

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
 Data File : VX048665.D
 Acq On : 24 Nov 2025 15:48
 Operator : JC/MD
 Sample : Q3710-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR200028-RT5376-COMP

Quant Time: Nov 26 00:26:36 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)

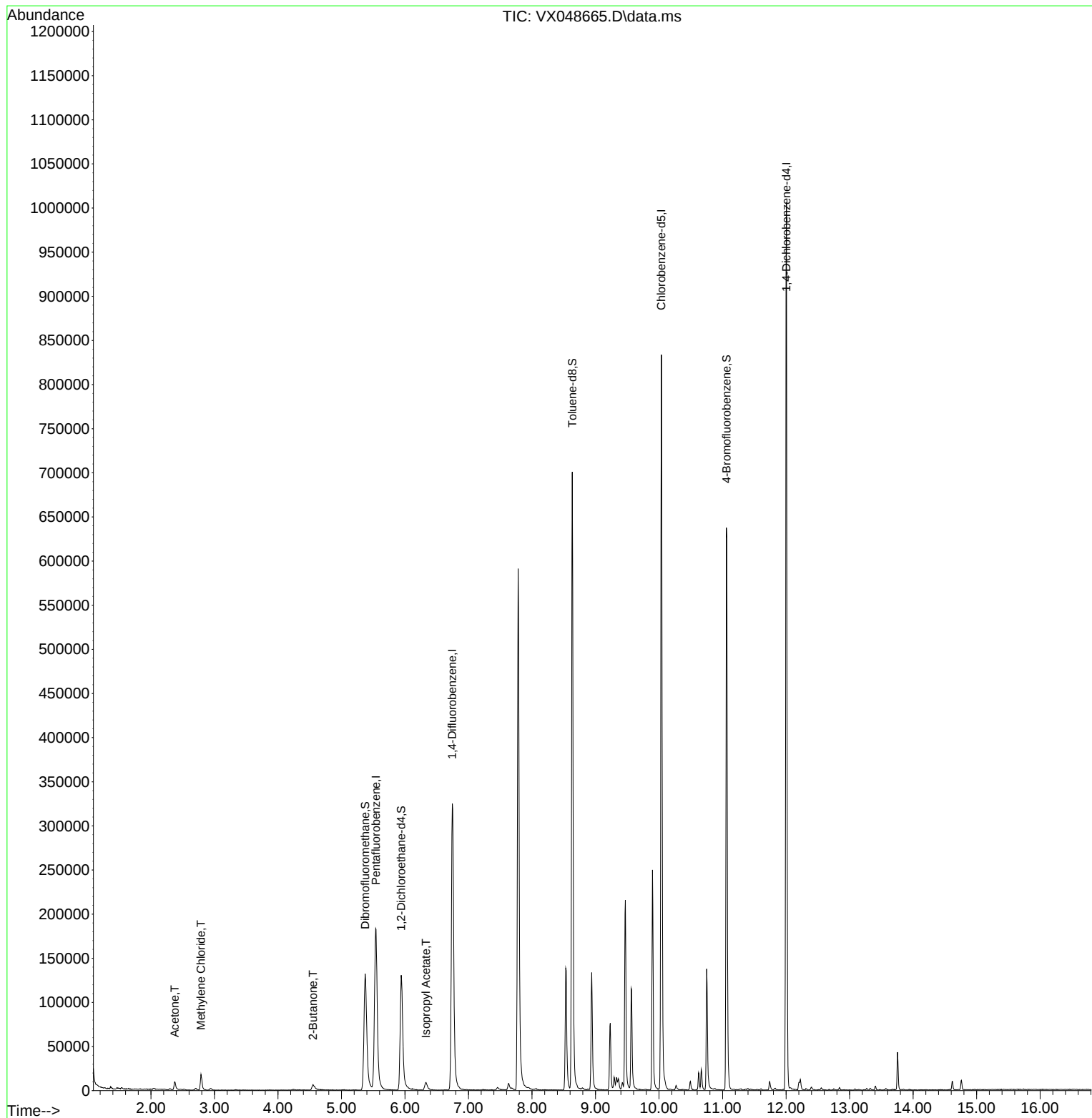
Internal Standards						
1) Pentafluorobenzene	5.544	168	189391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	365083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	388926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	228567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	143025	54.196	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.400%		
35) Dibromofluoromethane	5.373	113	128132	46.371	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.740%		
50) Toluene-d8	8.634	98	432022	50.131	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.260%		
62) 4-Bromofluorobenzene	11.061	95	183313	57.078	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.160%		
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	13567	10.861	ug/l	97
20) Methylene Chloride	2.788	84	9087	3.538	ug/l	93
25) 2-Butanone	4.550	43	13508	7.310	ug/l	94
43) Isopropyl Acetate	6.330	43	13830	1.889	ug/l	95

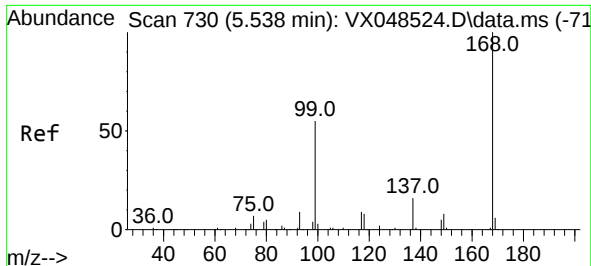
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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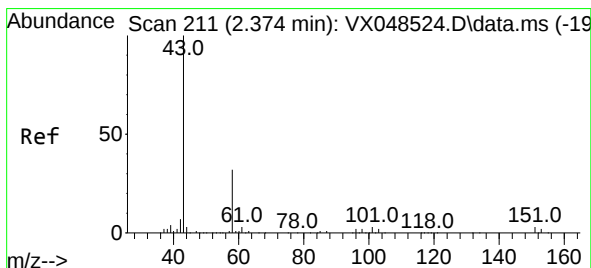
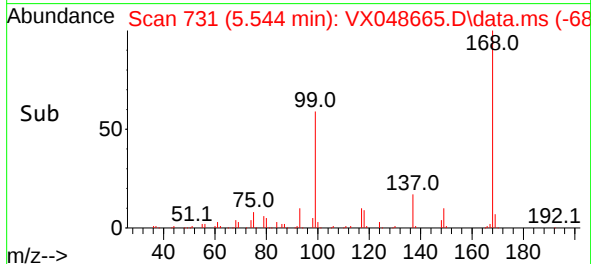
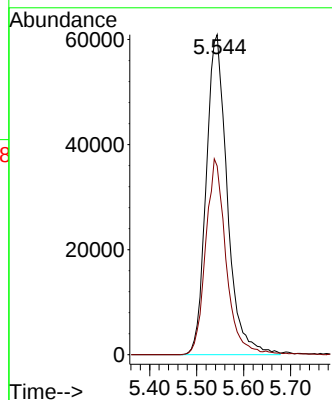
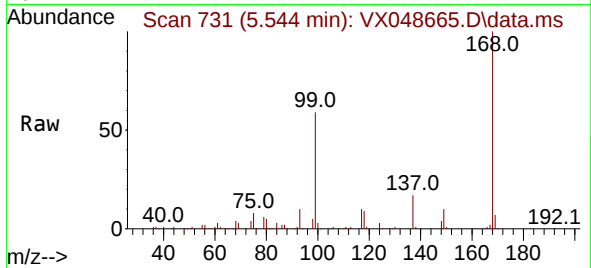




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

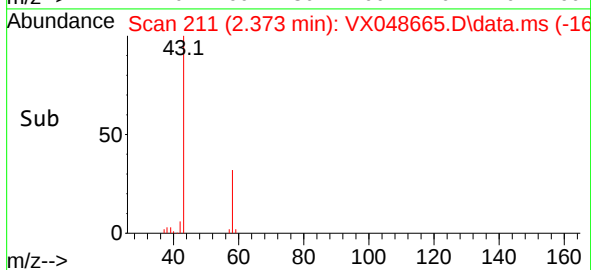
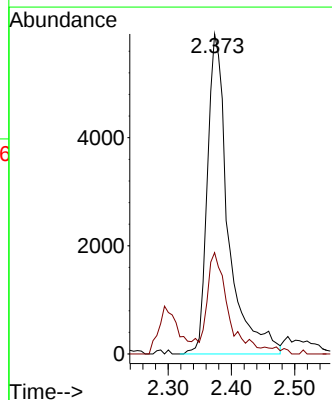
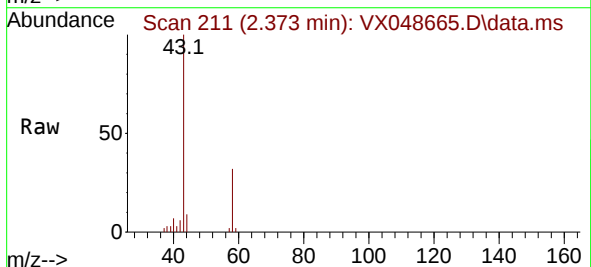
Instrument :
MSVOA_X
ClientSampleId :
RBR200028-RT5376-COMP

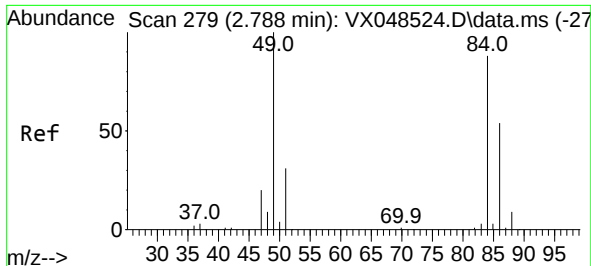
Tgt Ion:168 Resp: 189391
Ion Ratio Lower Upper
168 100
99 59.0 45.2 67.8



#16
Acetone
Concen: 10.861 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

Tgt Ion: 43 Resp: 13567
Ion Ratio Lower Upper
43 100
58 30.6 25.8 38.6

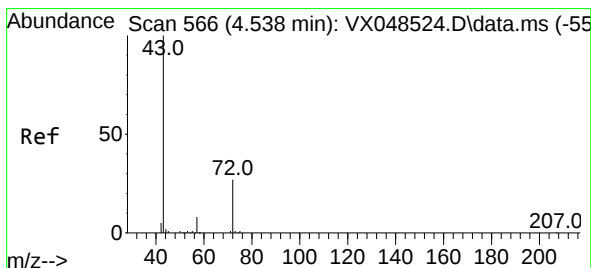
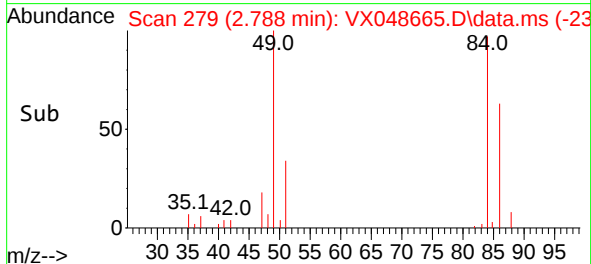
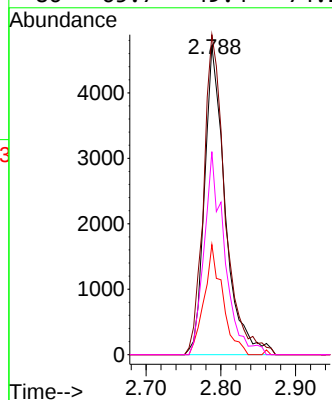
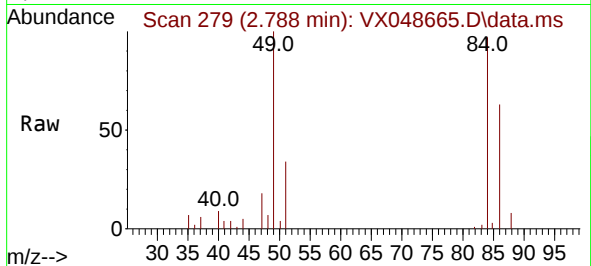




#20
Methylene Chloride
Concen: 3.538 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

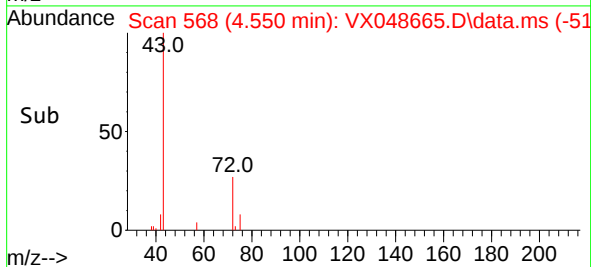
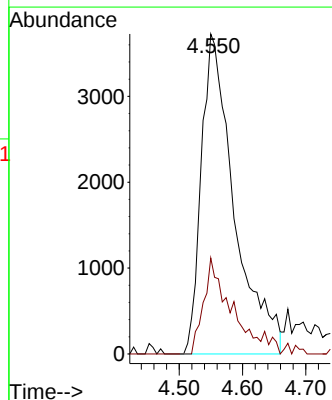
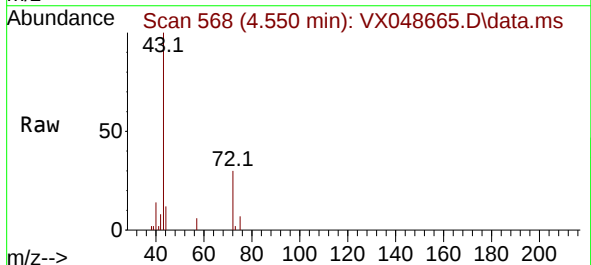
Instrument :
MSVOA_X
ClientSampleId :
RBR200028-RT5376-COMP

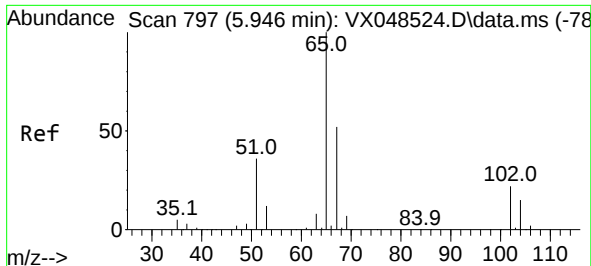
Tgt Ion:	84	Resp:	9087
Ion	Ratio	Lower	Upper
84	100		
49	103.5	91.2	136.8
51	35.6	28.3	42.5
86	65.7	49.4	74.2



#25
2-Butanone
Concen: 7.310 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

Tgt Ion:	43	Resp:	13508
Ion	Ratio	Lower	Upper
43	100		
72	30.0	21.5	32.3

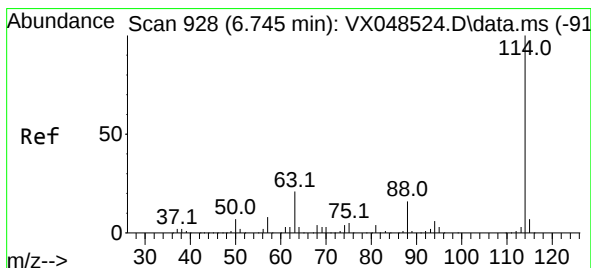
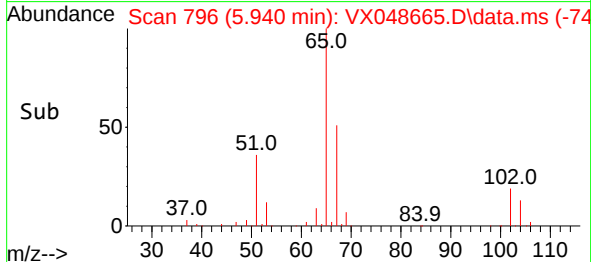
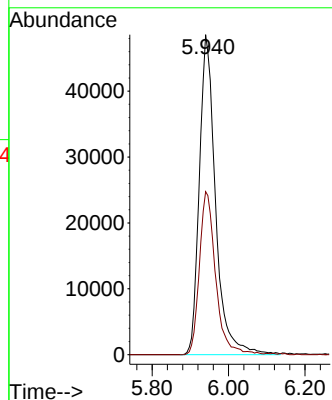
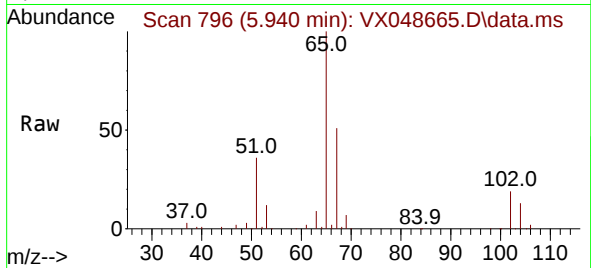




#33
 1,2-Dichloroethane-d4
 Concen: 54.196 ug/l
 RT: 5.940 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: VX048665.D
 Acq: 24 Nov 2025 15:48

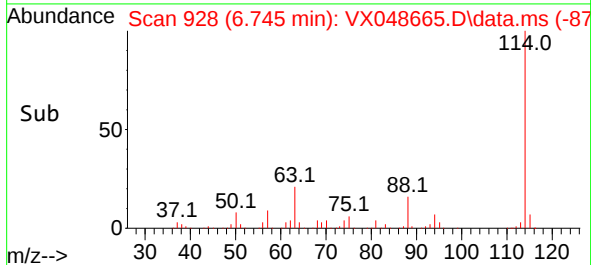
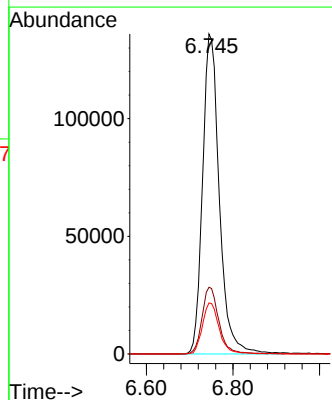
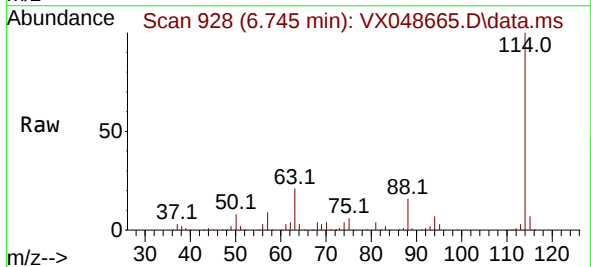
Instrument :
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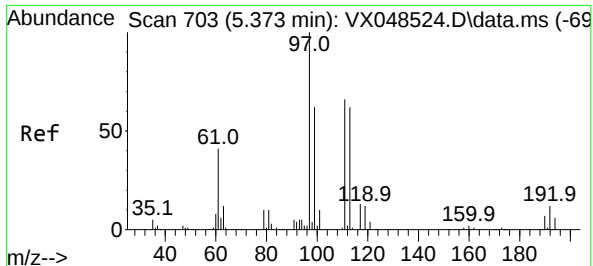
Tgt Ion: 65 Resp: 143025
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048665.D
 Acq: 24 Nov 2025 15:48

Tgt Ion: 114 Resp: 365083
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.2
 88 16.0 0.0 32.2

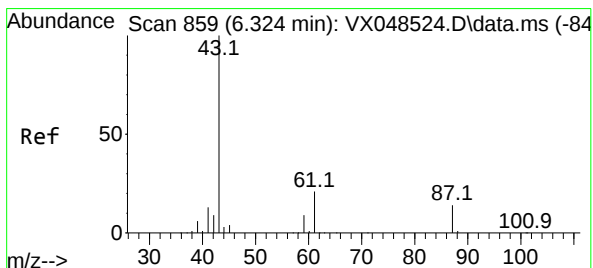
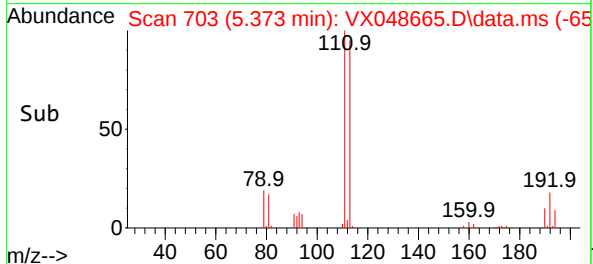
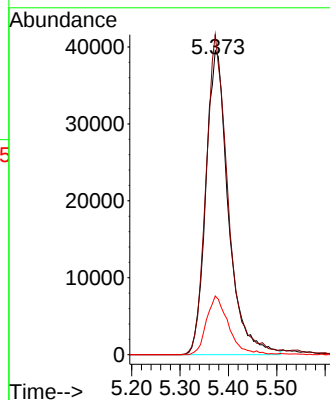
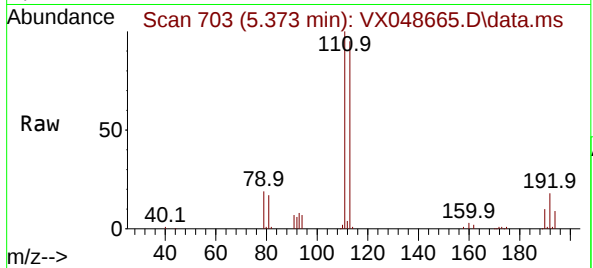




#35
Dibromofluoromethane
Concen: 46.371 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

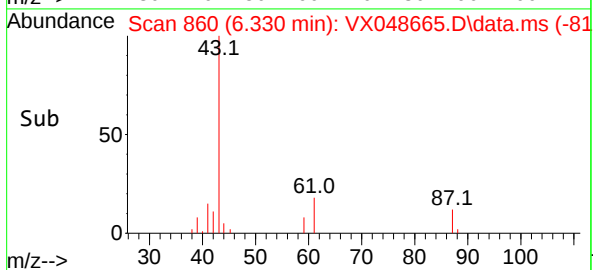
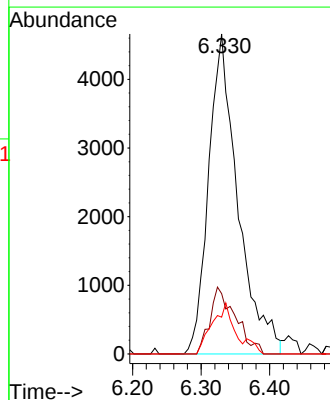
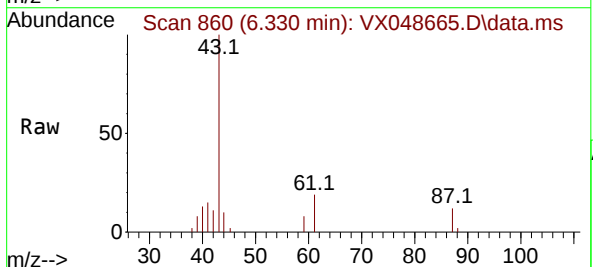
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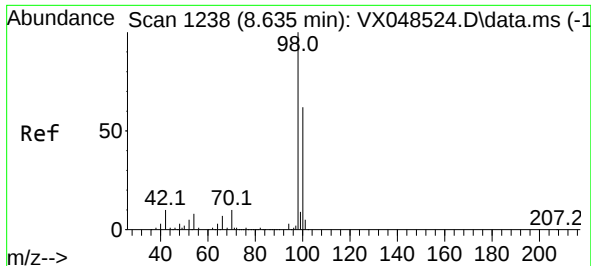
Tgt Ion:113 Resp: 128132
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.0 15.8 23.6



#43
Isopropyl Acetate
Concen: 1.889 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

Tgt Ion: 43 Resp: 13830
Ion Ratio Lower Upper
43 100
61 18.3 16.2 24.4
87 11.4 10.9 16.3

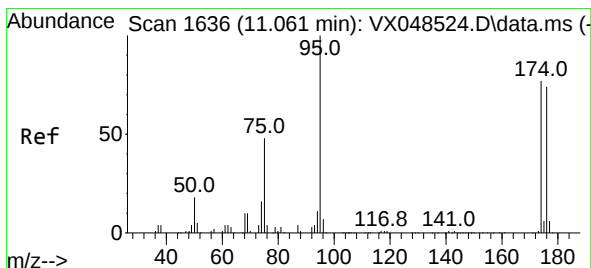
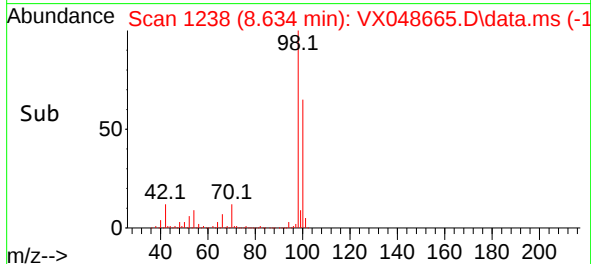
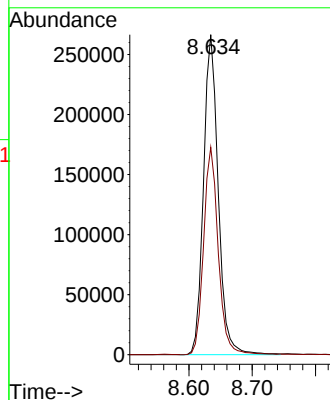
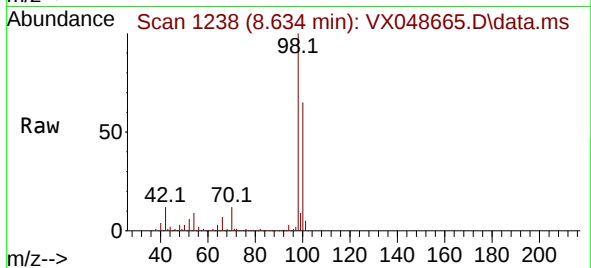




#50
Toluene-d8
Concen: 50.131 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

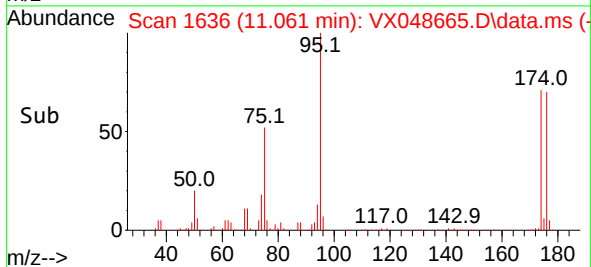
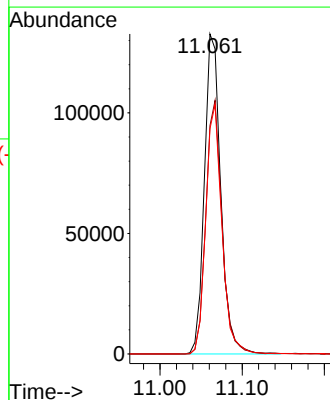
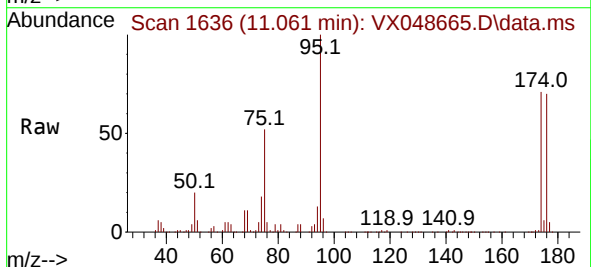
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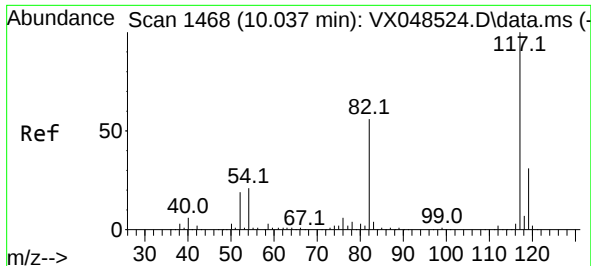
Tgt Ion: 98 Resp: 432022
Ion Ratio Lower Upper
98 100
100 64.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 57.078 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

Tgt Ion: 95 Resp: 183313
Ion Ratio Lower Upper
95 100
174 78.4 0.0 161.8
176 76.9 0.0 153.6

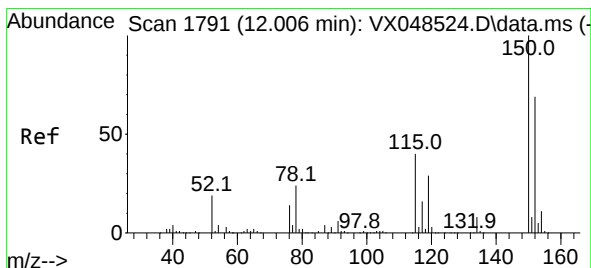
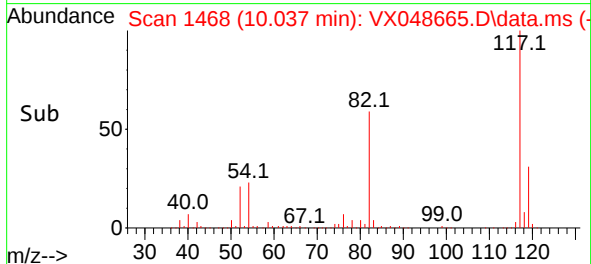
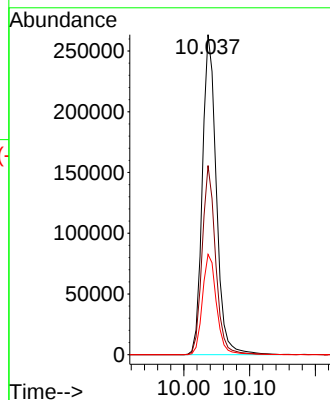
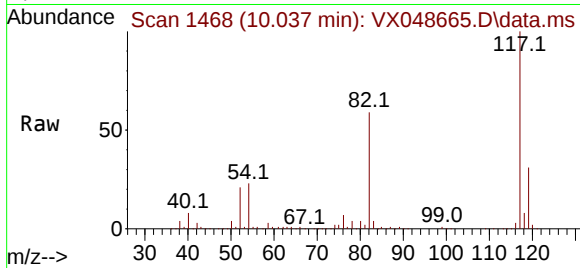




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048665.D
Acq: 24 Nov 2025 15:48

Instrument :
MSVOA_X
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Tgt Ion:117 Resp: 388926
Ion Ratio Lower Upper
117 100
82 59.1 44.4 66.6
119 31.4 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: VX048665.D
Acq: 24 Nov 2025 15:48

Tgt Ion:152 Resp: 228567
Ion Ratio Lower Upper
152 100
115 58.7 39.2 117.6
150 157.5 0.0 347.0

