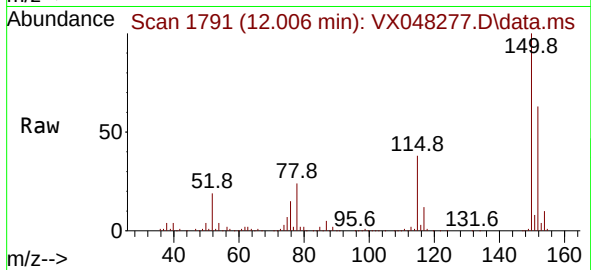
Tgt Ion: 117 Resp: 196926
Ion Ratio Lower Upper
117 100
82 57.4 46.5 69.7
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048277.D
 Acq: 21 Oct 2025 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PR132-FB01-20251016



Tgt Ion:152 Resp: 105671
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.1 129.4
 150 156.0 0.0 353.0

