

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048848.D
 Acq On : 12 Dec 2025 12:48
 Operator : JC/MD
 Sample : Q3835-01DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-121025DL

Quant Time: Dec 12 22:11:53 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)

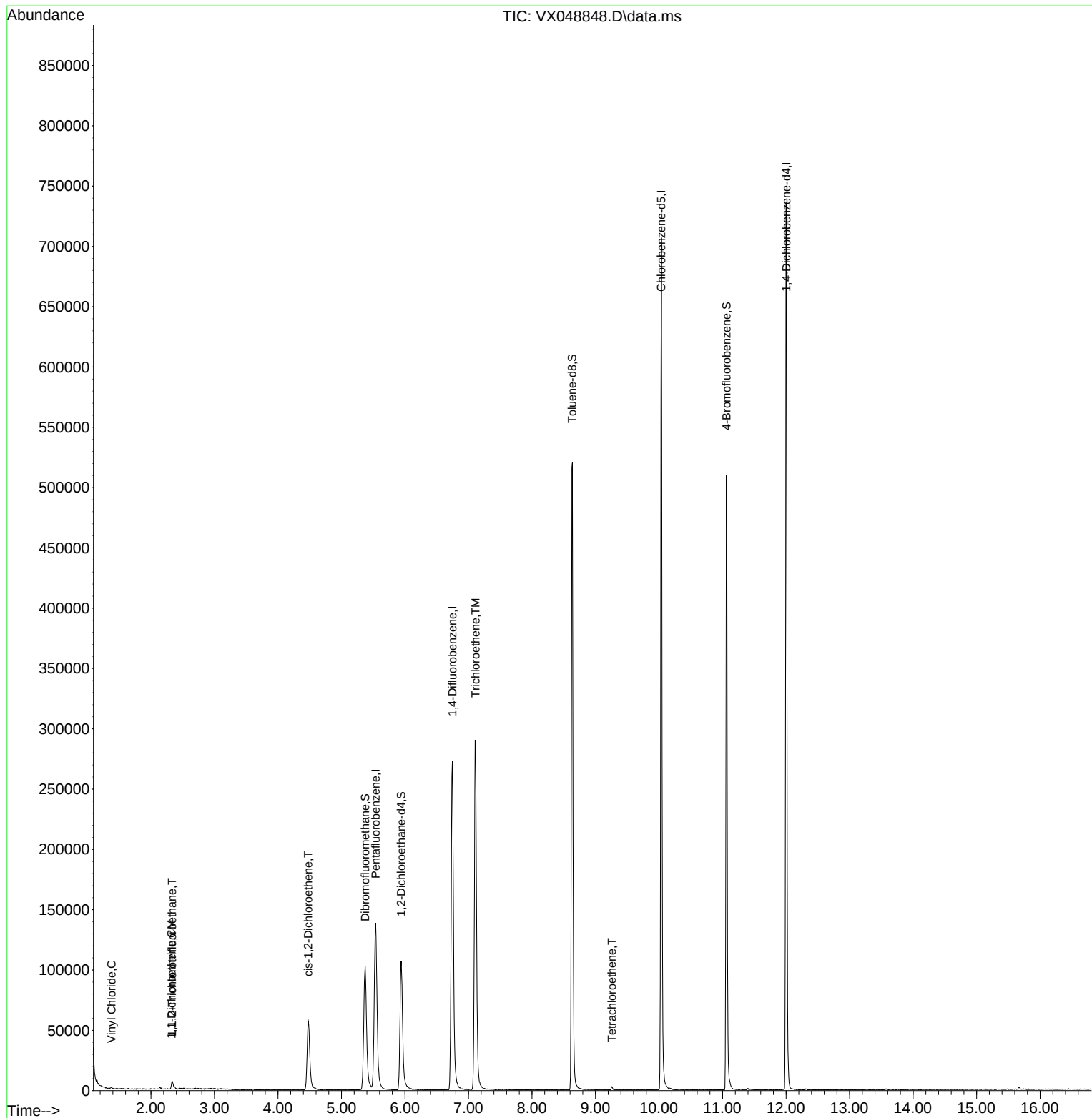
Internal Standards						
1) Pentafluorobenzene	5.538	168	143724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	302254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	330363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	169799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116888	60.594	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 121.180%#		
35) Dibromofluoromethane	5.373	113	99546	47.833	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.660%		
50) Toluene-d8	8.628	98	341875	46.864	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 93.720%		
62) 4-Bromofluorobenzene	11.061	95	146324	58.168	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 116.340%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	545	0.277	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	2.331	101	2920	1.786	ug/l	97
12) 1,1-Dichloroethene	2.325	96	441	0.264	ug/l #	62
27) cis-1,2-Dichloroethene	4.477	96	40079	20.851	ug/l	97
44) Trichloroethene	7.110	130	126532	57.389	ug/l	99
64) Tetrachloroethene	9.256	164	533	0.221	ug/l #	80

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

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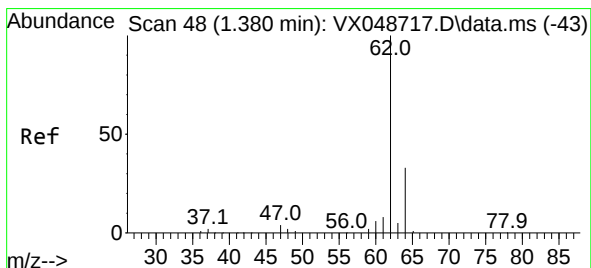
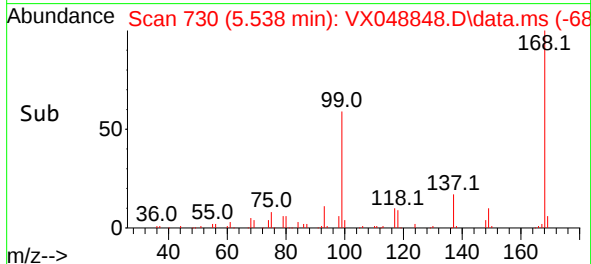
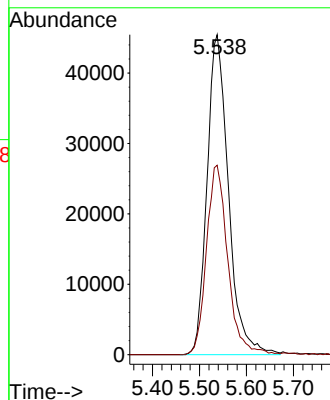
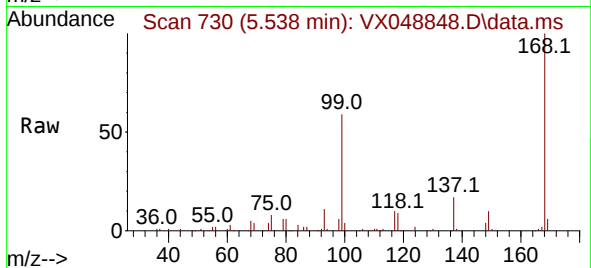




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048848.D
Acq: 12 Dec 2025 12:48

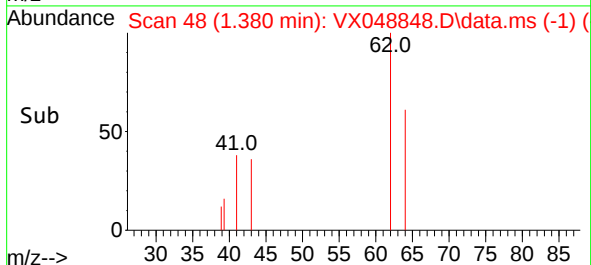
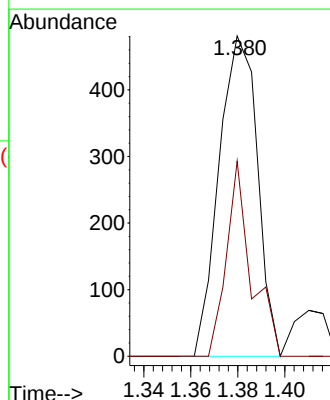
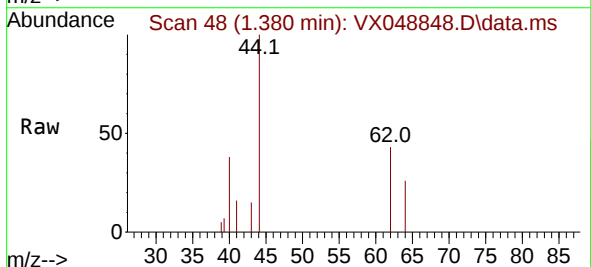
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-121025DL

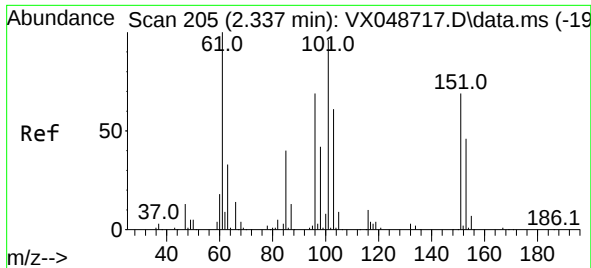
Tgt Ion:168 Resp: 143724
Ion Ratio Lower Upper
168 100
99 59.2 44.2 66.4



#4
Vinyl Chloride
Concen: 0.277 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048848.D
Acq: 12 Dec 2025 12:48

Tgt Ion: 62 Resp: 545
Ion Ratio Lower Upper
62 100
64 60.9 26.0 39.0#

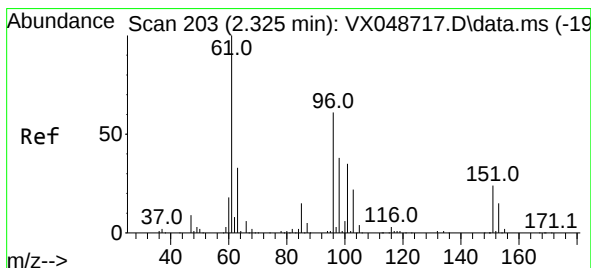
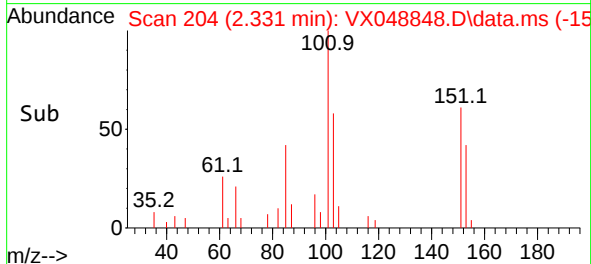
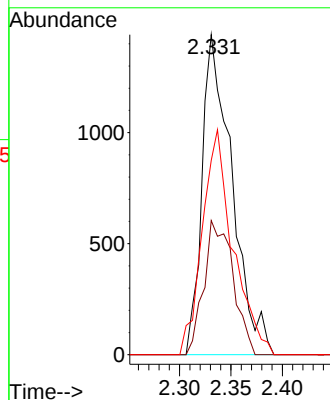
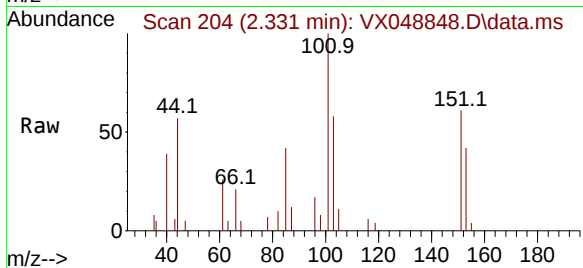




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.786 ug/l
 RT: 2.331 min Scan# 205
 Delta R.T. -0.006 min
 Lab File: VX048848.D
 Acq: 12 Dec 2025 12:48

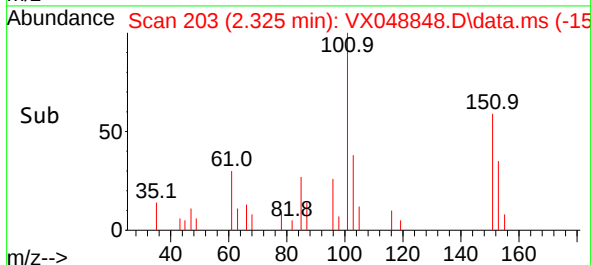
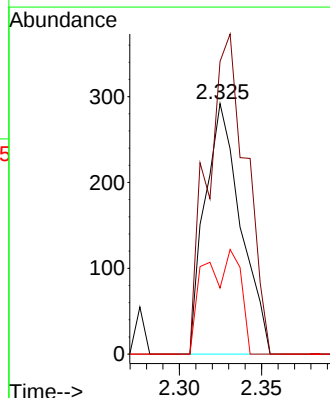
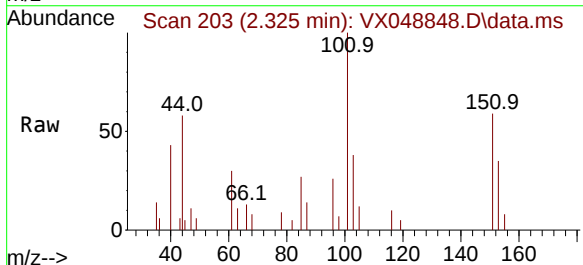
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-121025DL

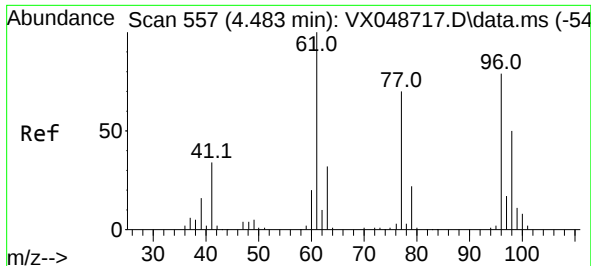
Tgt Ion:	101	Resp:	2920
Ion	Ratio	Lower	Upper
101	100		
85	40.6	34.2	51.2
151	72.3	60.2	90.4



#12
 1,1-Dichloroethene
 Concen: 0.264 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX048848.D
 Acq: 12 Dec 2025 12:48

Tgt Ion:	96	Resp:	441
Ion	Ratio	Lower	Upper
96	100		
61	116.8	130.7	196.1#
98	26.4	49.8	74.8#

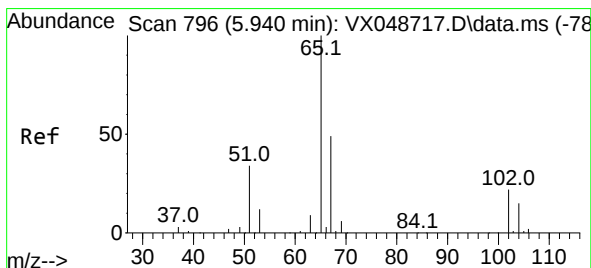
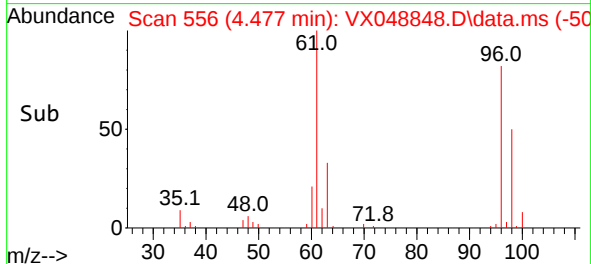
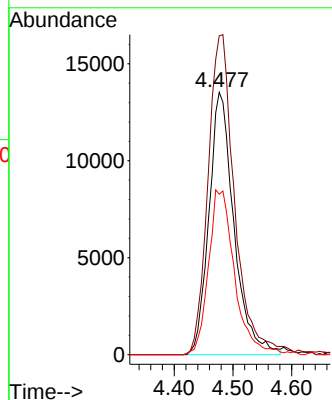
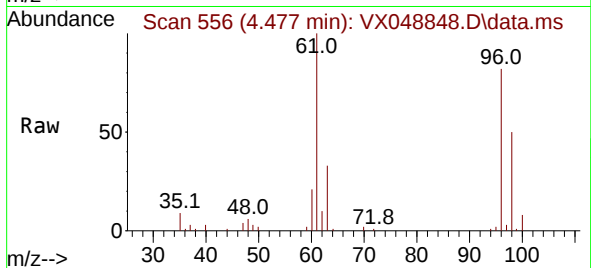




#27
 cis-1,2-Dichloroethene
 Concen: 20.851 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX048848.D
 Acq: 12 Dec 2025 12:48

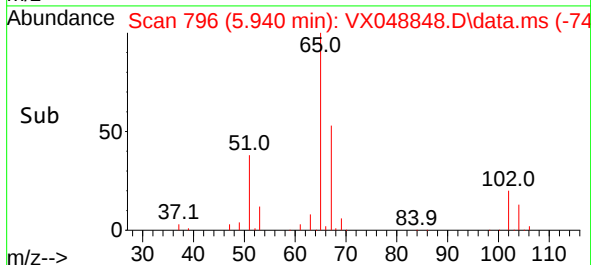
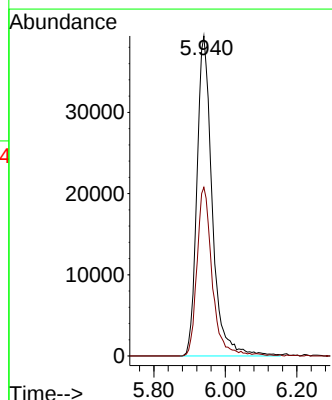
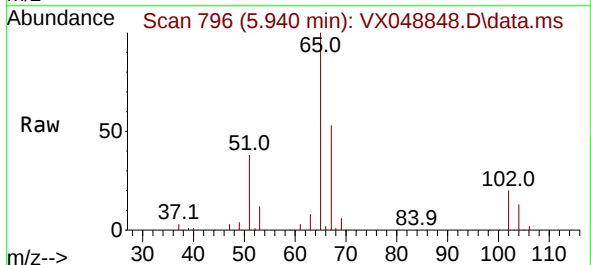
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-121025DL

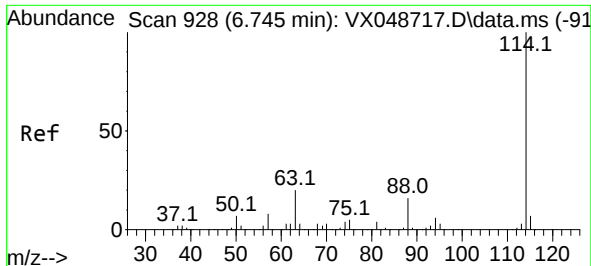
Tgt Ion: 96 Resp: 40079
 Ion Ratio Lower Upper
 96 100
 61 129.7 0.0 271.0
 98 65.4 0.0 130.2



#33
 1,2-Dichloroethane-d4
 Concen: 60.594 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048848.D
 Acq: 12 Dec 2025 12:48

Tgt Ion: 65 Resp: 116888
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.4

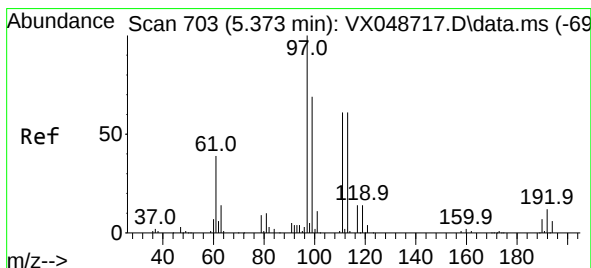
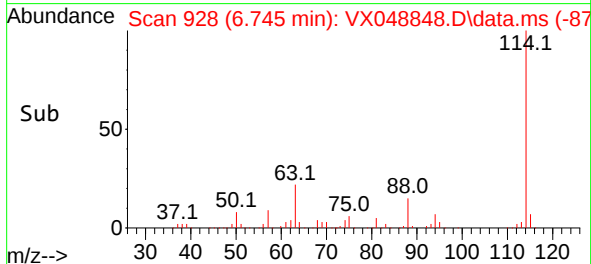
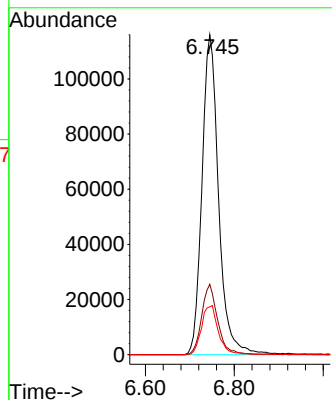
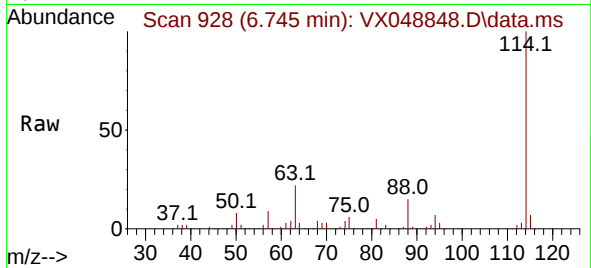




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048848.D
Acq: 12 Dec 2025 12:48

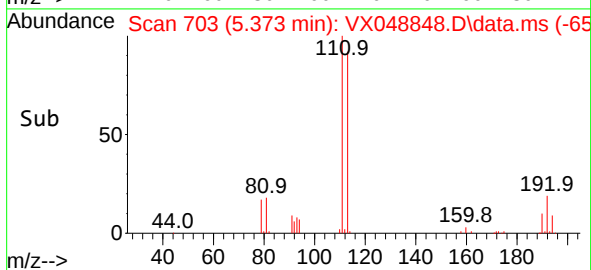
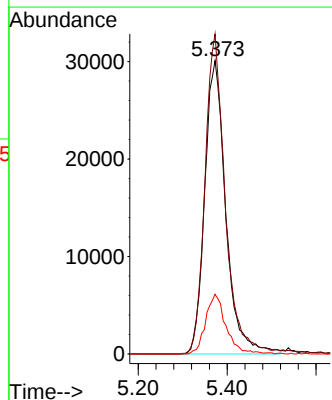
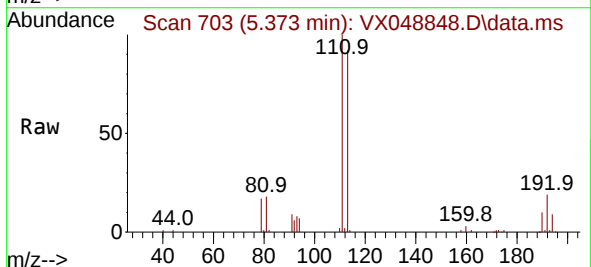
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-121025DL

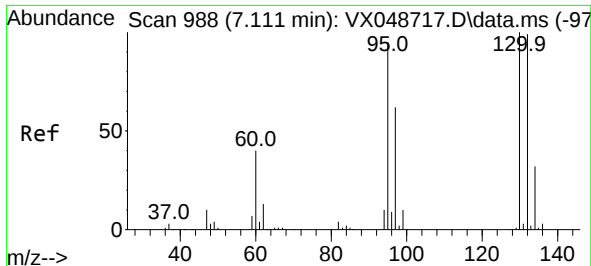
Tgt Ion:114 Resp: 302254
Ion Ratio Lower Upper
114 100
63 22.0 0.0 39.0
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.833 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048848.D
Acq: 12 Dec 2025 12:48

Tgt Ion:113 Resp: 99546
Ion Ratio Lower Upper
113 100
111 103.8 79.5 119.3
192 19.5 16.1 24.1

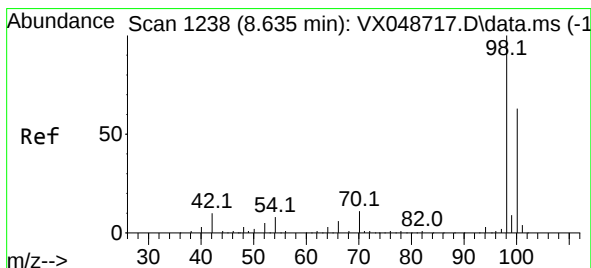
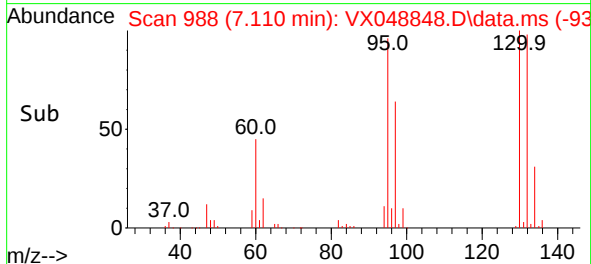
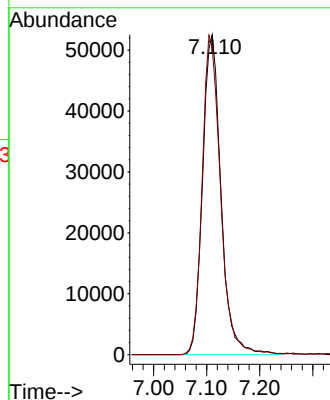
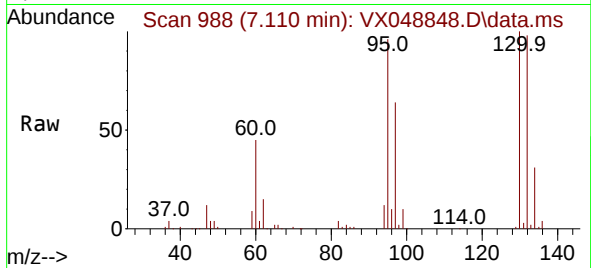




#44
Trichloroethene
Concen: 57.389 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048848.D
Acq: 12 Dec 2025 12:48

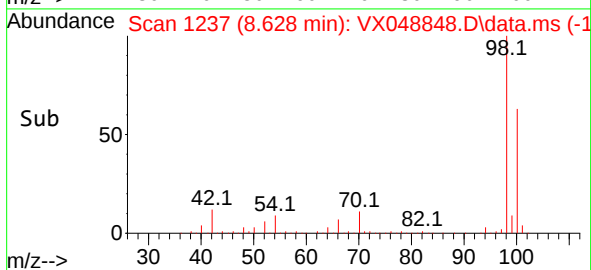
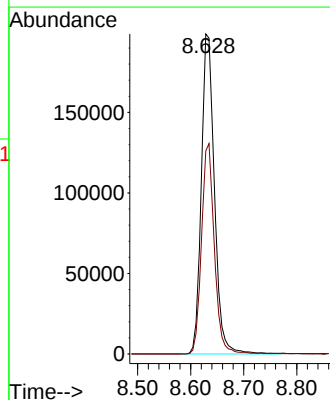
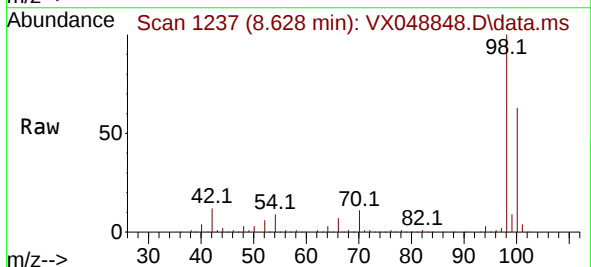
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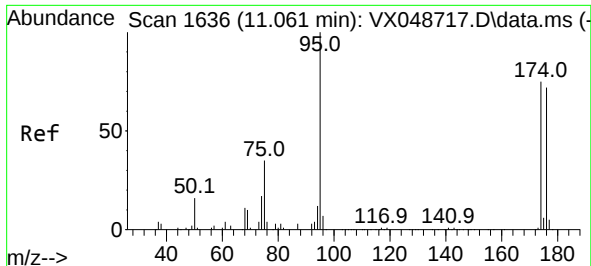
Tgt Ion:130 Resp: 126532
Ion Ratio Lower Upper
130 100
95 96.2 0.0 189.6



#50
Toluene-d8
Concen: 46.864 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048848.D
Acq: 12 Dec 2025 12:48

Tgt Ion: 98 Resp: 341875
Ion Ratio Lower Upper
98 100
100 64.3 53.4 80.0

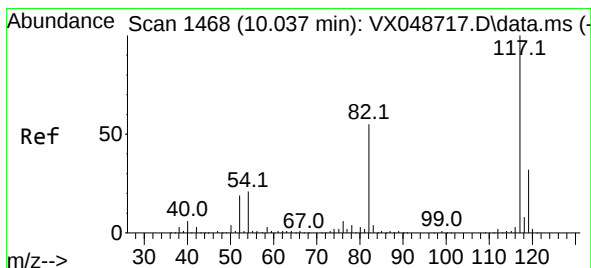
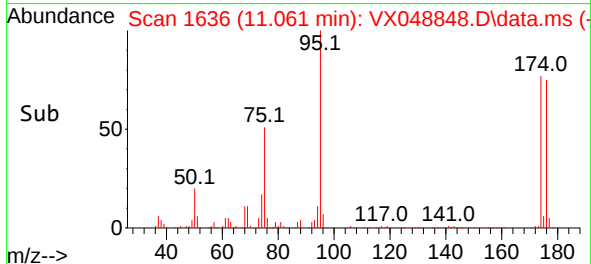
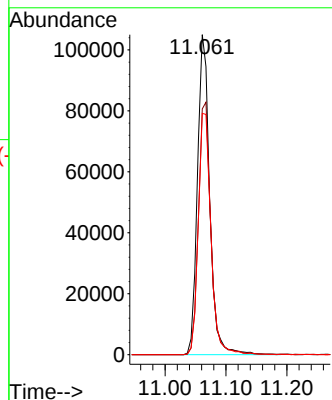
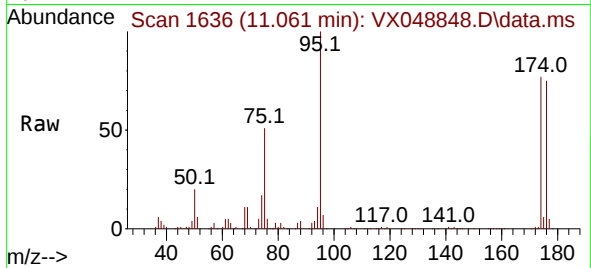




#62
4-Bromofluorobenzene
Concen: 58.168 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048848.D
Acq: 12 Dec 2025 12:48

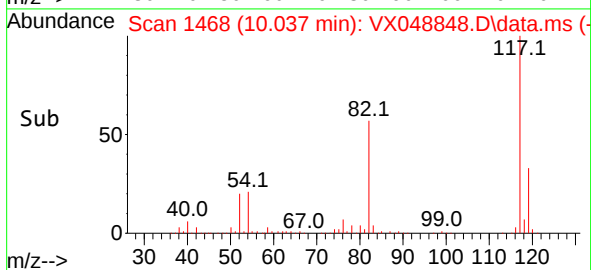
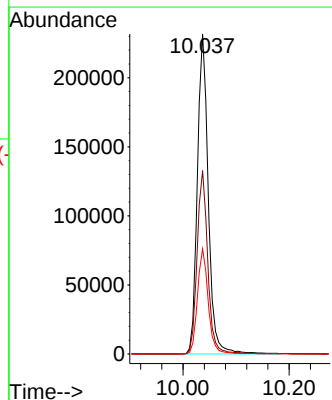
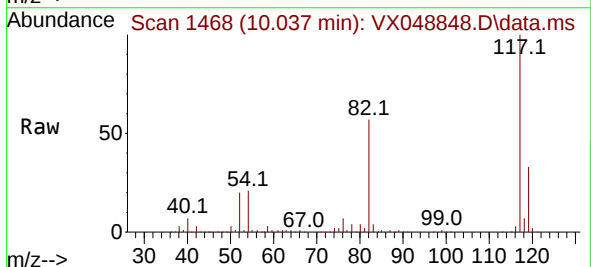
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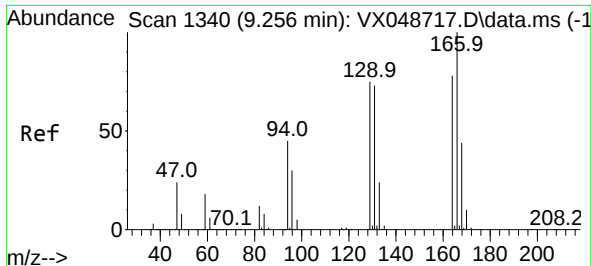
Tgt Ion: 95 Resp: 146324
Ion Ratio Lower Upper
95 100
174 80.4 0.0 157.8
176 78.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048848.D
Acq: 12 Dec 2025 12:48

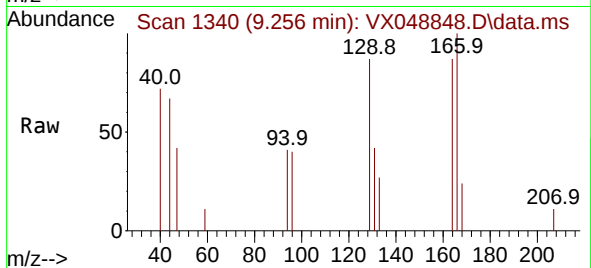
Tgt Ion: 117 Resp: 330363
Ion Ratio Lower Upper
117 100
82 57.3 44.1 66.1
119 32.8 25.2 37.8



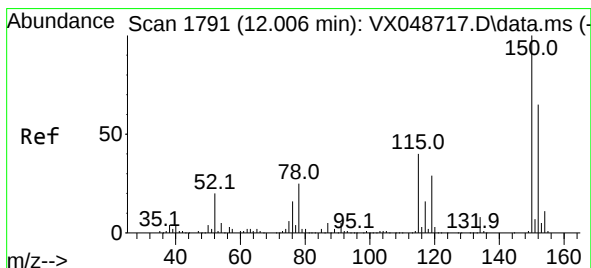
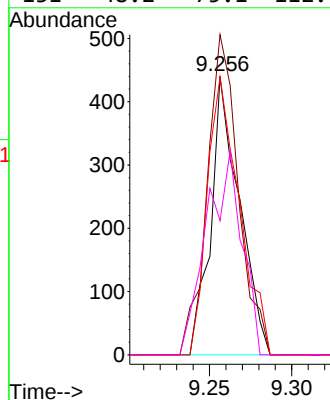


#64
Tetrachloroethene
Concen: 0.221 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048848.D
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Tgt	Ion:164	Resp:	533
Ion	Ratio	Lower	Upper
164	100		
166	115.0	103.1	154.7
129	99.8	76.9	115.3
131	48.2	75.1	112.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048848.D
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Tgt Ion:152	Resp:	169799	
Ion	Ratio	Lower	Upper
152	100		
115	60.4	42.1	126.4
150	155.8	0.0	347.8

