

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048334.D
 Acq On : 23 Oct 2025 18:11
 Operator : JC/MD
 Sample : Q3427-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8

Quant Time: Oct 24 05:51:17 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)

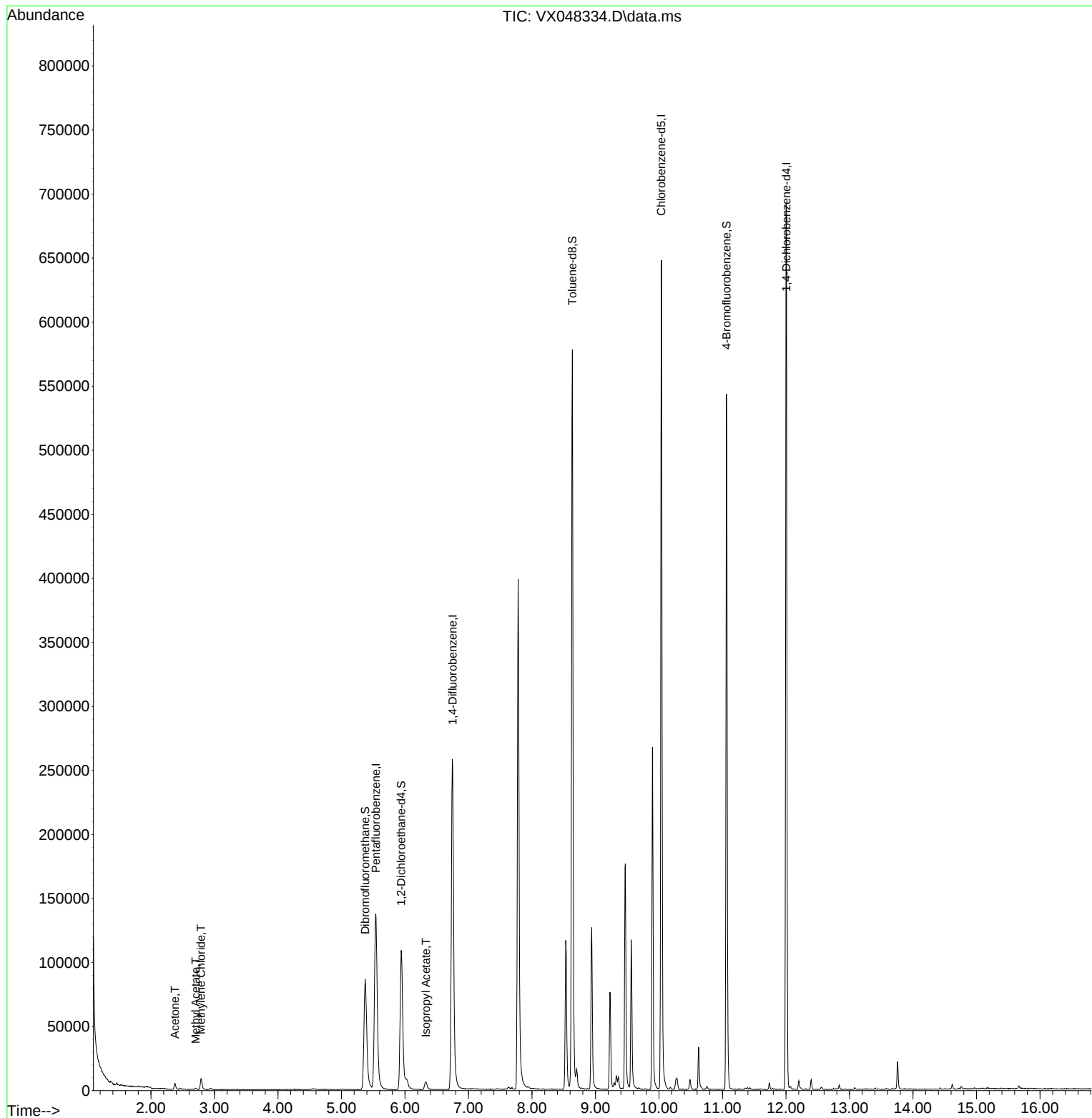
Internal Standards						
1) Pentafluorobenzene	5.544	168	137696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	277031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	120540	62.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.880%#
35) Dibromofluoromethane	5.373	113	81198	42.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.860%
50) Toluene-d8	8.635	98	348586	52.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.160%
62) 4-Bromofluorobenzene	11.061	95	151065	59.901	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.800%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	6158	9.298	ug/l	93
18) Methyl Acetate	2.703	43	1674	1.210	ug/l #	85
20) Methylene Chloride	2.788	84	4275	2.649	ug/l	95
43) Isopropyl Acetate	6.330	43	9947	2.718	ug/l	97

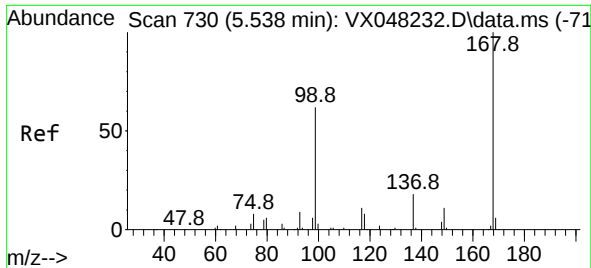
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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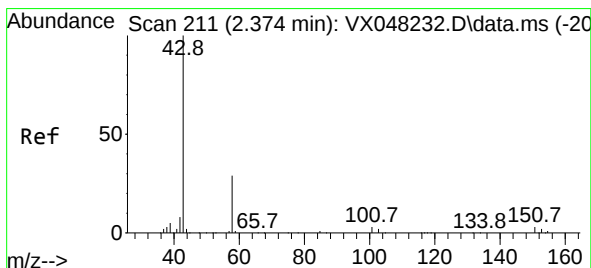
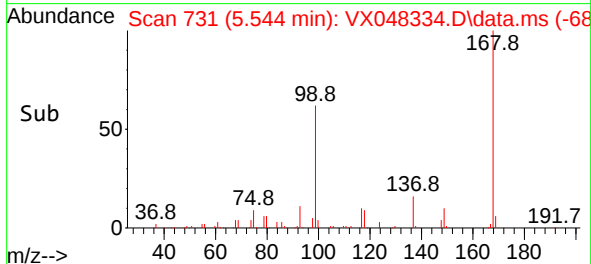
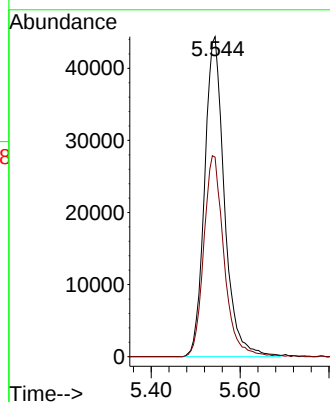
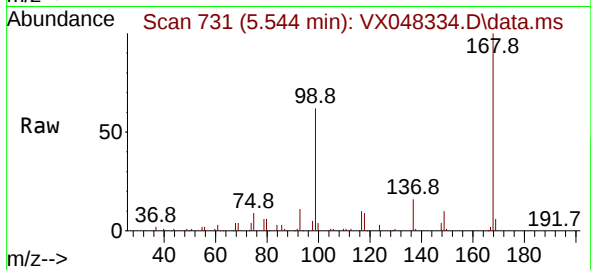




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

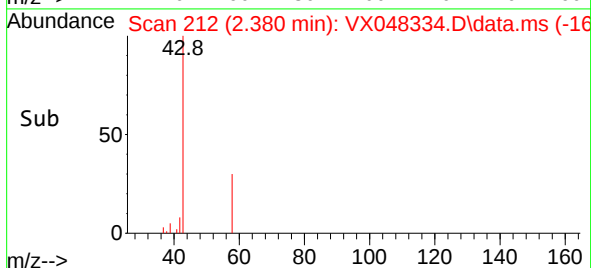
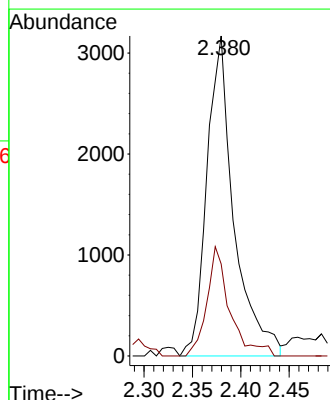
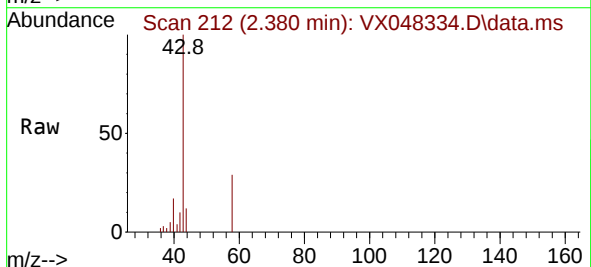
Instrument :
MSVOA_X
ClientSampleId :
TP-8

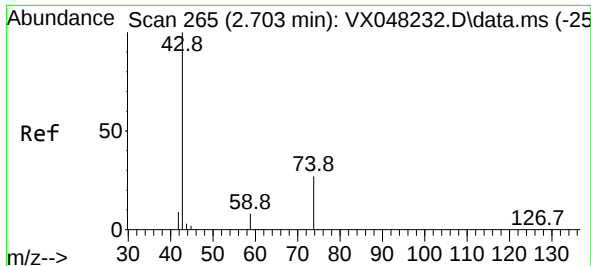
Tgt Ion:168 Resp: 137696
Ion Ratio Lower Upper
168 100
99 62.4 46.4 69.6



#16
Acetone
Concen: 9.298 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

Tgt Ion: 43 Resp: 6158
Ion Ratio Lower Upper
43 100
58 25.7 23.4 35.2

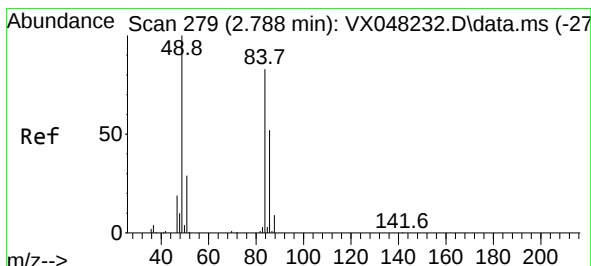
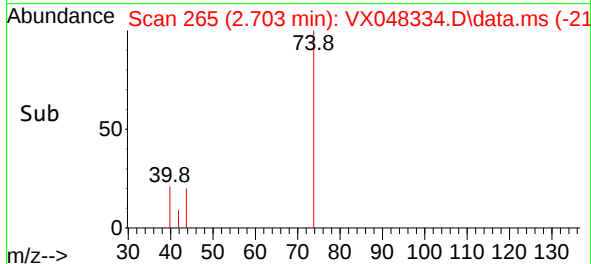
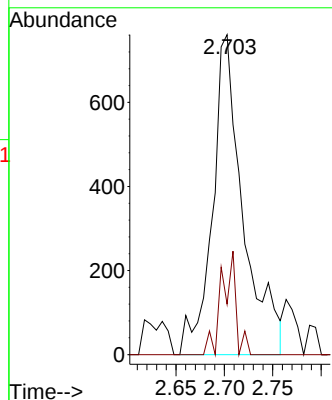
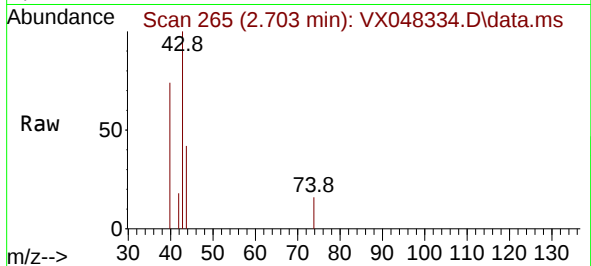




#18
Methyl Acetate
Concen: 1.210 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

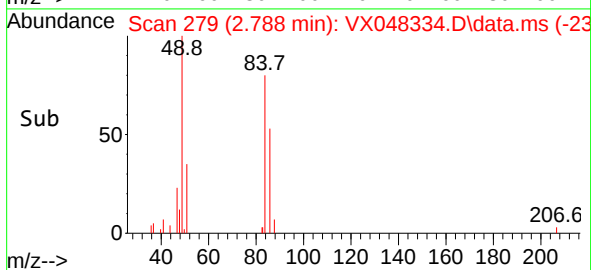
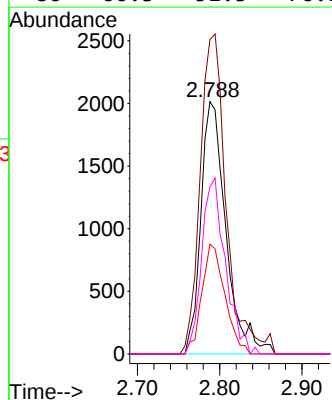
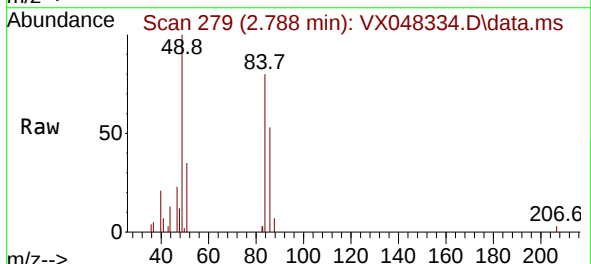
Instrument :
MSVOA_X
ClientSampleId :
TP-8

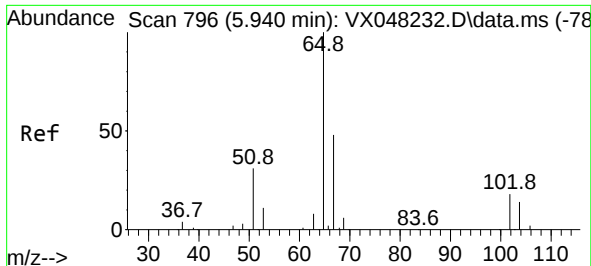
Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
74 15.0 17.5 26.3#



#20
Methylene Chloride
Concen: 2.649 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

Tgt Ion: 84 Resp: 4275
Ion Ratio Lower Upper
84 100
49 124.5 104.1 156.1
51 43.5 31.3 46.9
86 66.3 51.3 76.9

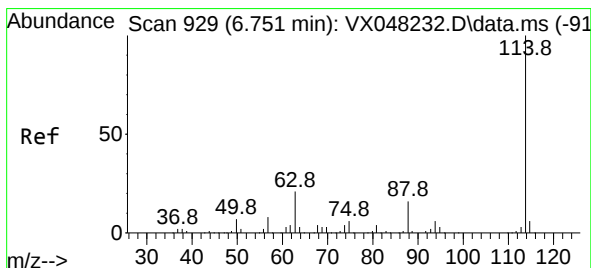
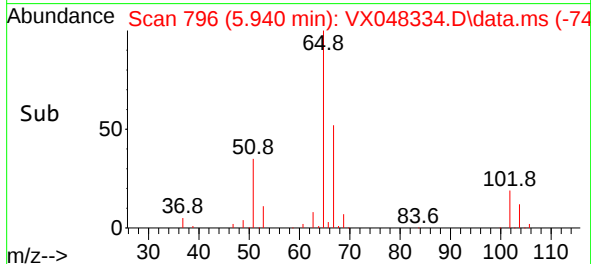
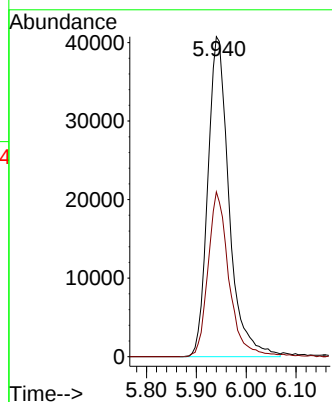
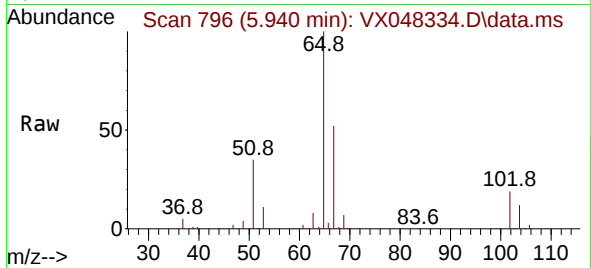




#33
 1,2-Dichloroethane-d4
 Concen: 62.437 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048334.D
 Acq: 23 Oct 2025 18:11

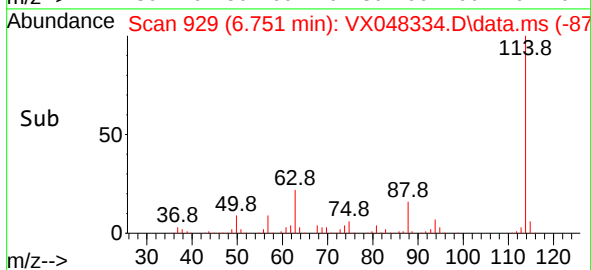
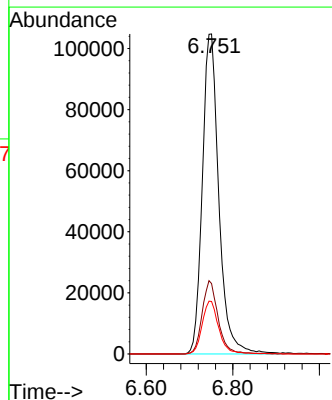
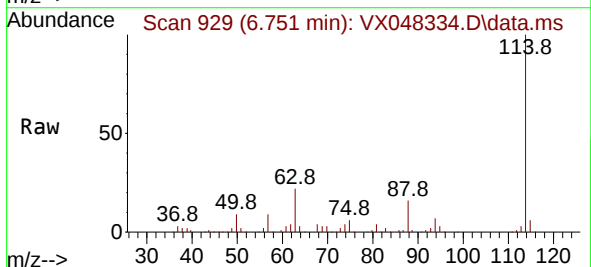
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8

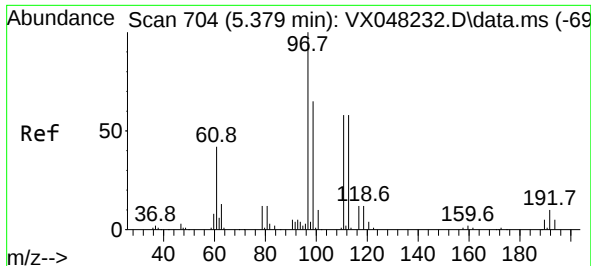
Tgt Ion: 65 Resp: 120540
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048334.D
 Acq: 23 Oct 2025 18:11

Tgt Ion: 114 Resp: 277031
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.4 0.0 33.6

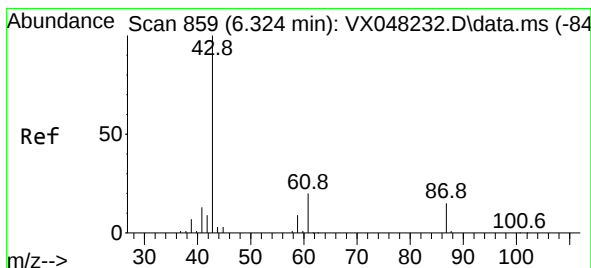
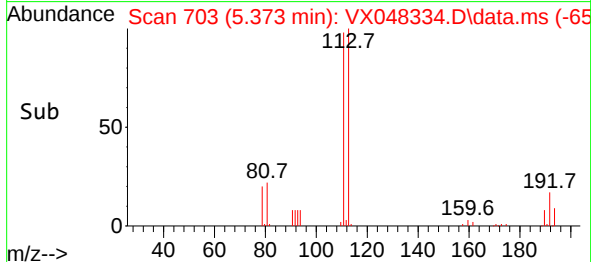
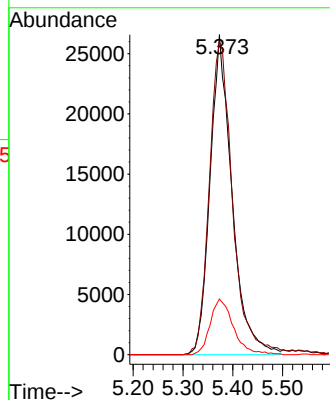
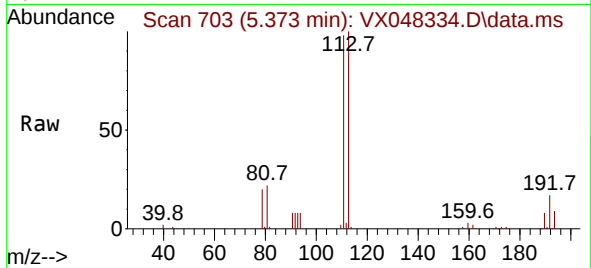




#35
Dibromofluoromethane
Concen: 42.933 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

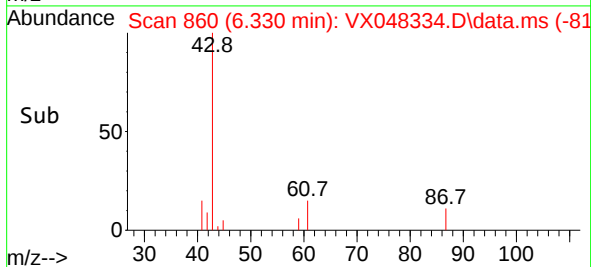
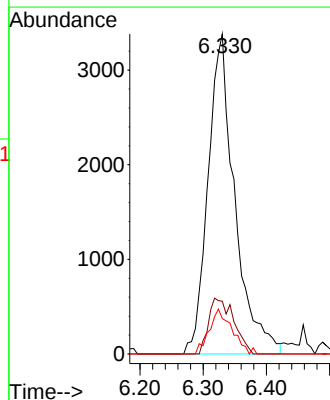
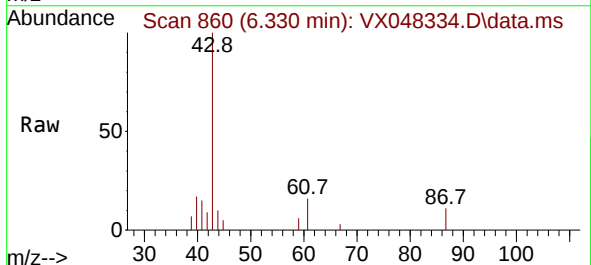
Instrument :
MSVOA_X
ClientSampleId :
TP-8

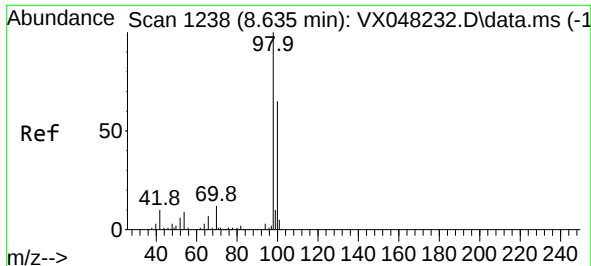
Tgt Ion:113 Resp: 81198
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 18.5 15.1 22.7



#43
Isopropyl Acetate
Concen: 2.718 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

Tgt Ion: 43 Resp: 9947
Ion Ratio Lower Upper
43 100
61 16.3 14.9 22.3
87 11.9 9.4 14.2

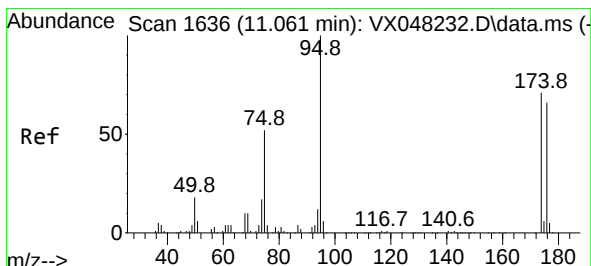
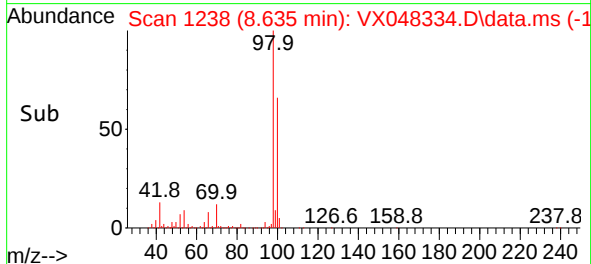
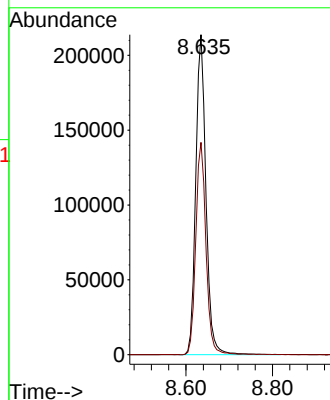
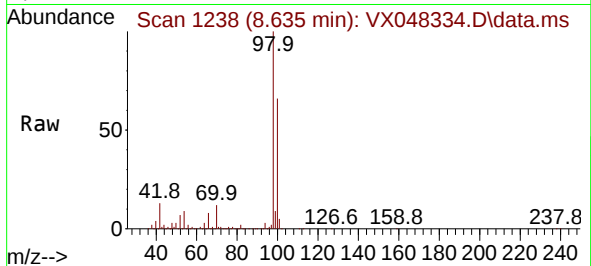




#50
Toluene-d8
Concen: 52.584 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

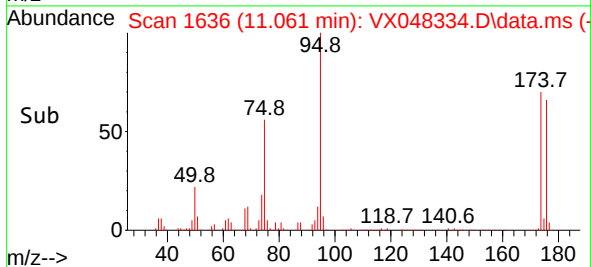
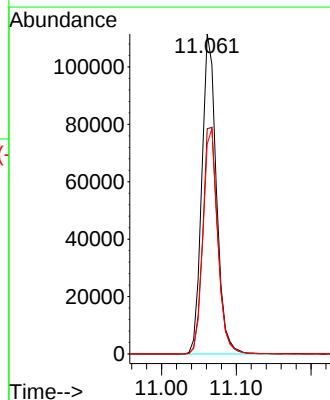
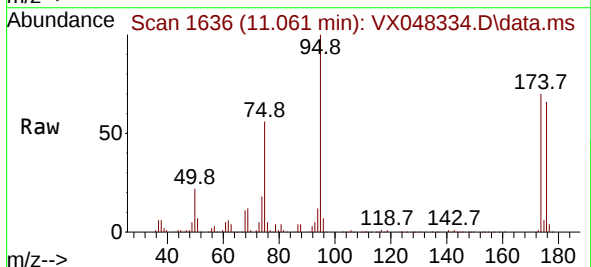
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ClientSampleId :
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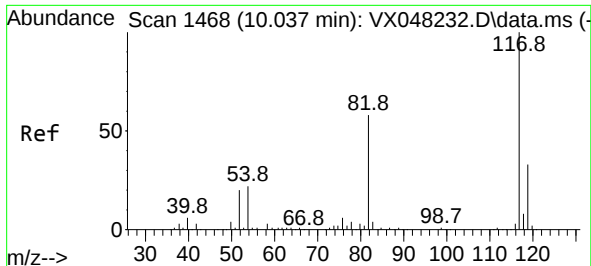
Tgt Ion: 98 Resp: 348586
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.901 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

Tgt Ion: 95 Resp: 151065
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.8
176 70.8 0.0 142.8

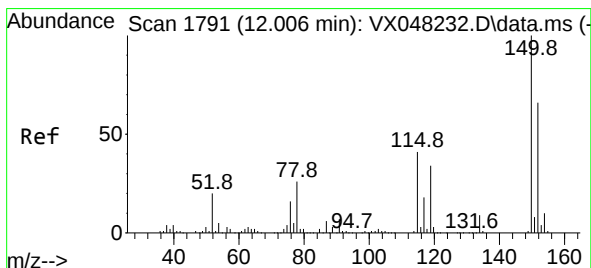
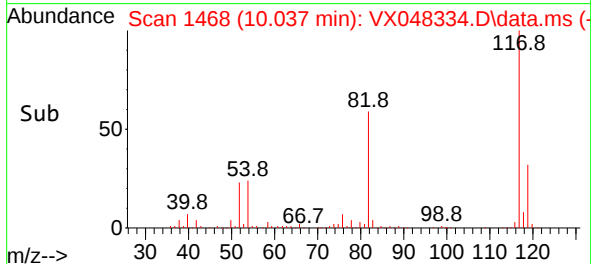
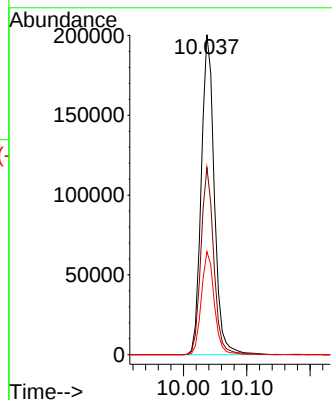
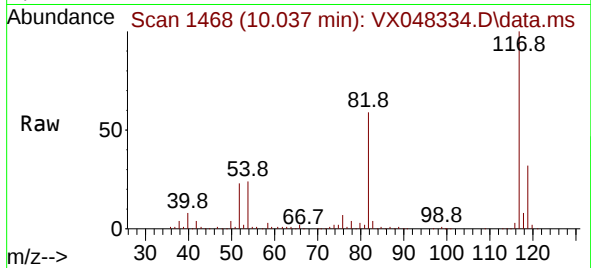




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048334.D
Acq: 23 Oct 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8

Tgt Ion:117 Resp: 288168
Ion Ratio Lower Upper
117 100
82 58.5 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: VX048334.D
Acq: 23 Oct 2025 18:11

Tgt Ion:152 Resp: 147061
Ion Ratio Lower Upper
152 100
115 62.3 43.1 129.4
150 155.8 0.0 353.0

