

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048347.D
 Acq On : 24 Oct 2025 12:26
 Operator : JC/MD
 Sample : Q3403-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-18

Quant Time: Oct 24 23:03:09 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)

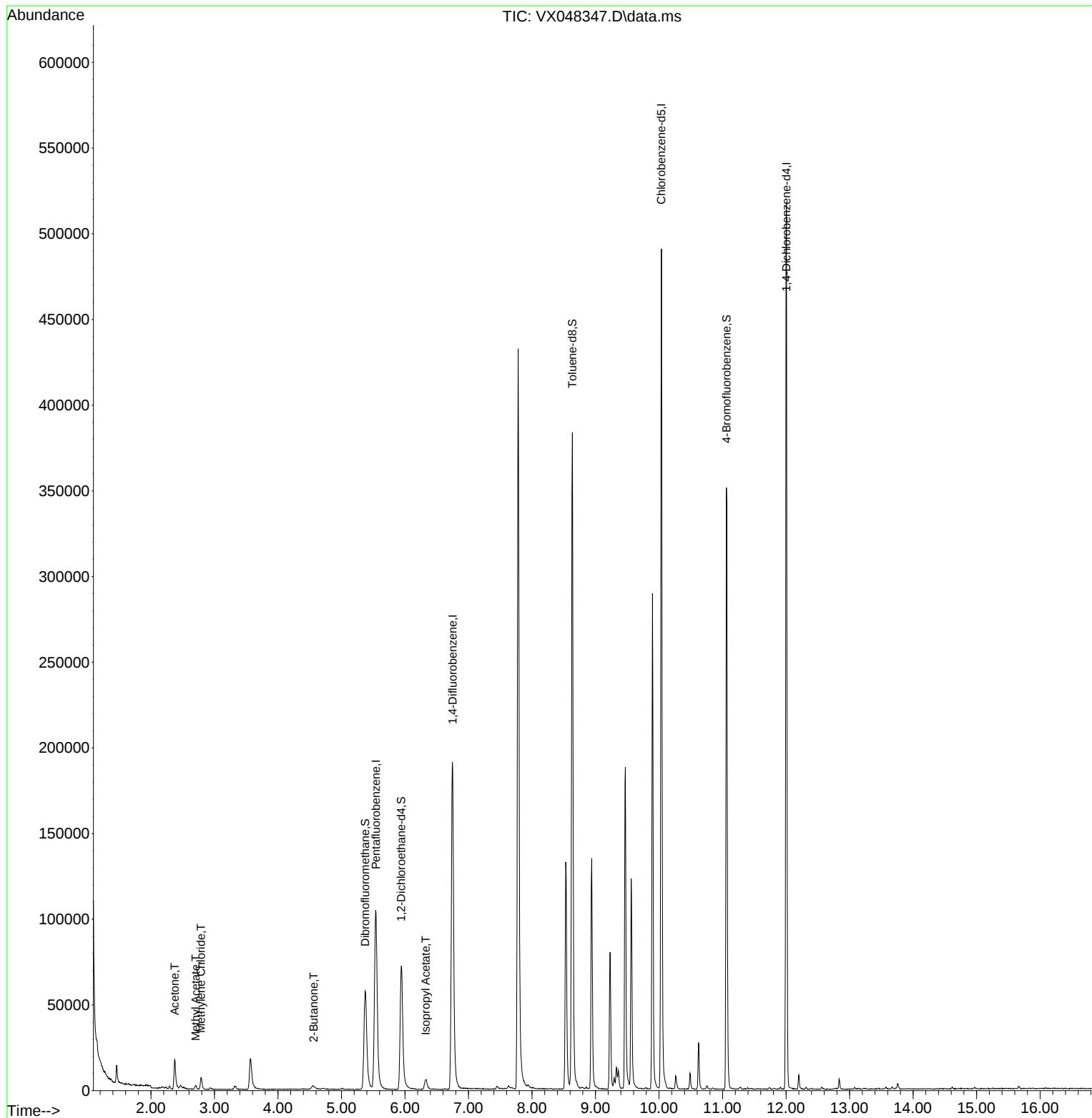
Internal Standards						
1) Pentafluorobenzene	5.544	168	102179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	205674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	81371	56.799	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.600%
35) Dibromofluoromethane	5.373	113	55121	39.257	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.520%
50) Toluene-d8	8.635	98	233832	47.511	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.061	95	100241	53.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.080%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	23405	47.622	ug/l	99
18) Methyl Acetate	2.703	43	2920	2.845	ug/l	97
20) Methylene Chloride	2.788	84	3389	2.830	ug/l	89
25) 2-Butanone	4.562	43	3798	6.105	ug/l #	82
43) Isopropyl Acetate	6.324	43	9497	3.495	ug/l	98

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

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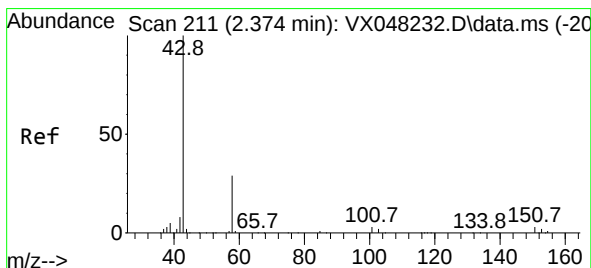
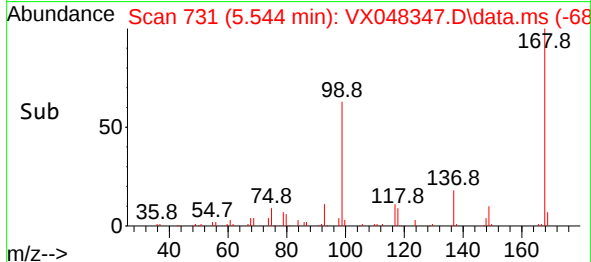
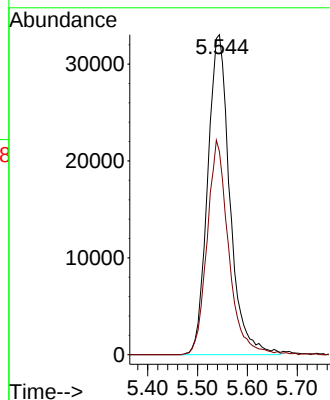
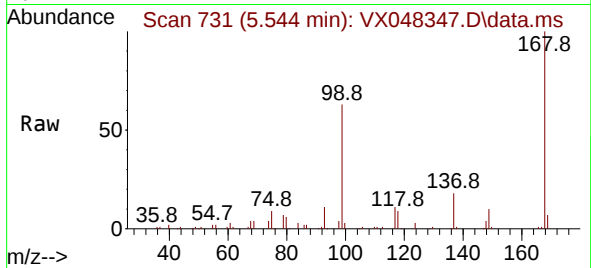




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

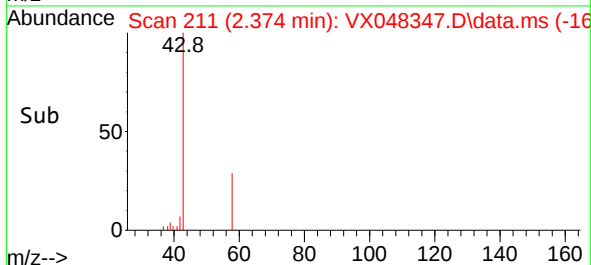
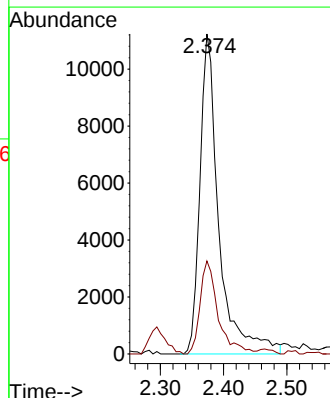
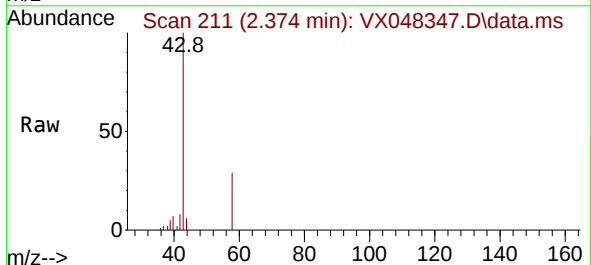
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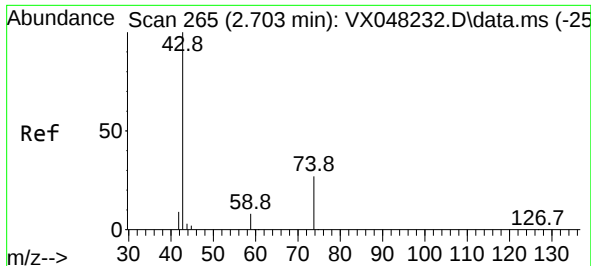
Tgt Ion:168 Resp: 102179
Ion Ratio Lower Upper
168 100
99 63.5 46.4 69.6



#16
Acetone
Concen: 47.622 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

Tgt Ion: 43 Resp: 23405
Ion Ratio Lower Upper
43 100
58 29.9 23.4 35.2

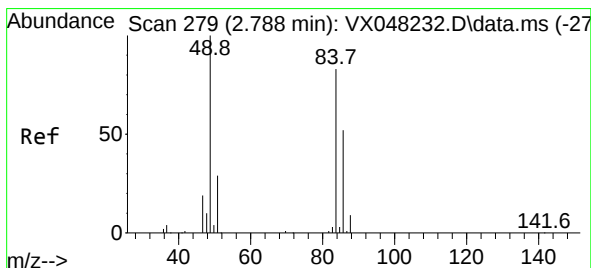
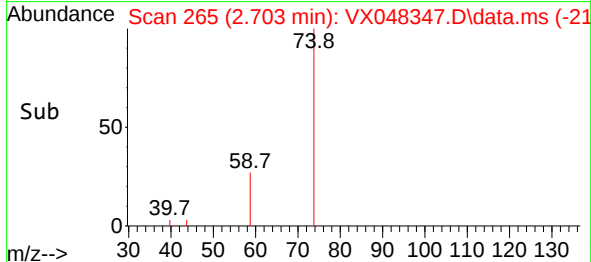
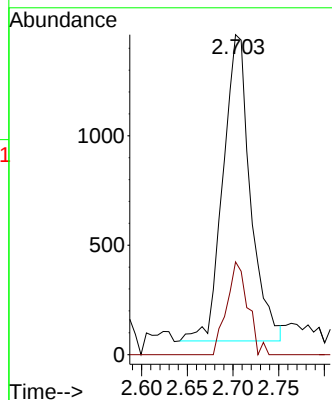
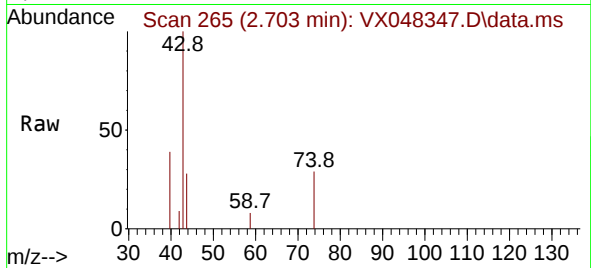




#18
Methyl Acetate
Concen: 2.845 ug/l
RT: 2.703 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

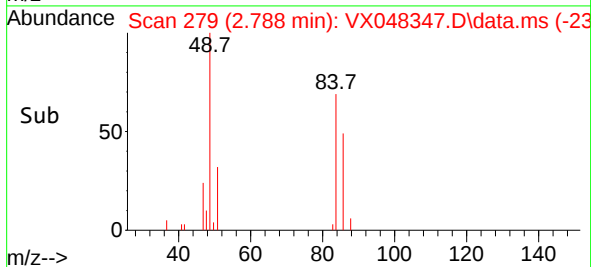
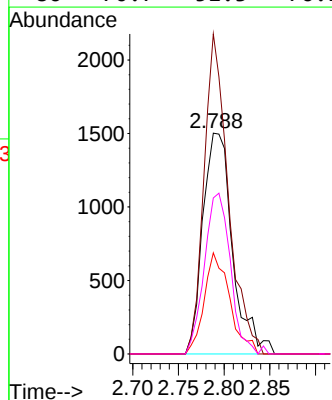
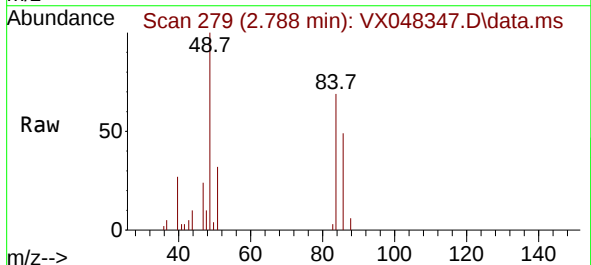
Instrument :
MSVOA_X
ClientSampleId :
MH-18

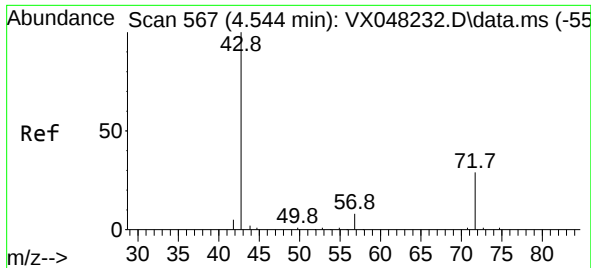
Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
74 23.3 17.5 26.3



#20
Methylene Chloride
Concen: 2.830 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

Tgt Ion: 84 Resp: 3389
Ion Ratio Lower Upper
84 100
49 144.9 104.1 156.1
51 45.8 31.3 46.9
86 70.7 51.3 76.9

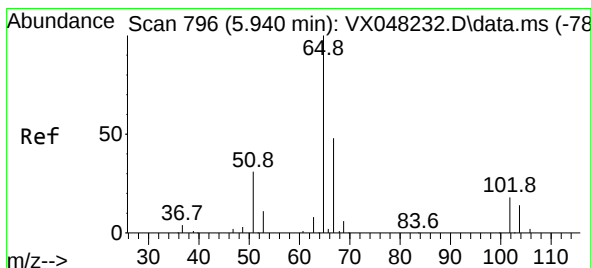
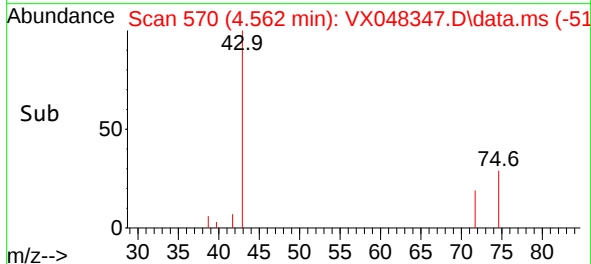
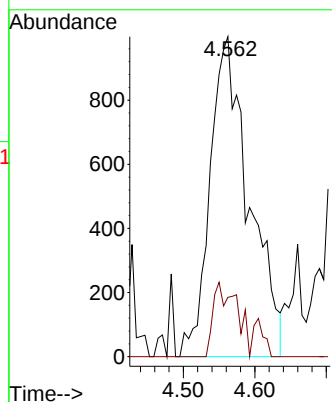
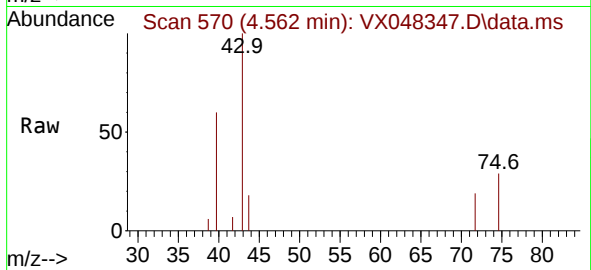




#25
2-Butanone
Concen: 6.105 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

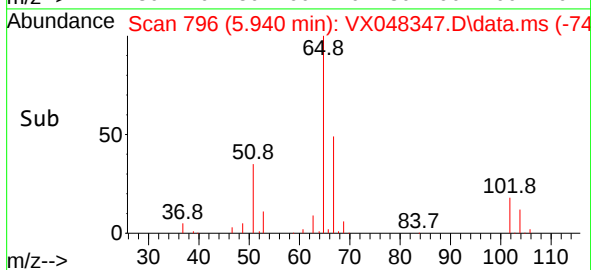
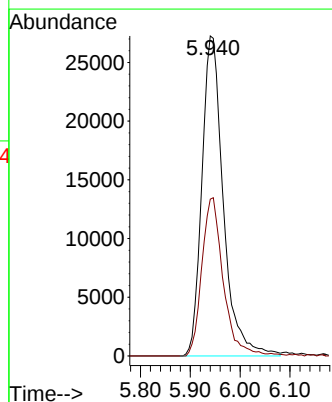
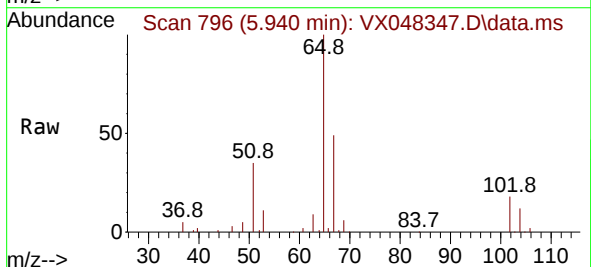
Instrument :
MSVOA_X
ClientSampleId :
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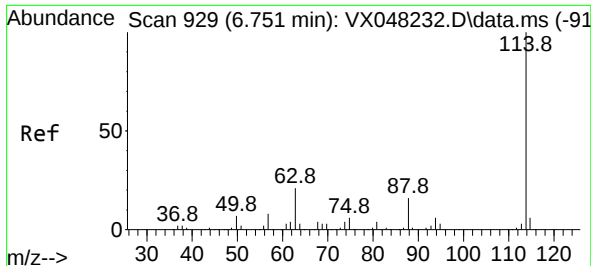
Tgt Ion: 43 Resp: 3798
Ion Ratio Lower Upper
43 100
72 15.7 19.9 29.9#



#33
1,2-Dichloroethane-d4
Concen: 56.799 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

Tgt Ion: 65 Resp: 81371
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.0

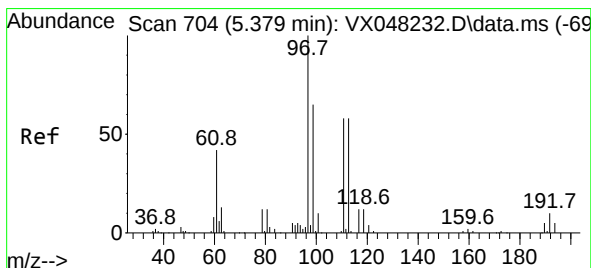
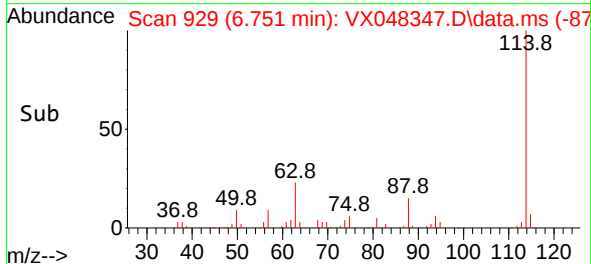
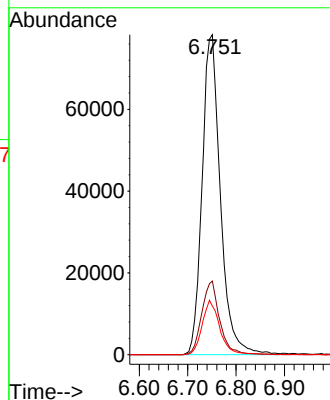
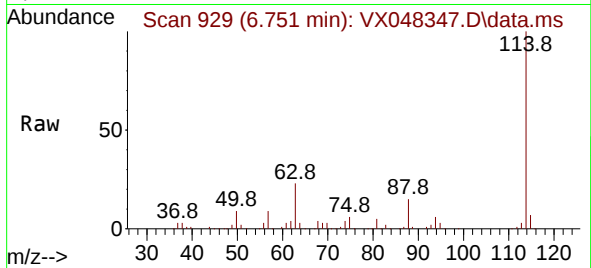




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

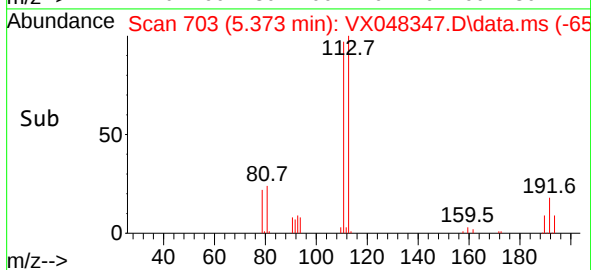
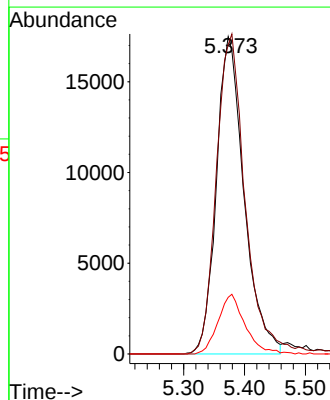
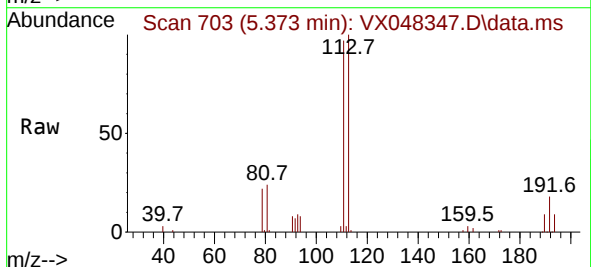
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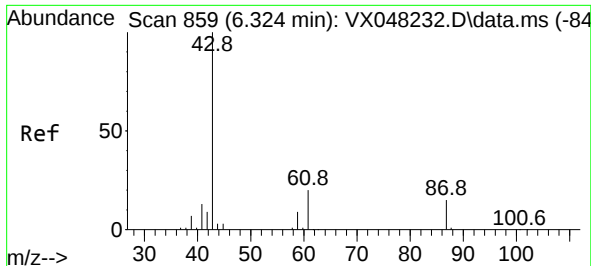
Tgt Ion:114 Resp: 205674
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.2
88 15.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 39.257 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

Tgt Ion:113 Resp: 55121
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.4
192 18.4 15.1 22.7

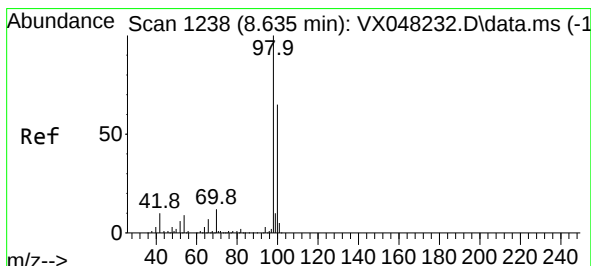
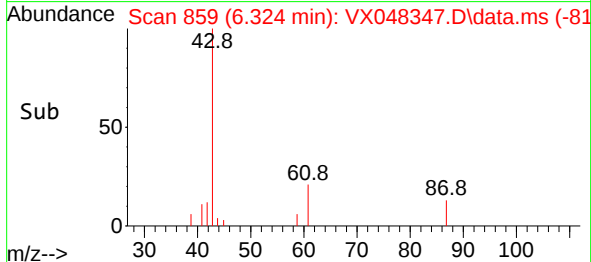
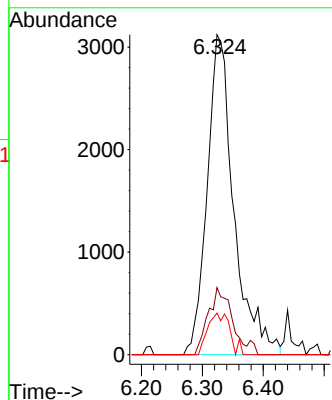
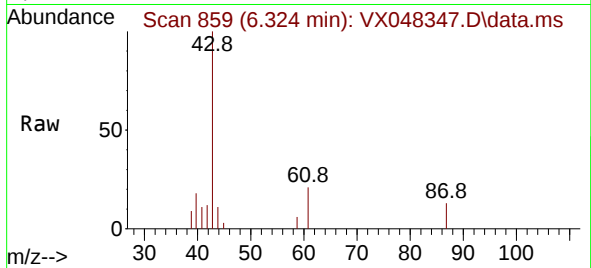




#43
Isopropyl Acetate
Concen: 3.495 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

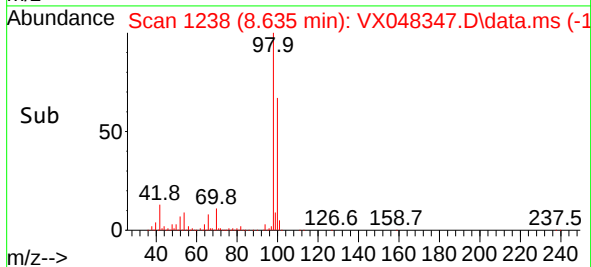
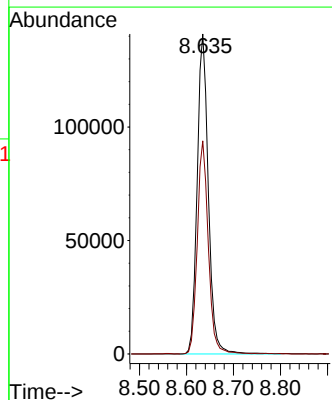
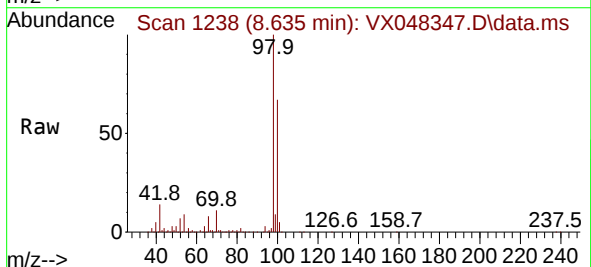
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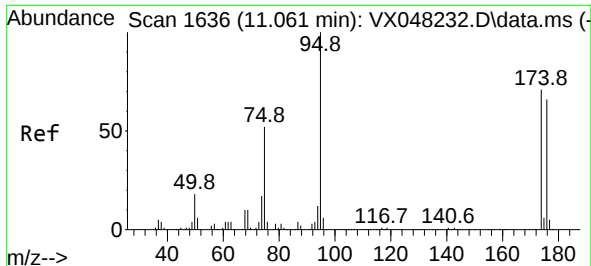
Tgt Ion: 43 Resp: 9497
Ion Ratio Lower Upper
43 100
61 18.3 14.9 22.3
87 10.7 9.4 14.2



#50
Toluene-d8
Concen: 47.511 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

Tgt Ion: 98 Resp: 233832
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

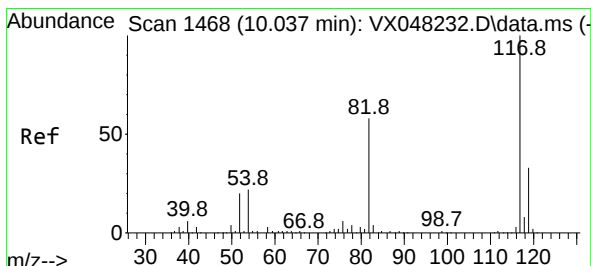
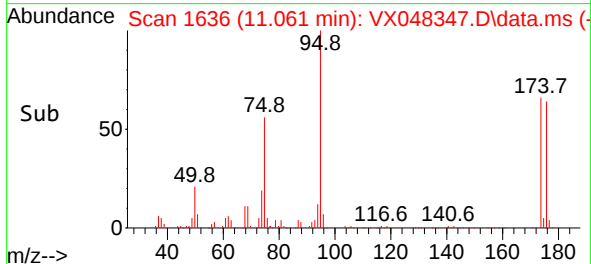
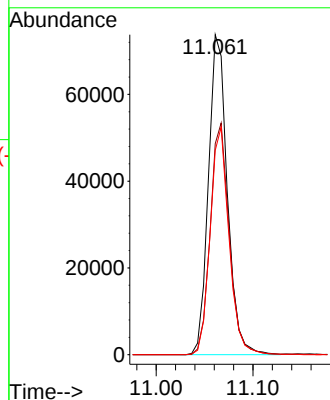
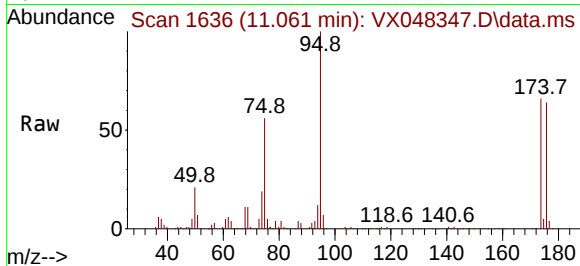




#62
4-Bromofluorobenzene
Concen: 53.538 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

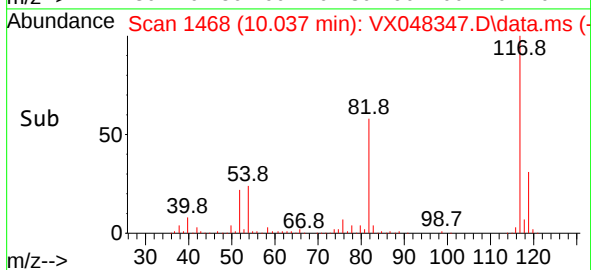
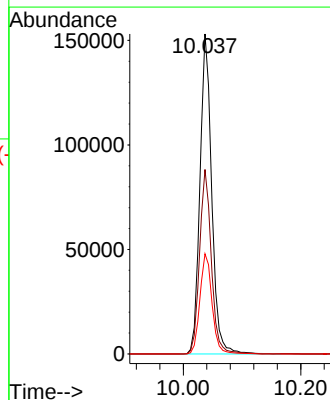
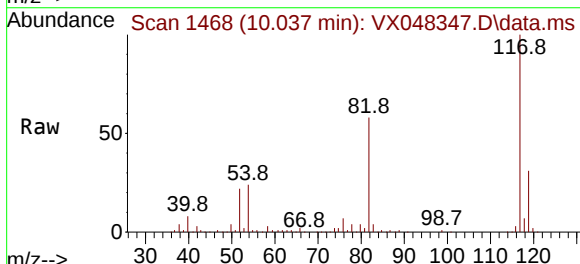
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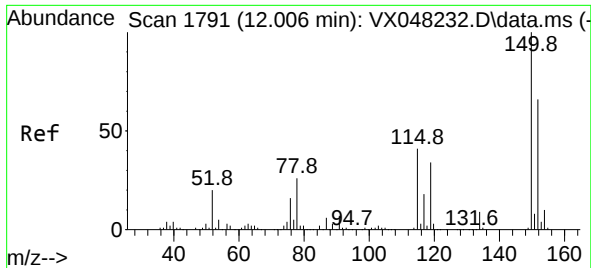
Tgt Ion: 95 Resp: 100241
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.8
176 70.6 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048347.D
Acq: 24 Oct 2025 12:26

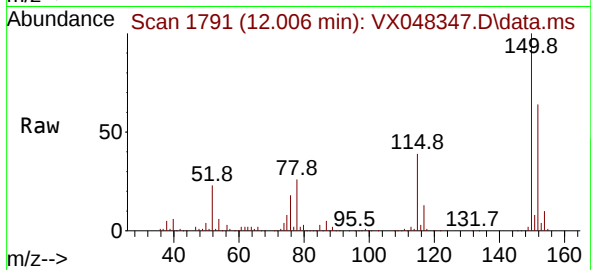
Tgt Ion: 117 Resp: 212806
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 31.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048347.D
 Acq: 24 Oct 2025 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 106315
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.1 129.4
 150 157.4 0.0 353.0

