

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048267.D
 Acq On : 21 Oct 2025 14:21
 Operator : JC/MD
 Sample : Q3381-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-222

Quant Time: Oct 21 14:39:06 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)

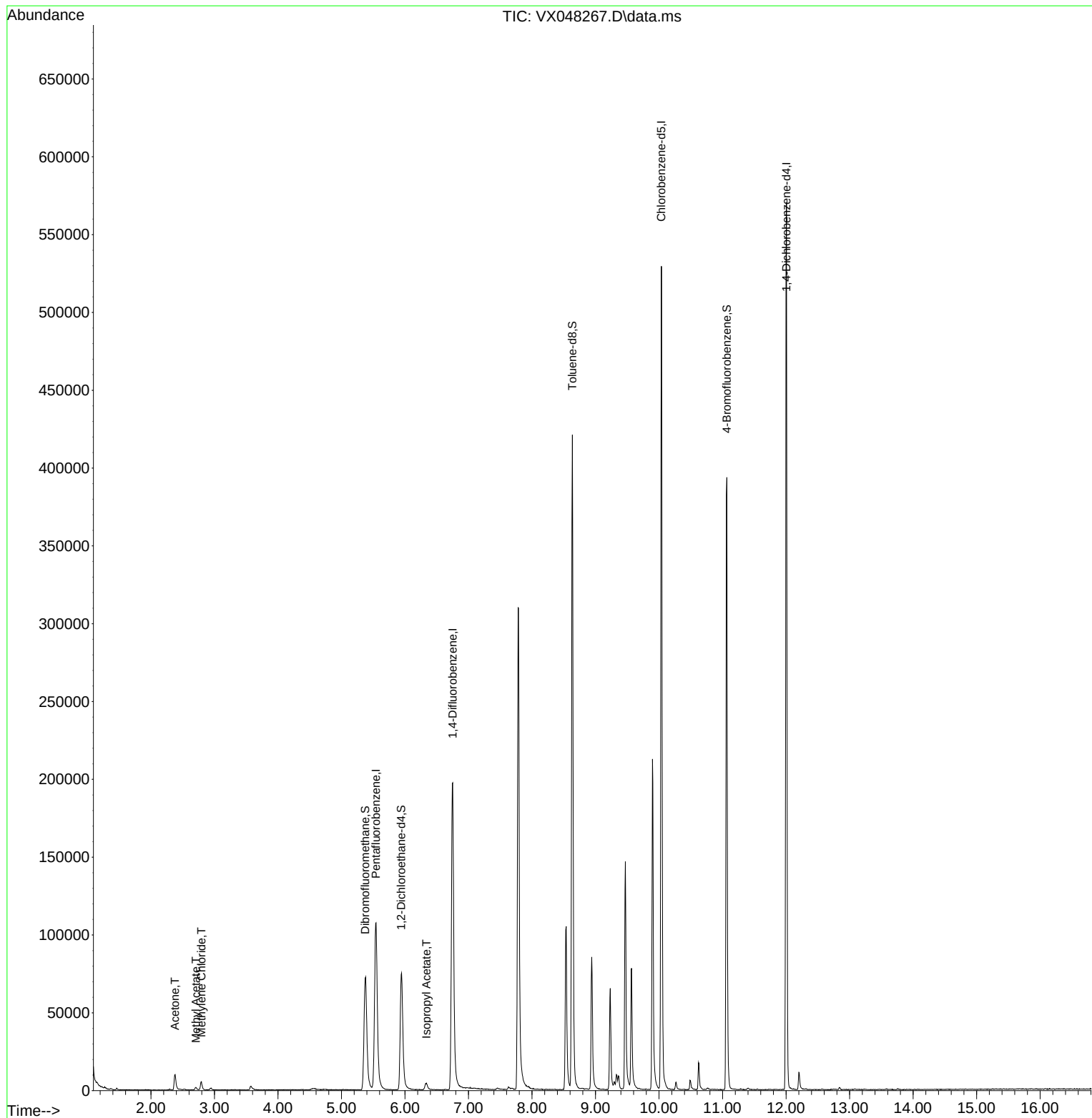
Internal Standards						
1) Pentafluorobenzene	5.543	168	112049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	225823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	247832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85970	54.723	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.440%		
35) Dibromofluoromethane	5.373	113	71539	46.403	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.800%		
50) Toluene-d8	8.634	98	260907	48.283	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.560%		
62) 4-Bromofluorobenzene	11.067	95	115352	56.112	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.220%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	13769	25.548	ug/l	98
18) Methyl Acetate	2.708	43	2356	2.093	ug/l	93
20) Methylene Chloride	2.794	84	2687	2.046	ug/l	90
43) Isopropyl Acetate	6.336	43	6821	2.286	ug/l #	91

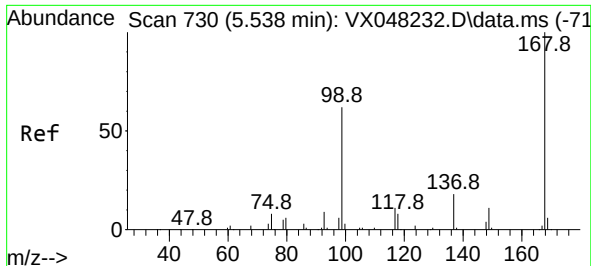
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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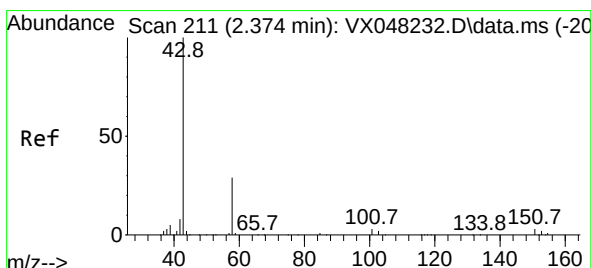
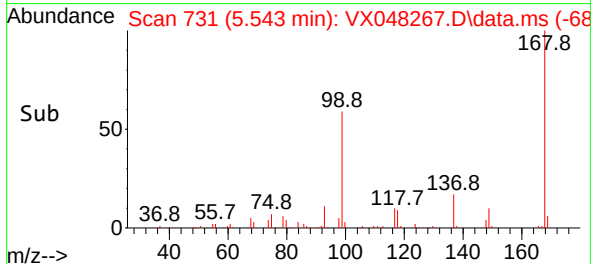
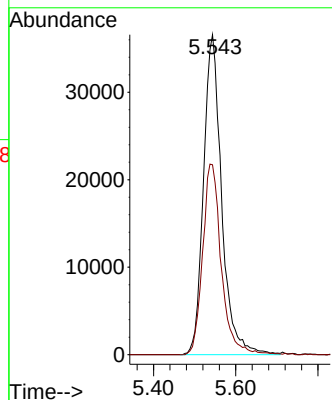
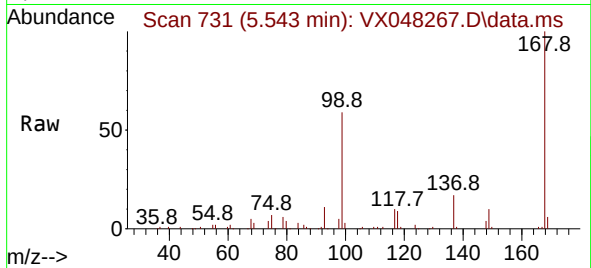




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

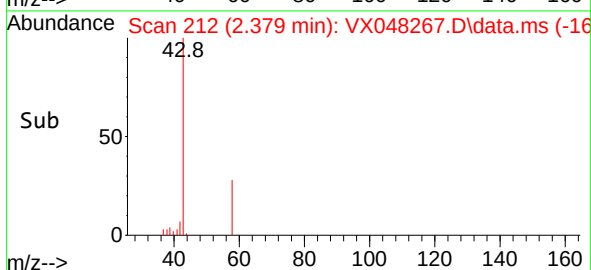
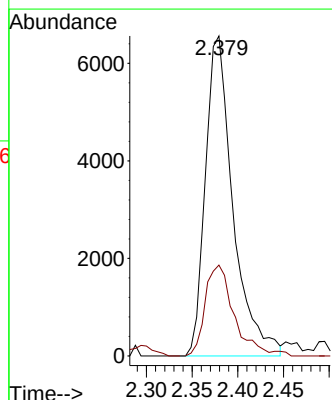
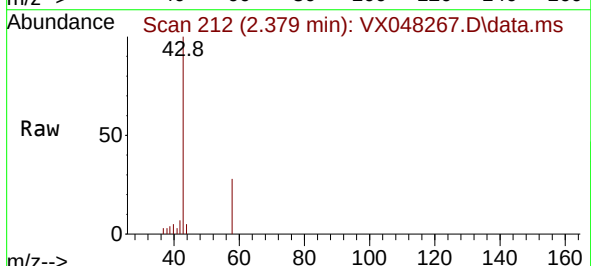
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

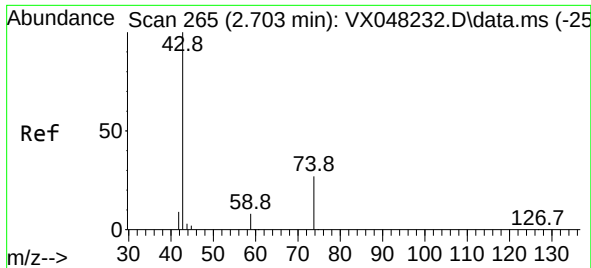
Tgt Ion:168 Resp: 112049
Ion Ratio Lower Upper
168 100
99 59.3 46.4 69.6



#16
Acetone
Concen: 25.548 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

Tgt Ion: 43 Resp: 13769
Ion Ratio Lower Upper
43 100
58 28.4 23.4 35.2

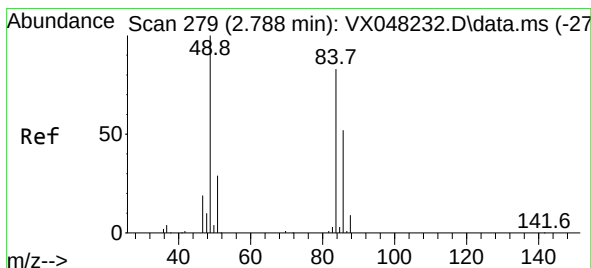
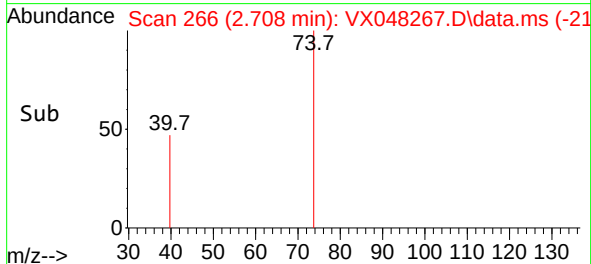
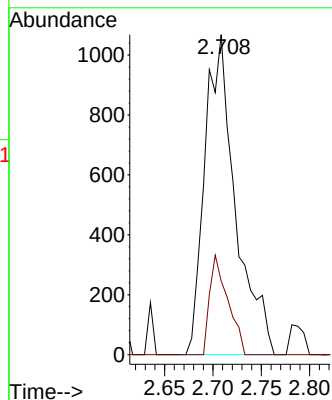
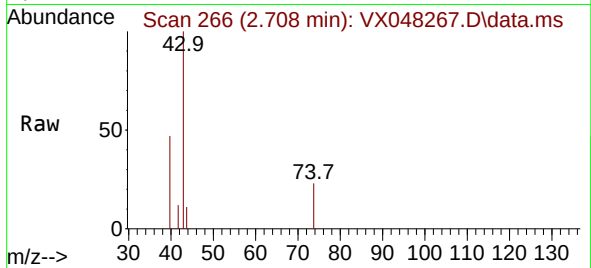




#18
Methyl Acetate
Concen: 2.093 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

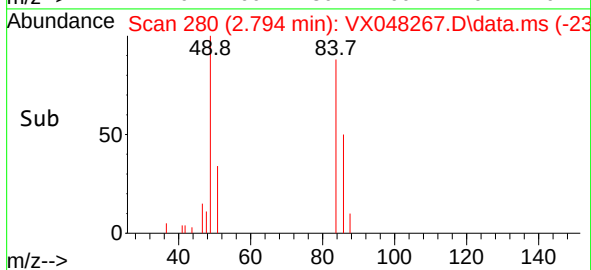
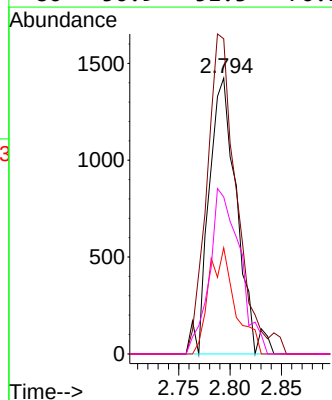
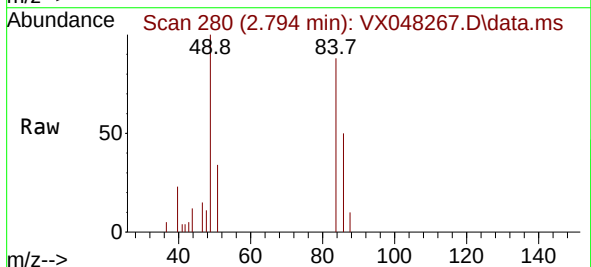
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

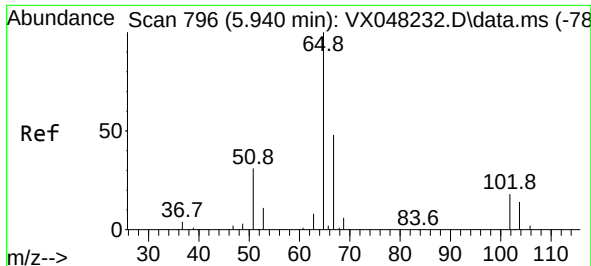
Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
74 18.4 17.5 26.3



#20
Methylene Chloride
Concen: 2.046 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

Tgt Ion: 84 Resp: 2687
Ion Ratio Lower Upper
84 100
49 114.3 104.1 156.1
51 38.4 31.3 46.9
86 56.9 51.3 76.9

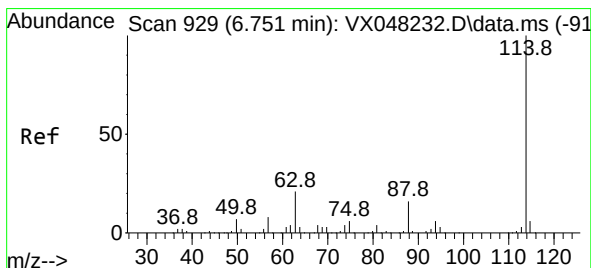
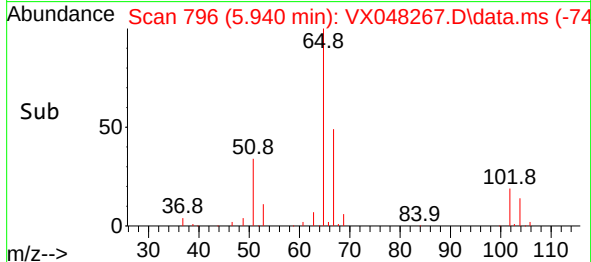
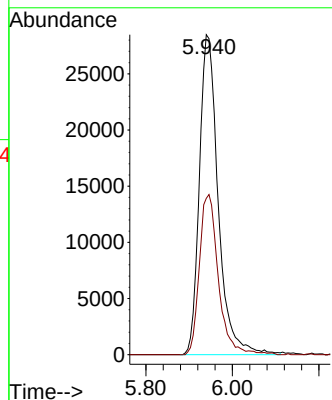
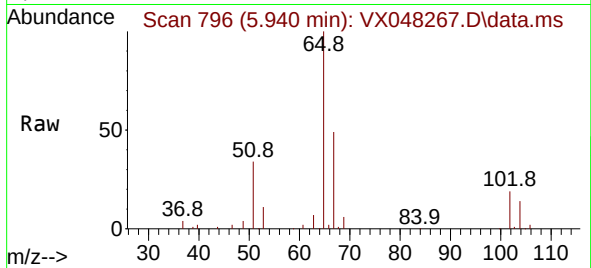




#33
 1,2-Dichloroethane-d4
 Concen: 54.723 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048267.D
 Acq: 21 Oct 2025 14:21

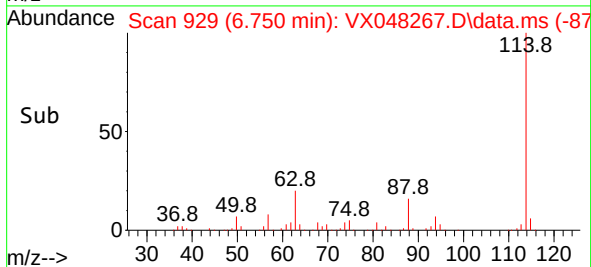
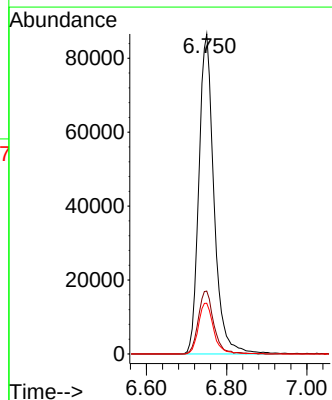
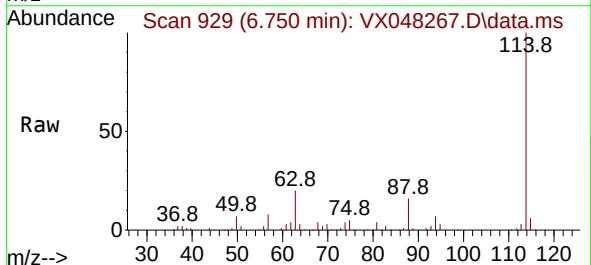
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-222

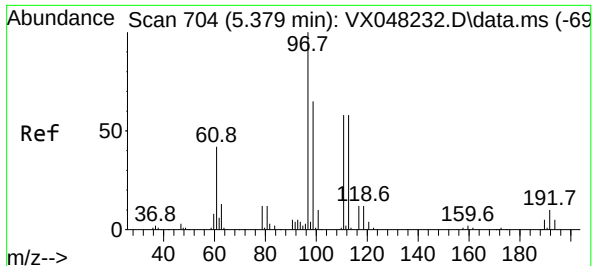
Tgt Ion: 65 Resp: 85970
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.750 min Scan# 929
 Delta R.T. 0.005 min
 Lab File: VX048267.D
 Acq: 21 Oct 2025 14:21

Tgt Ion: 114 Resp: 225823
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 15.8 0.0 33.6

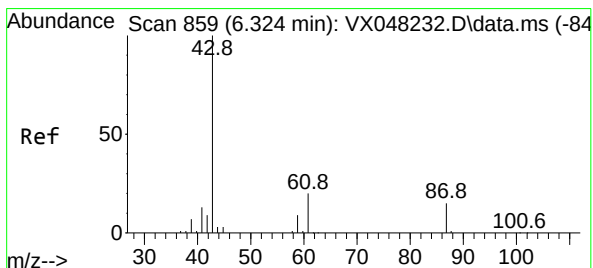
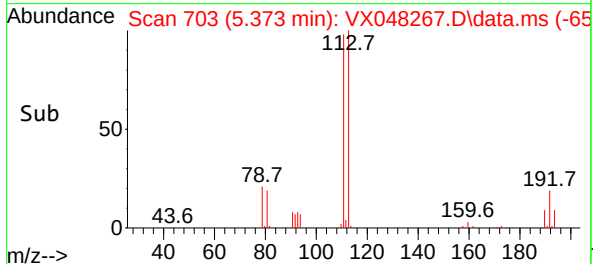
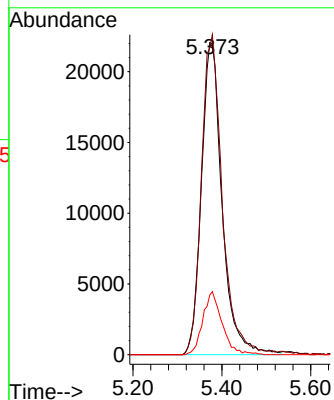
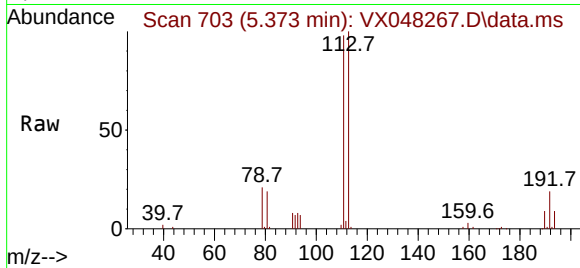




#35
Dibromofluoromethane
Concen: 46.403 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

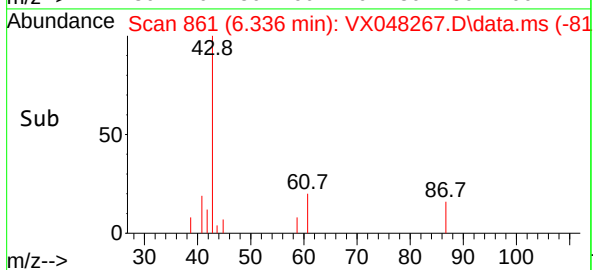
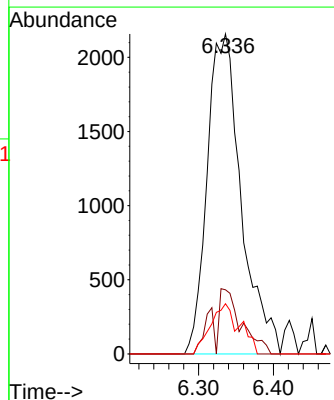
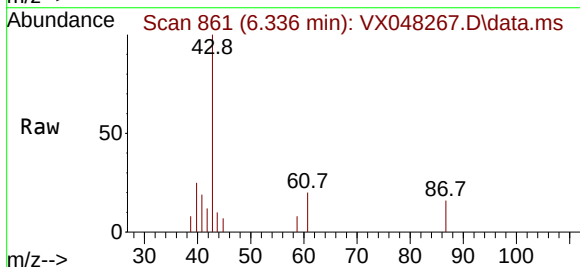
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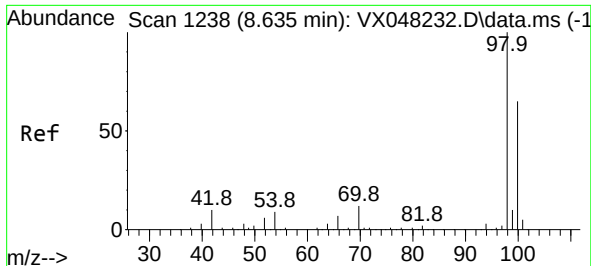
Tgt Ion:113 Resp: 71539
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.9 15.1 22.7



#43
Isopropyl Acetate
Concen: 2.286 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

Tgt Ion: 43 Resp: 6821
Ion Ratio Lower Upper
43 100
61 13.1 14.9 22.3#
87 13.5 9.4 14.2

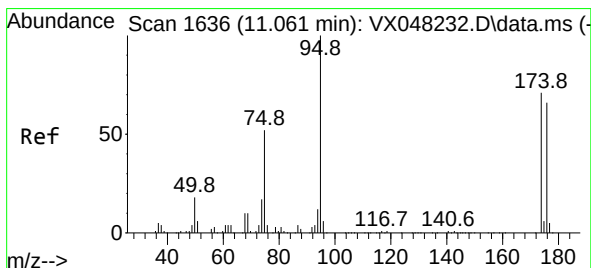
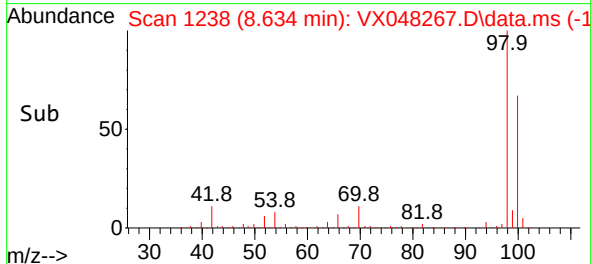
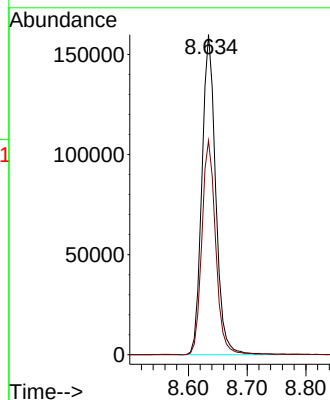
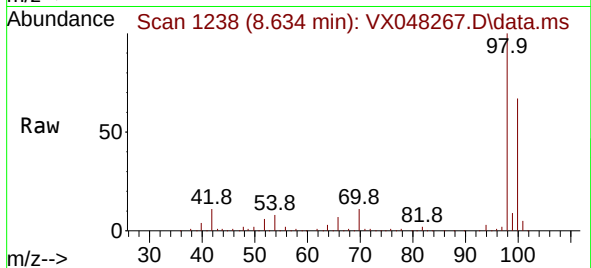




#50
Toluene-d8
Concen: 48.283 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

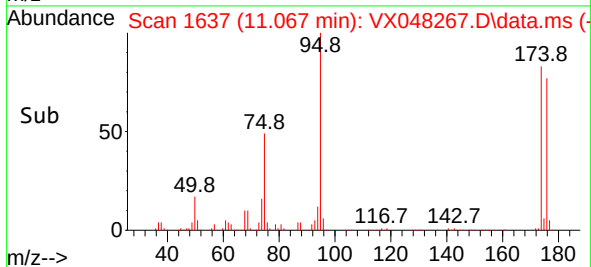
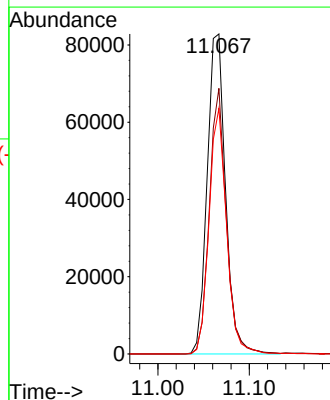
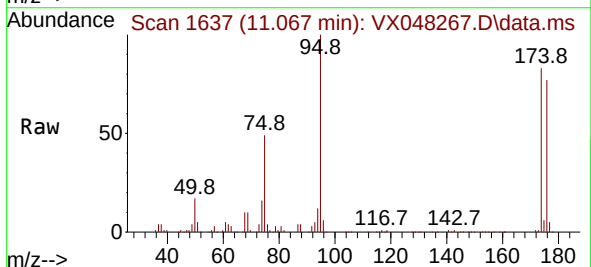
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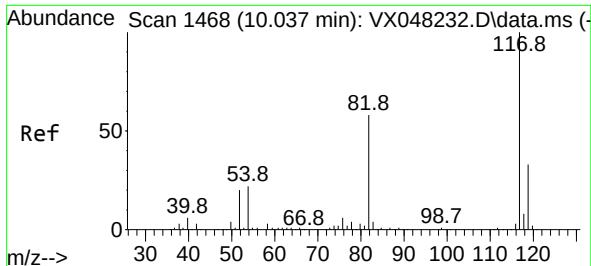
Tgt Ion: 98 Resp: 260907
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.112 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

Tgt Ion: 95 Resp: 115352
Ion Ratio Lower Upper
95 100
174 77.1 0.0 147.8
176 73.5 0.0 142.8

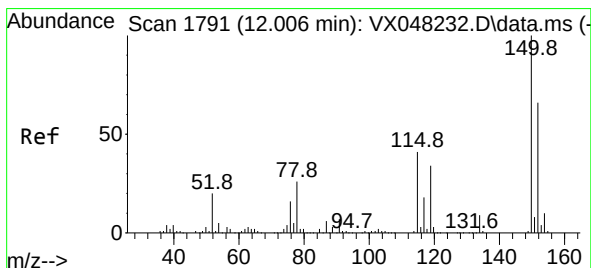
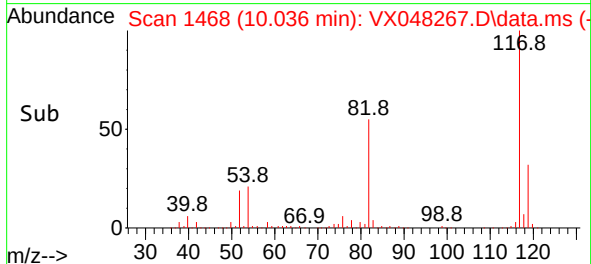
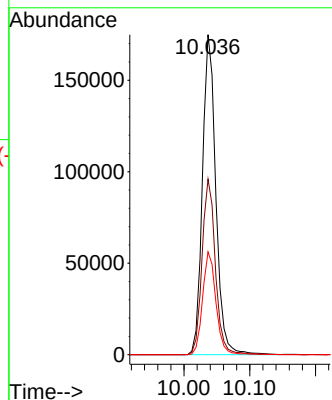
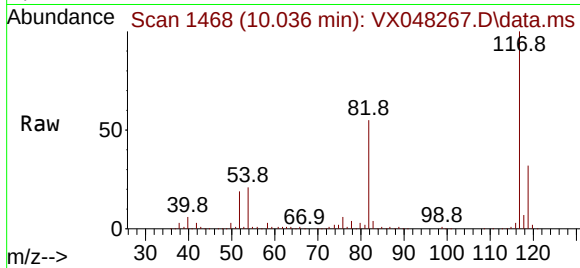




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048267.D
Acq: 21 Oct 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 247832
Ion Ratio Lower Upper
117 100
82 54.9 46.5 69.7
119 32.2 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: VX048267.D
Acq: 21 Oct 2025 14:21

Tgt Ion:152 Resp: 124905
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 157.9 0.0 353.0

