

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048847.D
 Acq On : 12 Dec 2025 12:26
 Operator : JC/MD
 Sample : Q3828-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-03B-90-120925DL

Quant Time: Dec 12 22:11:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

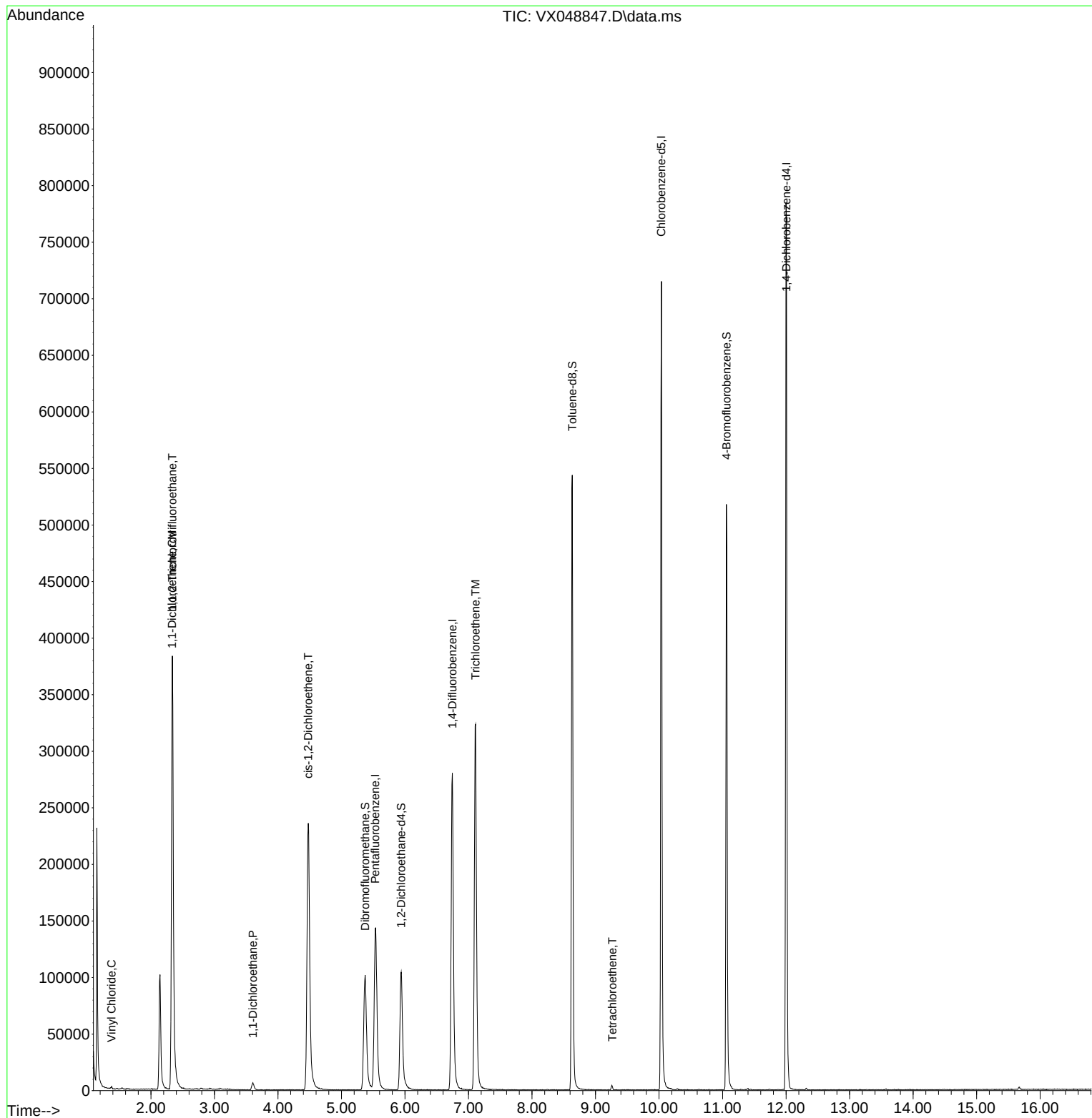
Internal Standards						
1) Pentafluorobenzene	5.531	168	149273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	310587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	339410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	178609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116556	58.176	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.360%	
35) Dibromofluoromethane	5.373	113	101503	47.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.920%	
50) Toluene-d8	8.635	98	344261	45.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.860%#	
62) 4-Bromofluorobenzene	11.061	95	150309	58.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.300%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	876	0.429	ug/l #	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	176276	103.794	ug/l	98
12) 1,1-Dichloroethene	2.331	96	1043	0.602	ug/l	84
24) 1,1-Dichloroethane	3.605	63	8309	2.740	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	170392	85.352	ug/l	94
44) Trichloroethene	7.110	130	139882	61.742	ug/l	96
64) Tetrachloroethene	9.263	164	705	0.285	ug/l #	87

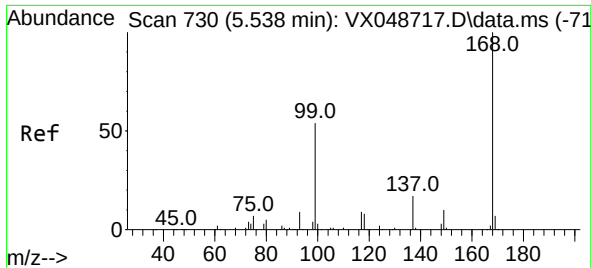
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RMW-03B-90-120925DL

Quant Time: Dec 12 22:11:32 2025
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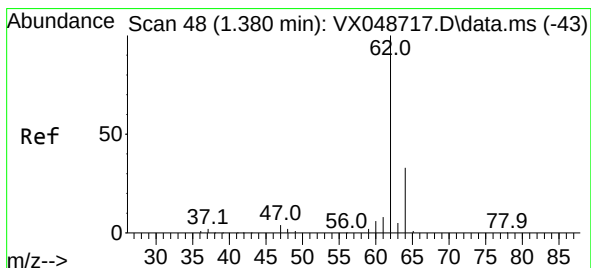
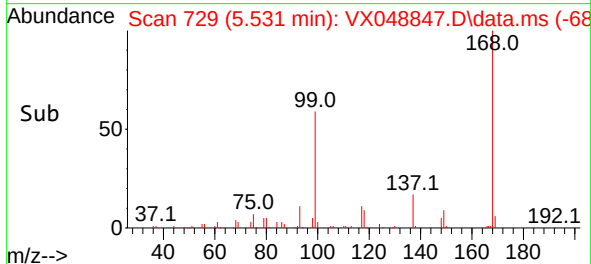
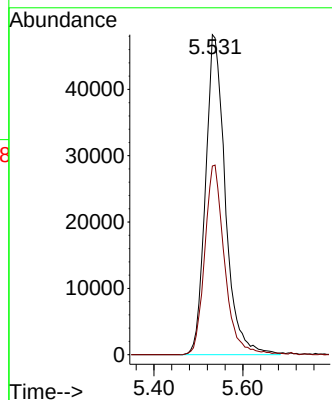
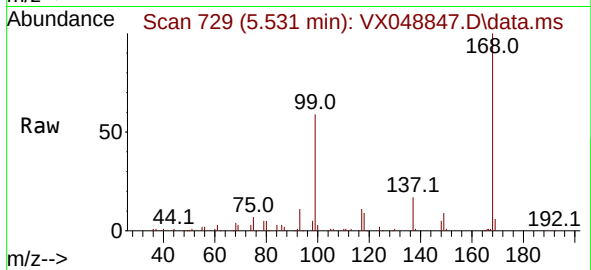




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

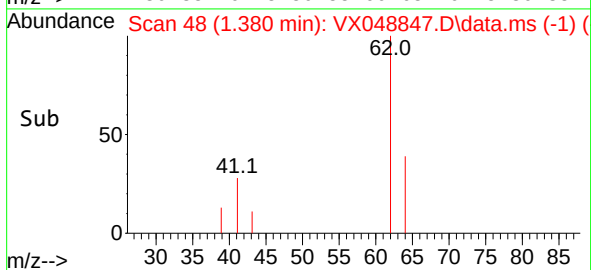
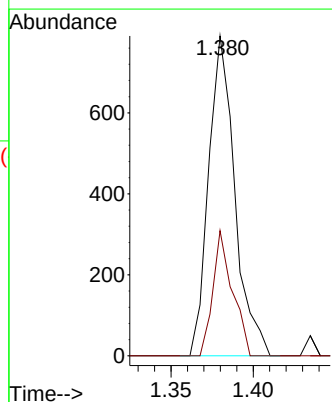
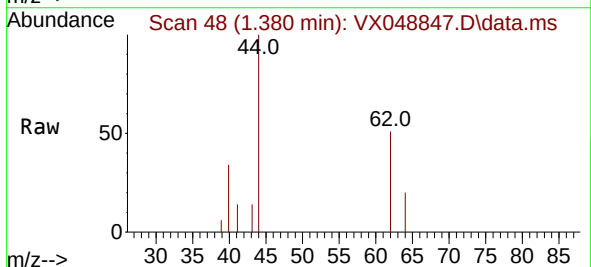
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

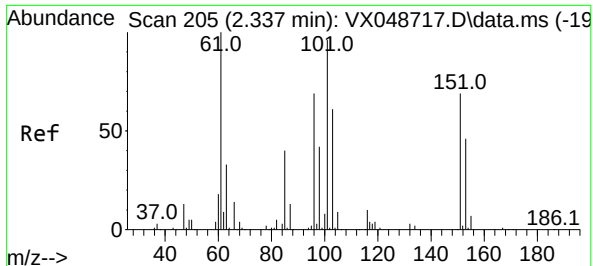
Tgt Ion:168 Resp: 149273
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#4
Vinyl Chloride
Concen: 0.429 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion: 62 Resp: 876
Ion Ratio Lower Upper
62 100
64 39.1 26.0 39.0#

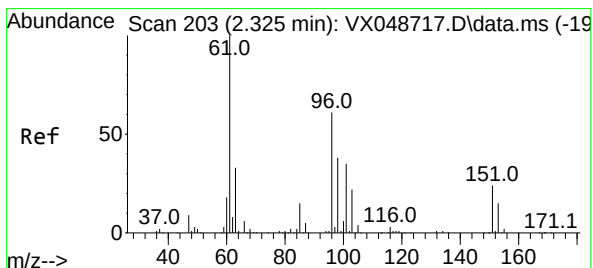
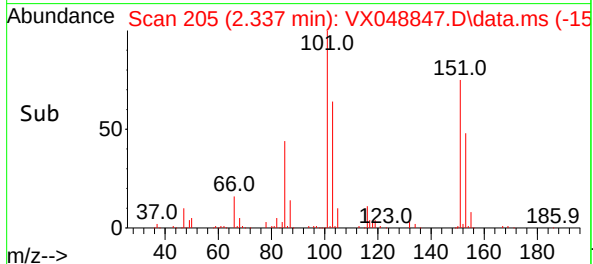
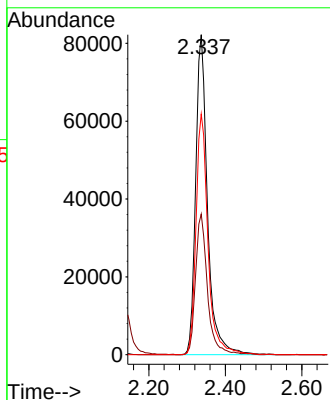
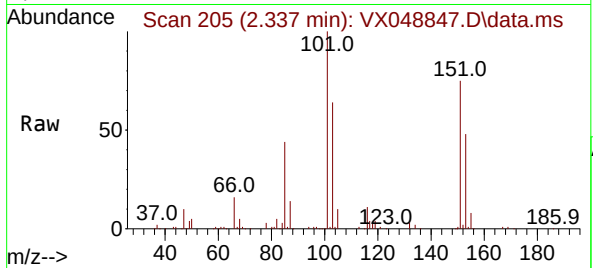




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 103.794 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX048847.D
 Acq: 12 Dec 2025 12:26

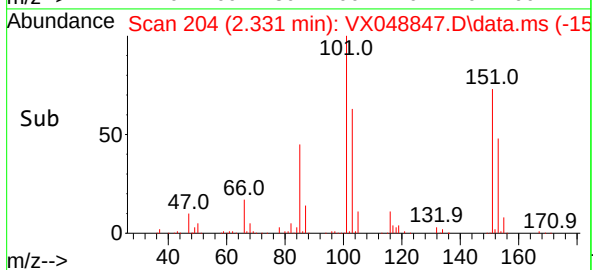
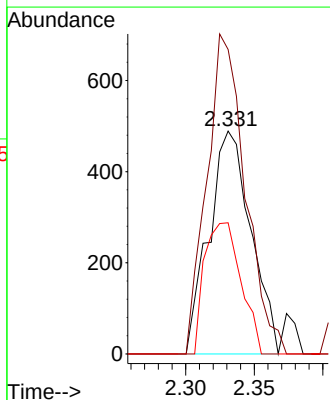
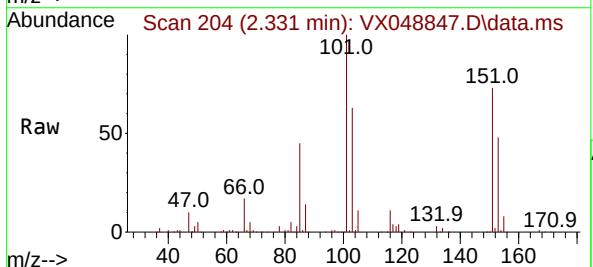
Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-03B-90-120925DL

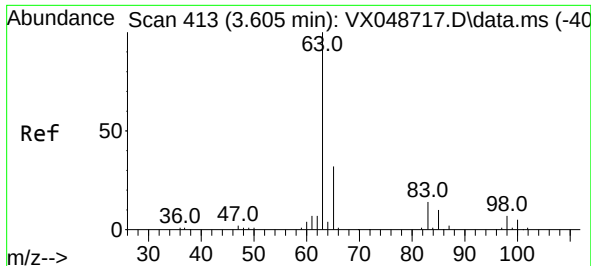
Tgt Ion:101 Resp: 176276
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.2 51.2
 151 76.3 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 0.602 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX048847.D
 Acq: 12 Dec 2025 12:26

Tgt Ion: 96 Resp: 1043
 Ion Ratio Lower Upper
 96 100
 61 136.6 130.7 196.1
 98 58.9 49.8 74.8

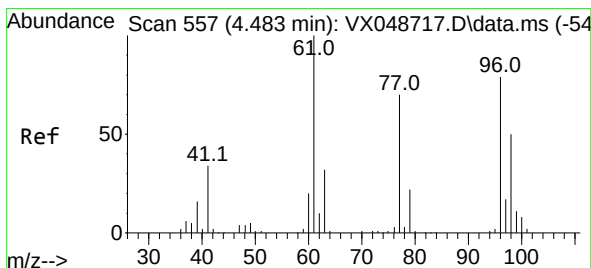
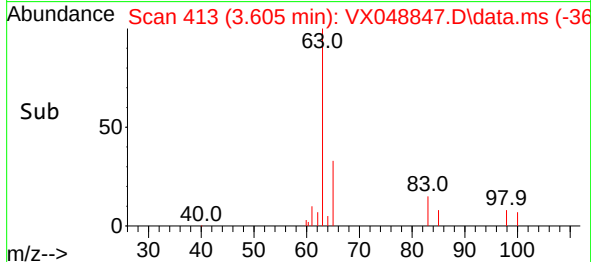
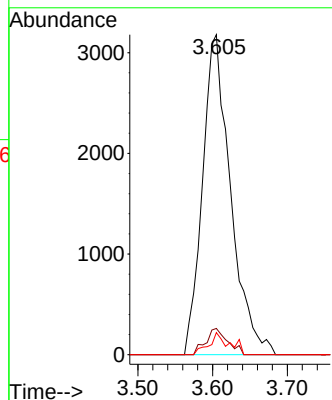
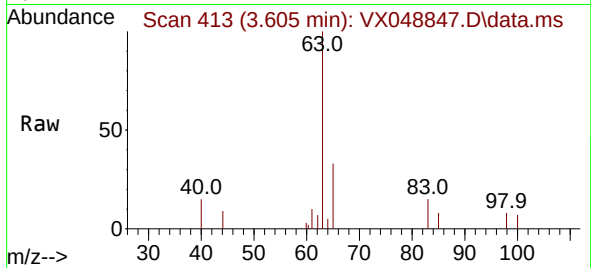




#24
1,1-Dichloroethane
Concen: 2.740 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

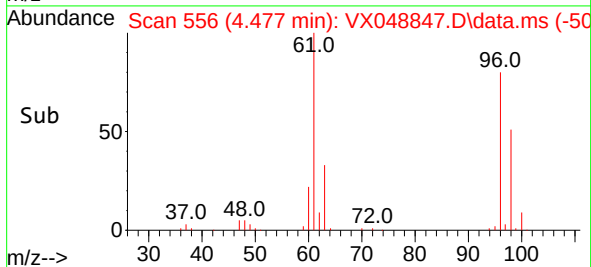
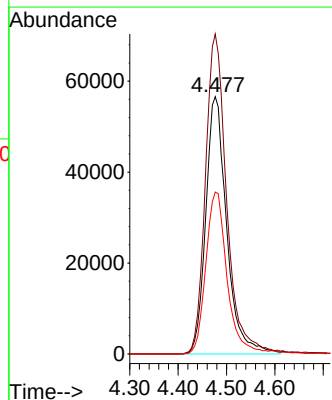
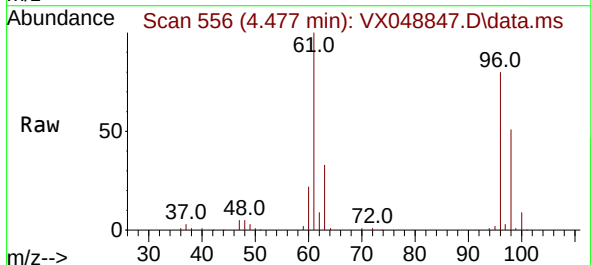
Instrument :
MSVOA_X
ClientSampleId :
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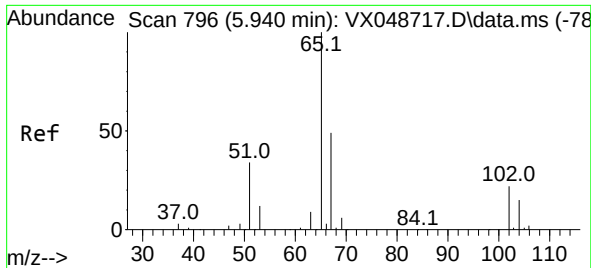
Tgt Ion: 63	Resp:	8309
Ion Ratio	Lower	Upper
63	100	
98	8.2	3.5 10.6
100	6.9	2.5 7.4



#27
cis-1,2-Dichloroethene
Concen: 85.352 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion: 96	Resp:	170392
Ion Ratio	Lower	Upper
96	100	
61	126.1	0.0 271.0
98	64.5	0.0 130.2

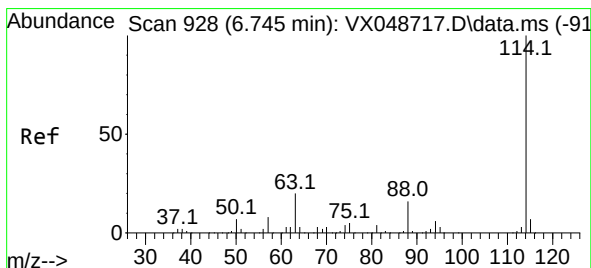
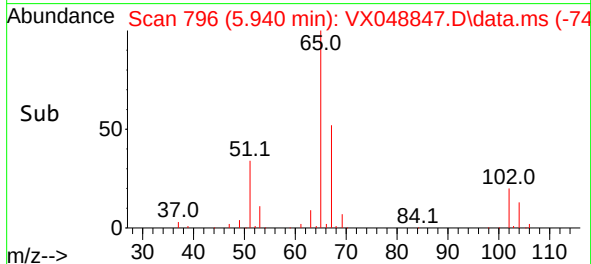
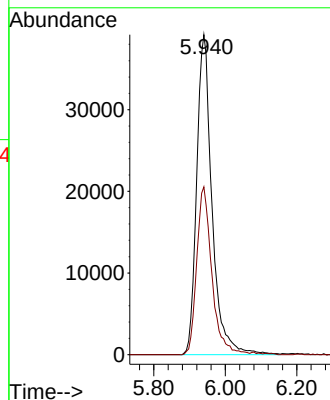
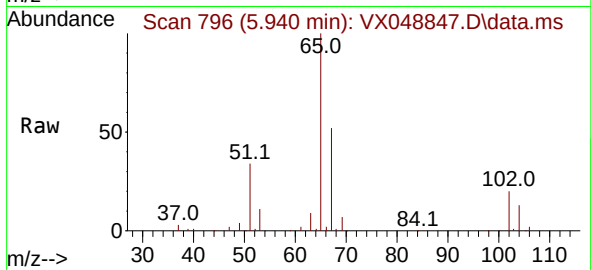




#33
 1,2-Dichloroethane-d4
 Concen: 58.176 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048847.D
 Acq: 12 Dec 2025 12:26

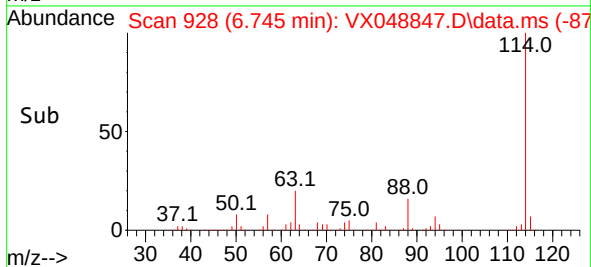
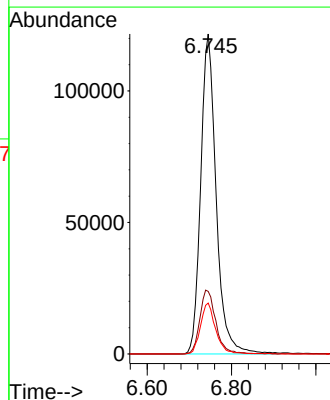
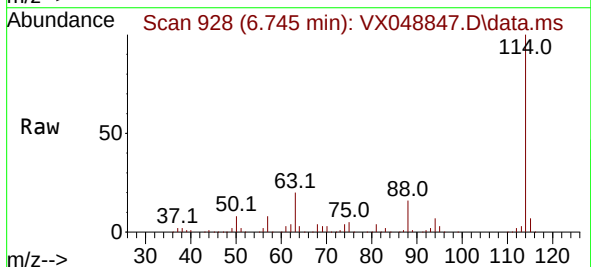
Instrument :
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 ClientSampleId :
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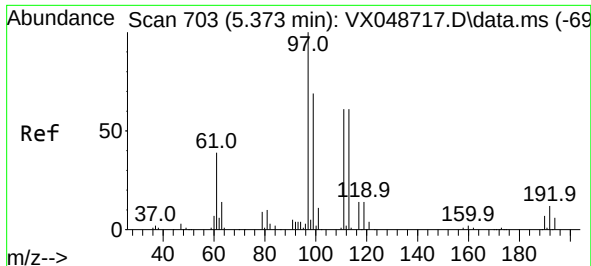
Tgt Ion: 65 Resp: 116556
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048847.D
 Acq: 12 Dec 2025 12:26

Tgt Ion: 114 Resp: 310587
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.9 0.0 31.8

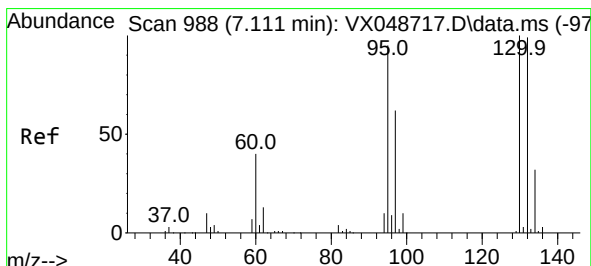
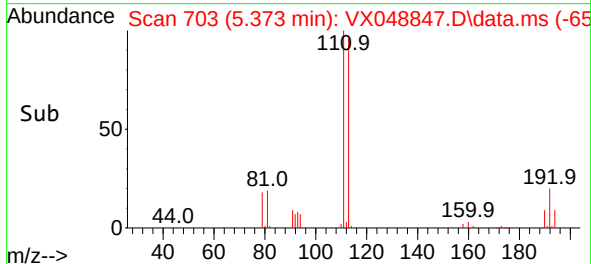
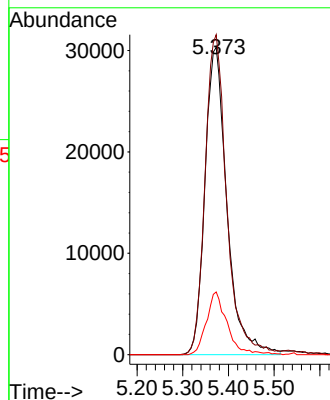
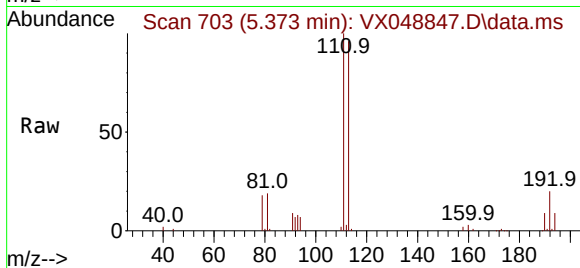




#35
Dibromofluoromethane
Concen: 47.464 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

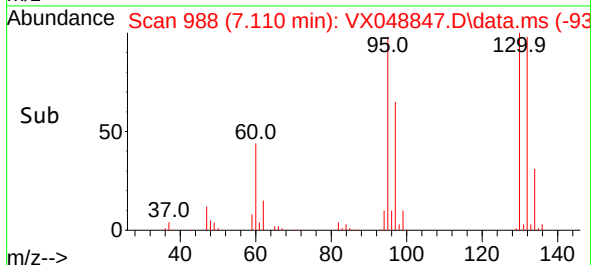
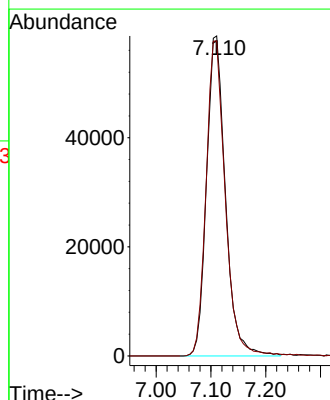
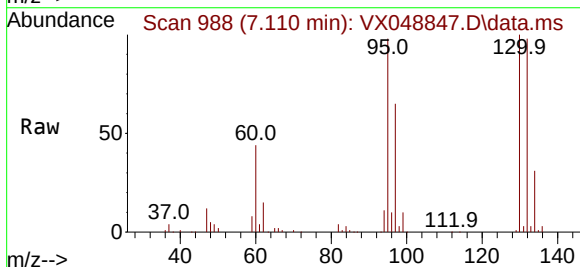
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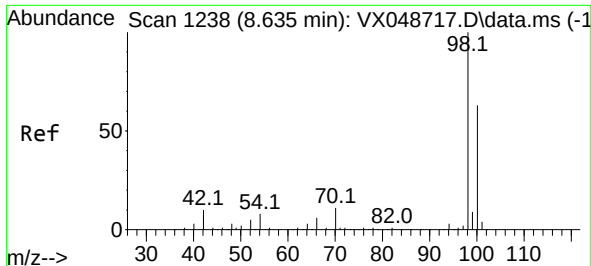
Tgt Ion:113 Resp: 101503
Ion Ratio Lower Upper
113 100
111 102.3 79.5 119.3
192 19.3 16.1 24.1



#44
Trichloroethene
Concen: 61.742 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion:130 Resp: 139882
Ion Ratio Lower Upper
130 100
95 98.4 0.0 189.6

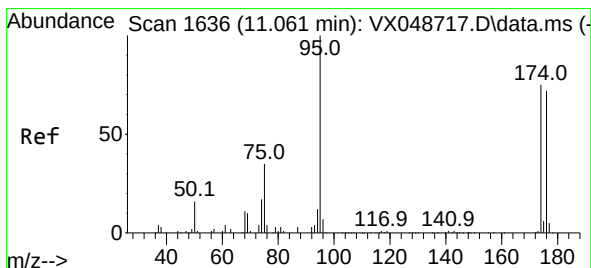
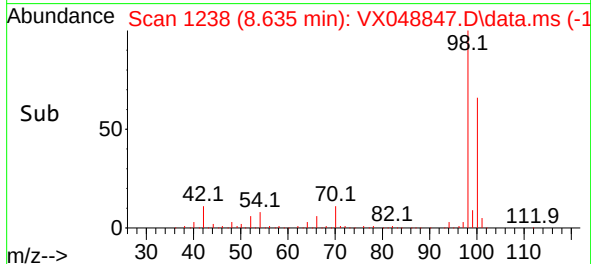
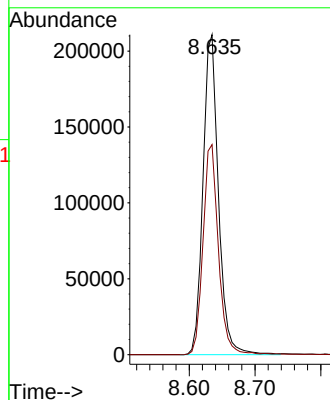
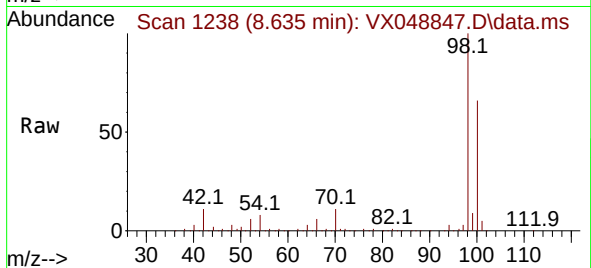




#50
Toluene-d8
Concen: 45.925 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

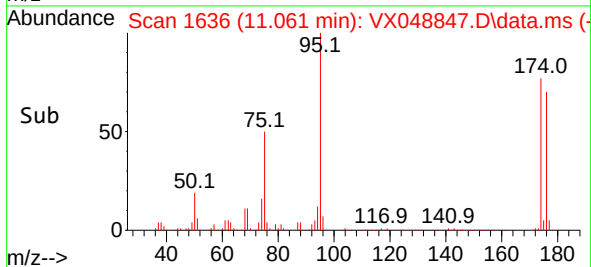
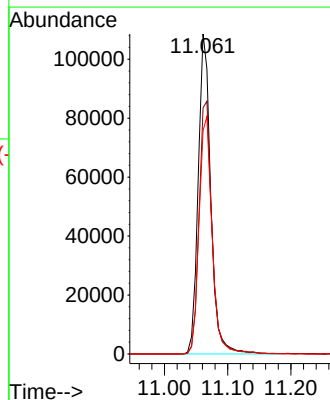
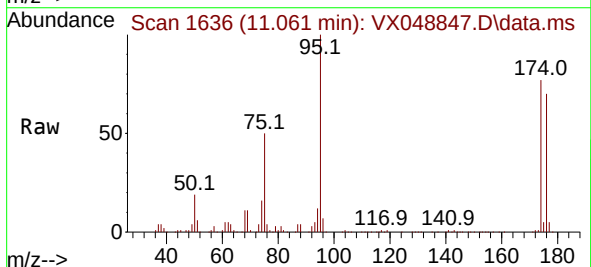
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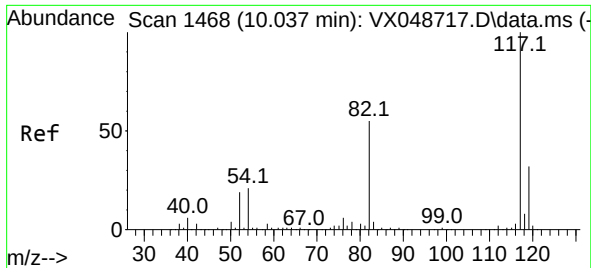
Tgt Ion: 98 Resp: 344261
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 58.149 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion: 95 Resp: 150309
Ion Ratio Lower Upper
95 100
174 81.4 0.0 157.8
176 77.6 0.0 154.0

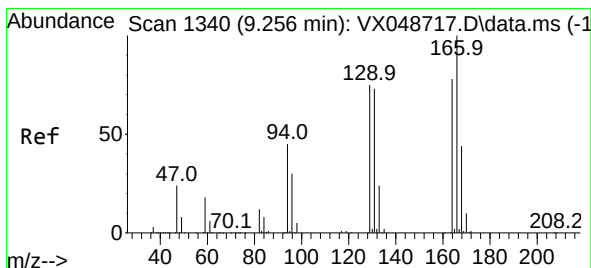
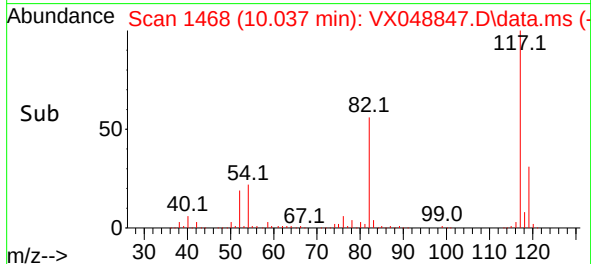
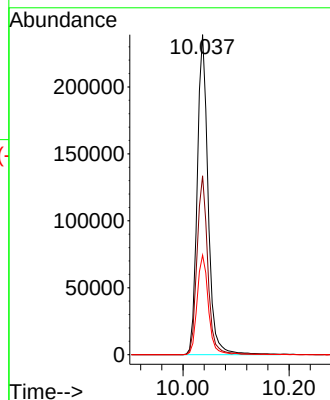
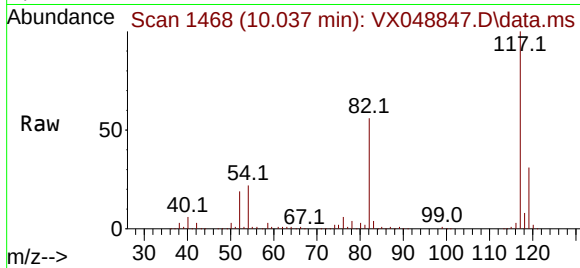




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

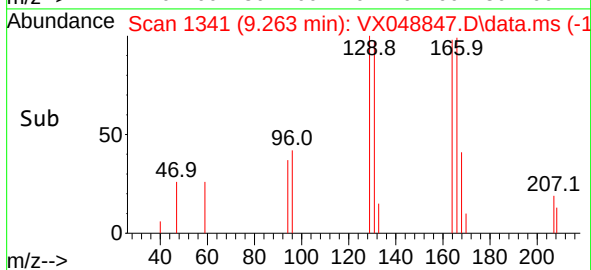
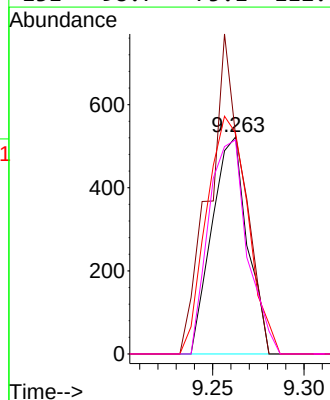
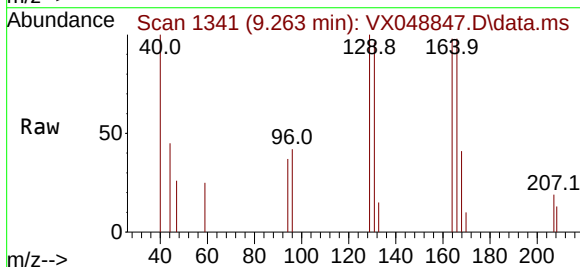
Instrument :
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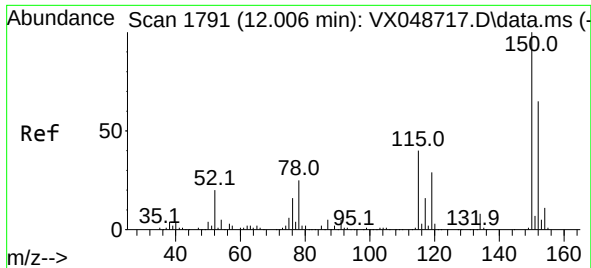
Tgt Ion:117 Resp: 339410
Ion Ratio Lower Upper
117 100
82 55.9 44.1 66.1
119 31.1 25.2 37.8



#64
Tetrachloroethene
Concen: 0.285 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

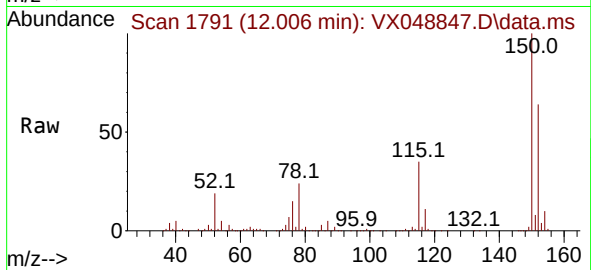
Tgt Ion:164 Resp: 705
Ion Ratio Lower Upper
164 100
166 100.6 103.1 154.7#
129 101.9 76.9 115.3
131 98.7 75.1 112.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048847.D
 Acq: 12 Dec 2025 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-03B-90-120925DL



Tgt Ion:152 Resp: 178609
 Ion Ratio Lower Upper
 152 100
 115 58.7 42.1 126.4
 150 159.0 0.0 347.8

