

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048861.D
 Acq On : 12 Dec 2025 17:31
 Operator : JC/MD
 Sample : Q3848-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-57.5-121125DL

Quant Time: Dec 12 22:16:40 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)

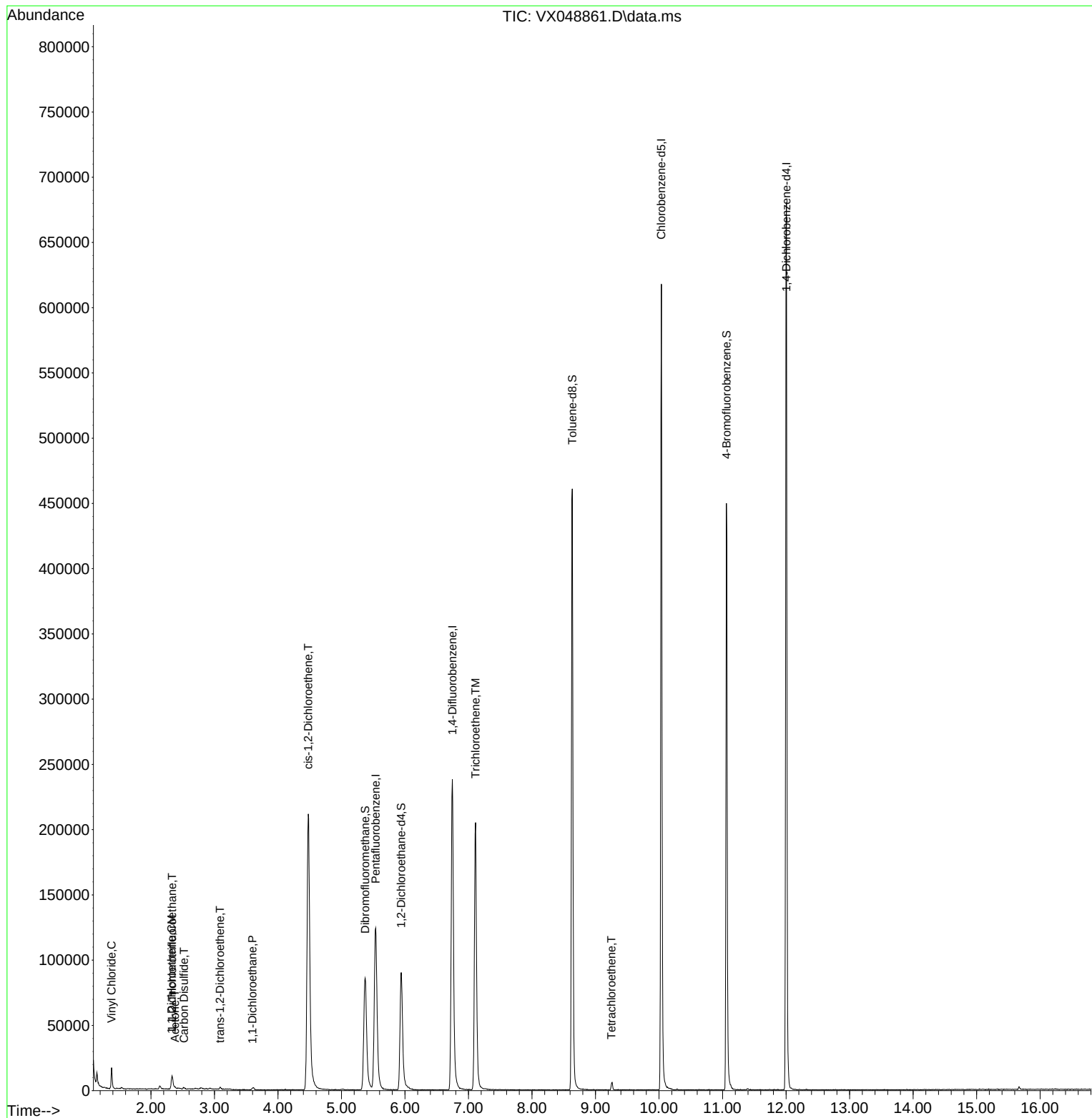
Internal Standards						
1) Pentafluorobenzene	5.538	168	129788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	267248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	292684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97577	56.015	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.020%
35) Dibromofluoromethane	5.373	113	86195	46.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	8.635	98	294325	45.631	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.260%#
62) 4-Bromofluorobenzene	11.061	95	127652	57.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.780%
Target Compounds						
4) Vinyl Chloride	1.380	62	10738	6.042	ug/l	Qvalue 99
9) 1,1,2-Trichlorotrifluo...	2.331	101	3432	2.324	ug/l	97
12) 1,1-Dichloroethene	2.325	96	1525	1.012	ug/l	87
16) Acetone	2.380	43	1659	2.488	ug/l	96
17) Carbon Disulfide	2.520	76	1059	0.242	ug/l #	38
21) trans-1,2-Dichloroethene	3.087	96	673	0.438	ug/l	92
24) 1,1-Dichloroethane	3.599	63	2411	0.914	ug/l #	82
27) cis-1,2-Dichloroethene	4.477	96	153034	88.166	ug/l	95
44) Trichloroethene	7.110	130	86973	44.614	ug/l	95
64) Tetrachloroethene	9.250	164	991	0.465	ug/l	92

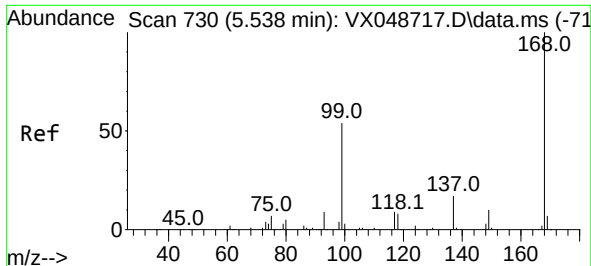
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

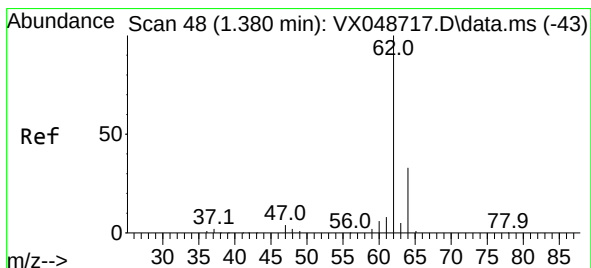
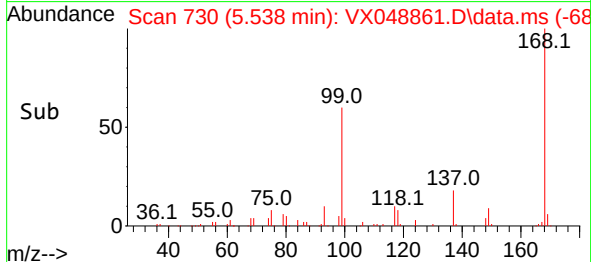
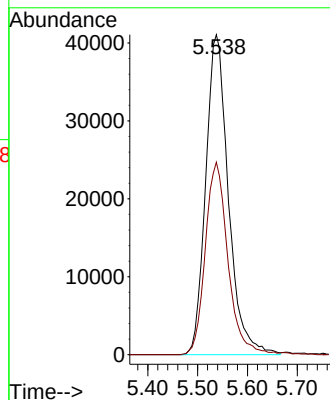
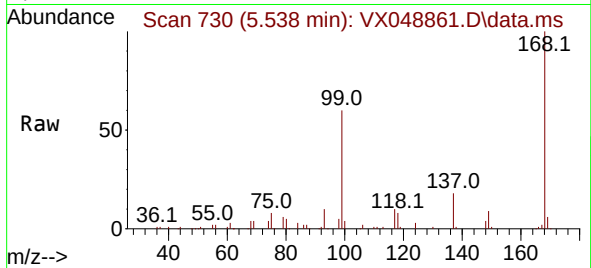




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

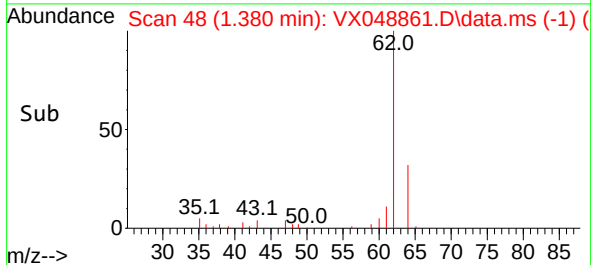
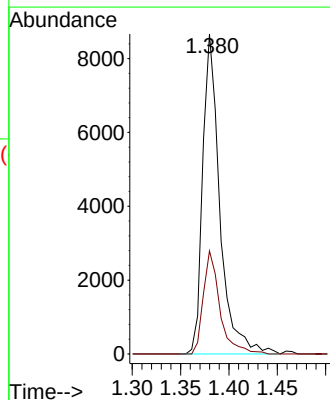
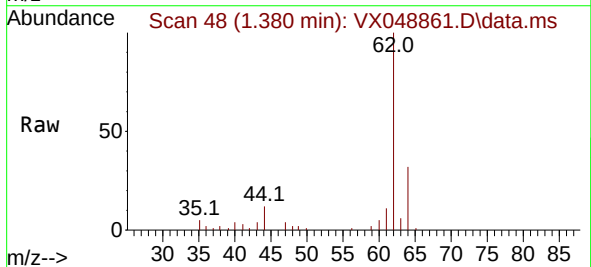
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-121125DL

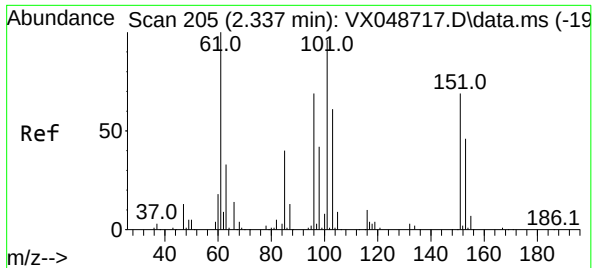
Tgt Ion:168 Resp: 129788
Ion Ratio Lower Upper
168 100
99 60.1 44.2 66.4



#4
Vinyl Chloride
Concen: 6.042 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

Tgt Ion: 62 Resp: 10738
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

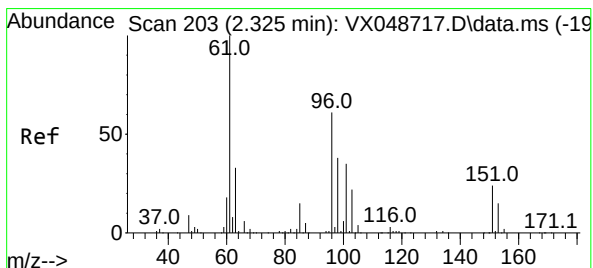
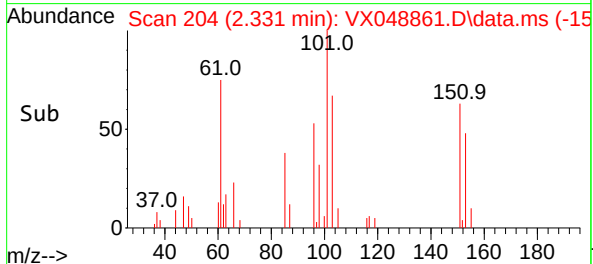
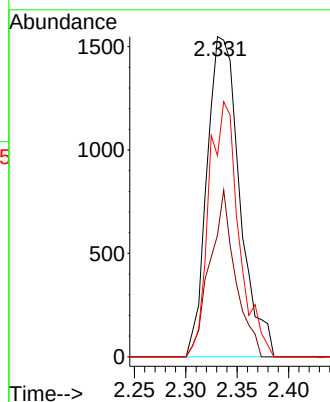
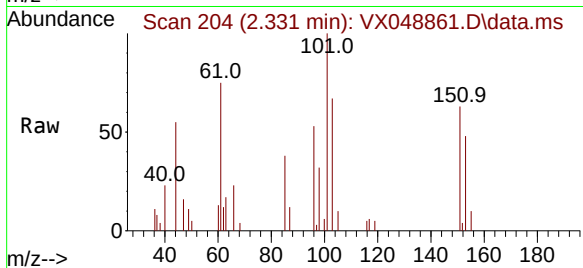




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.324 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX048861.D
 Acq: 12 Dec 2025 17:31

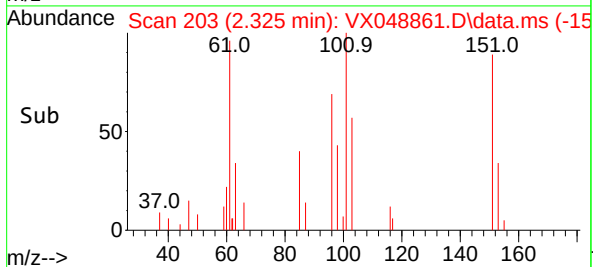
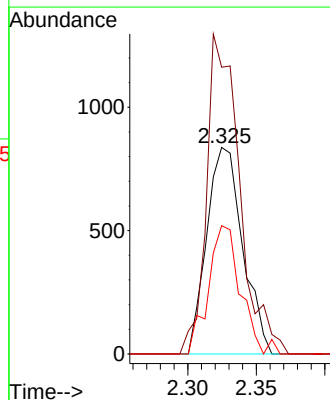
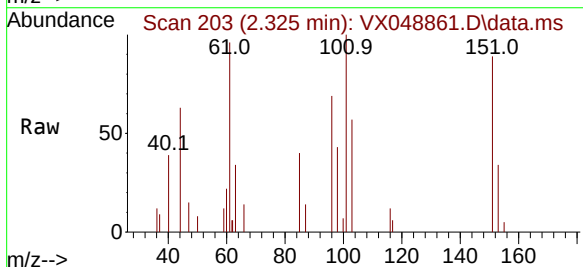
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-57.5-121125DL

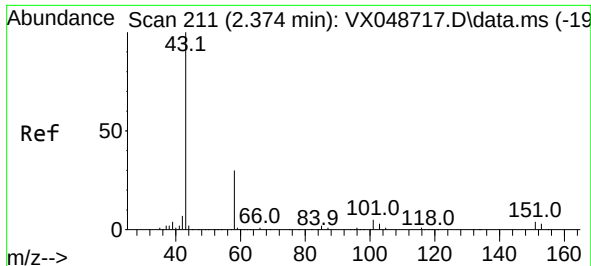
Tgt Ion:101	Resp:	3432
Ion	Ratio	Lower Upper
101	100	
85	40.6	34.2 51.2
151	72.7	60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 1.012 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX048861.D
 Acq: 12 Dec 2025 17:31

Tgt Ion: 96	Resp:	1525
Ion	Ratio	Lower Upper
96	100	
61	138.8	130.7 196.1
98	62.1	49.8 74.8

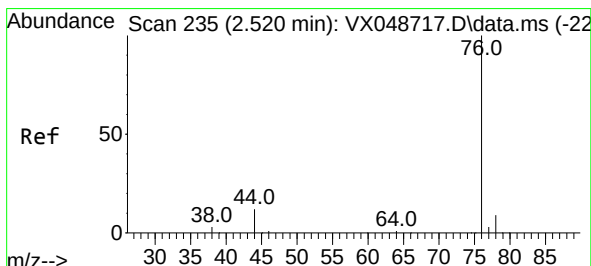
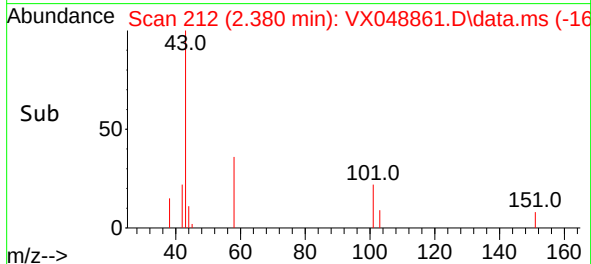
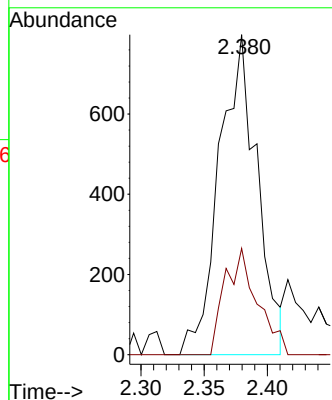
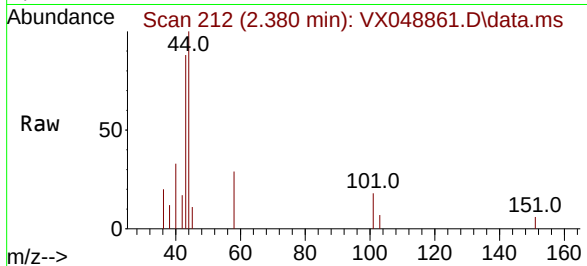




#16
Acetone
Concen: 2.488 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

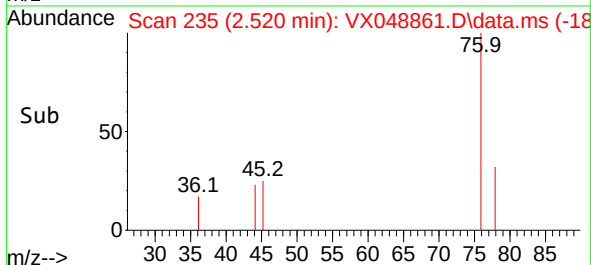
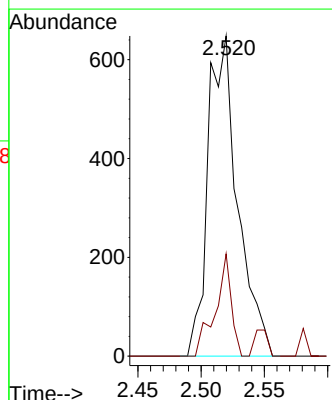
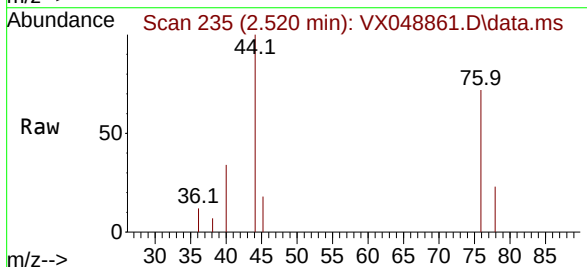
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-121125DL

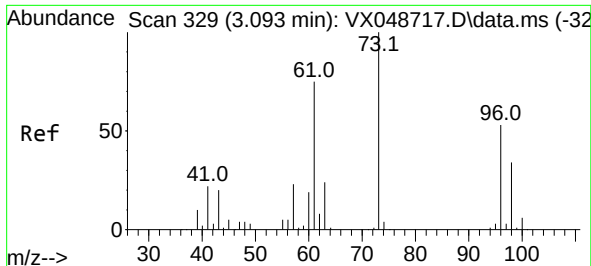
Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 33.2 25.0 37.4



#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

Tgt Ion: 76 Resp: 1059
Ion Ratio Lower Upper
76 100
78 31.9 7.4 11.2#

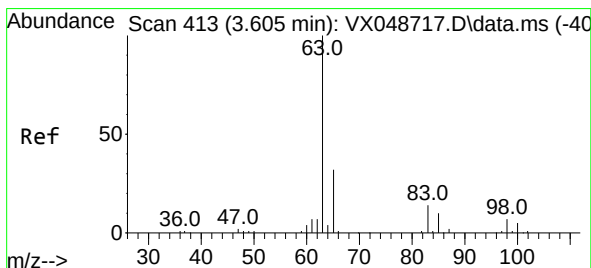
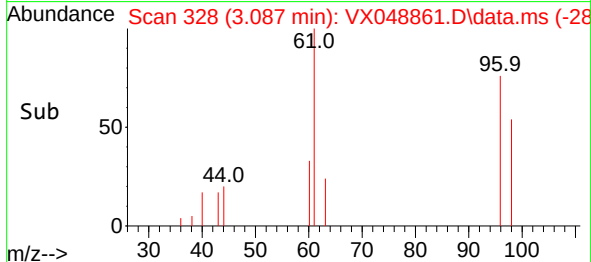
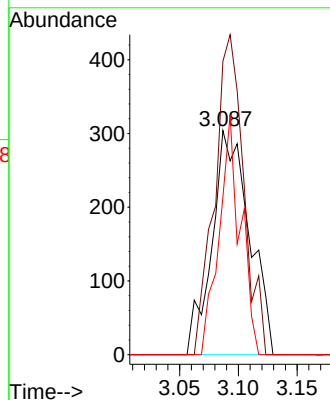
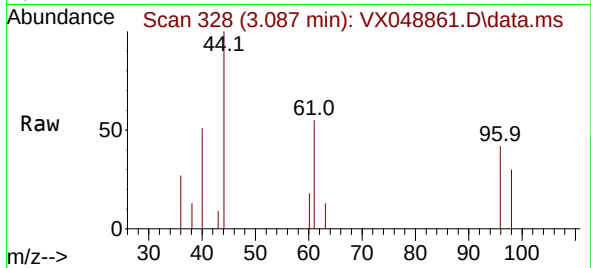




#21
trans-1,2-Dichloroethene
Concen: 0.438 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

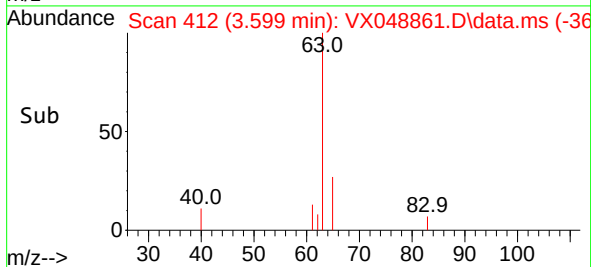
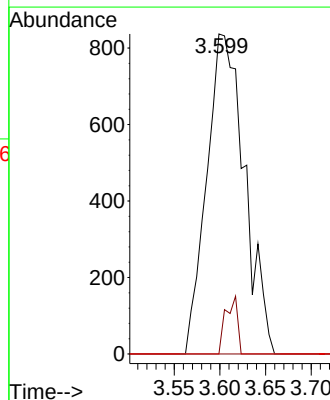
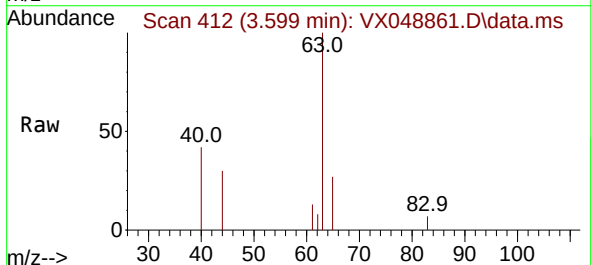
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-121125DL

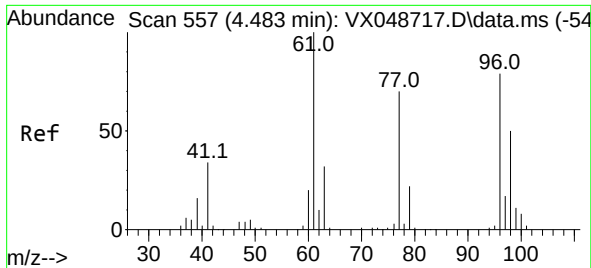
Tgt Ion: 96 Resp: 673
Ion Ratio Lower Upper
96 100
61 130.9 112.8 169.2
98 70.4 51.0 76.4



#24
1,1-Dichloroethane
Concen: 0.914 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

Tgt Ion: 63 Resp: 2411
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.6#
100 0.0 2.5 7.4#

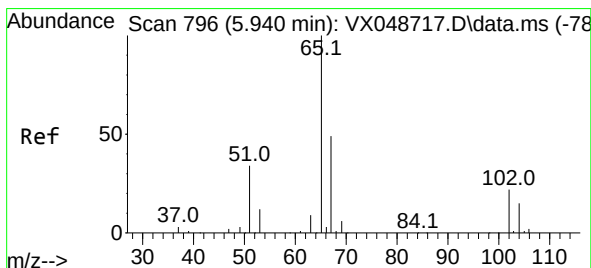
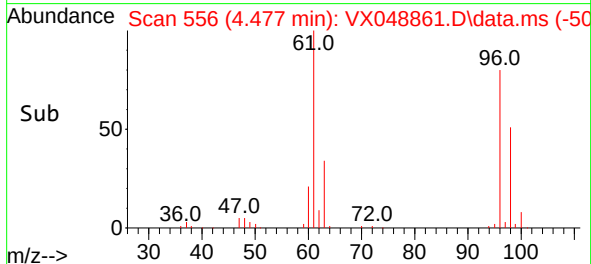
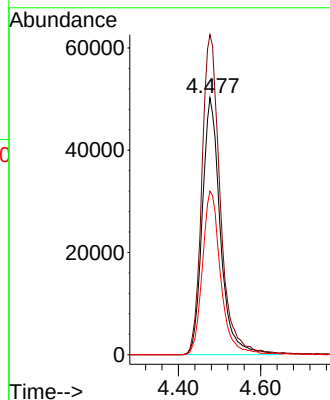
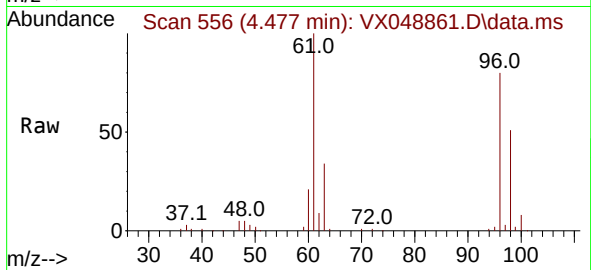




#27
cis-1,2-Dichloroethene
Concen: 88.166 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

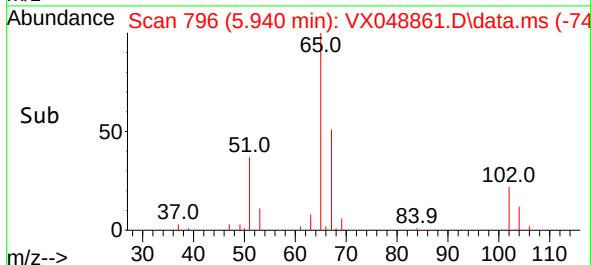
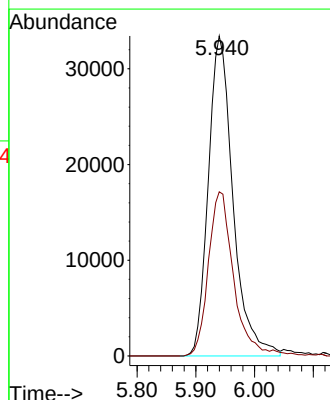
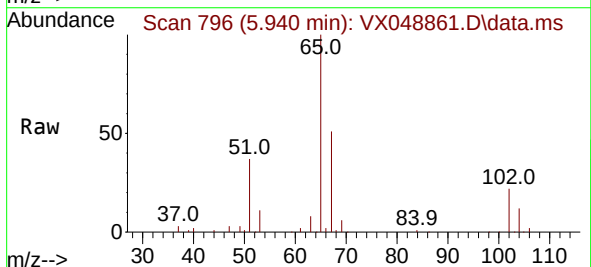
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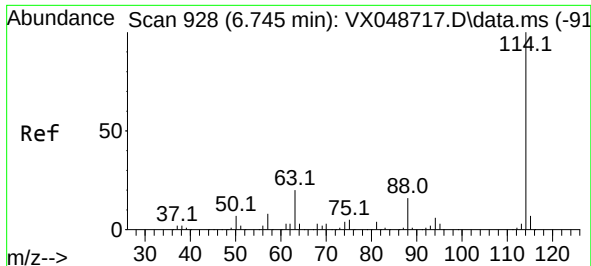
Tgt Ion: 96 Resp: 153034
Ion Ratio Lower Upper
96 100
61 126.9 0.0 271.0
98 64.1 0.0 130.2



#33
1,2-Dichloroethane-d4
Concen: 56.015 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

Tgt Ion: 65 Resp: 97577
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

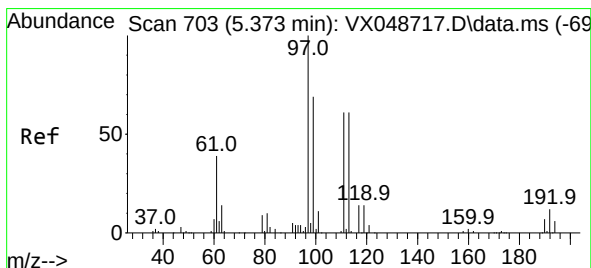
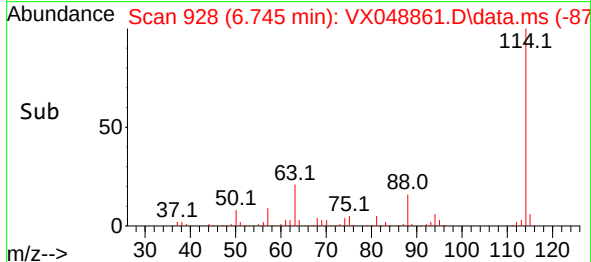
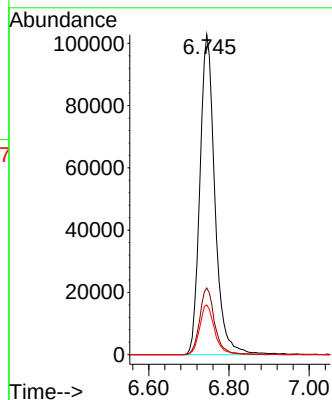
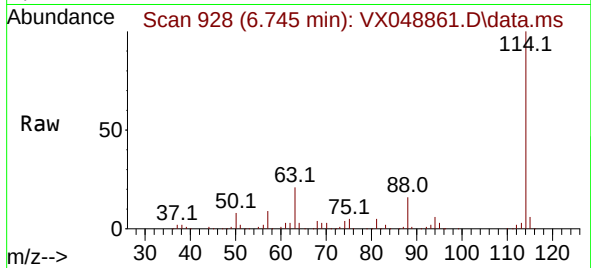




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

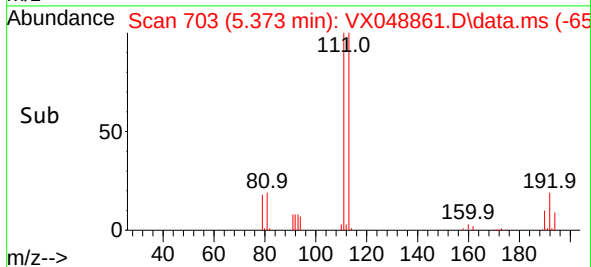
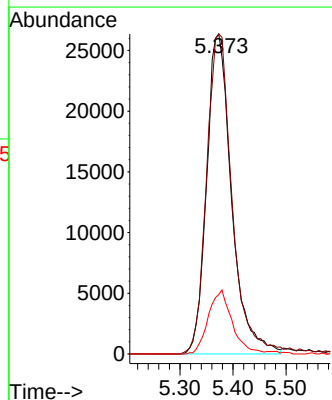
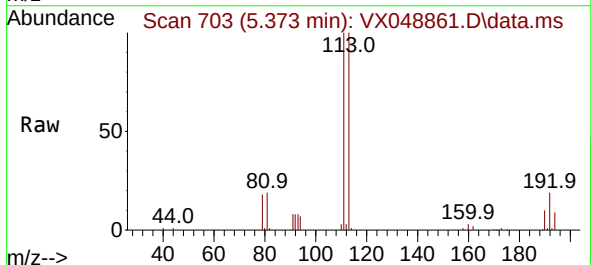
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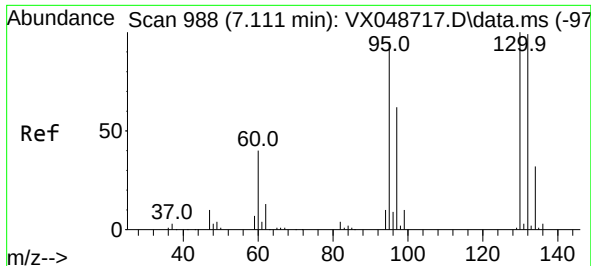
Tgt Ion:114 Resp: 267248
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.842 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

Tgt Ion:113 Resp: 86195
Ion Ratio Lower Upper
113 100
111 102.6 79.5 119.3
192 19.1 16.1 24.1

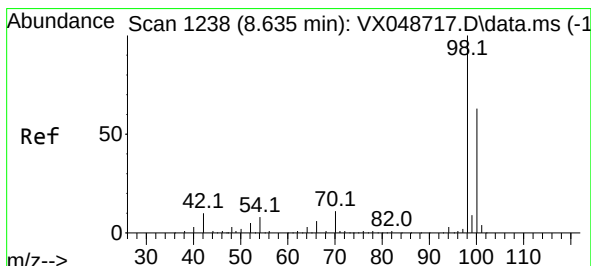
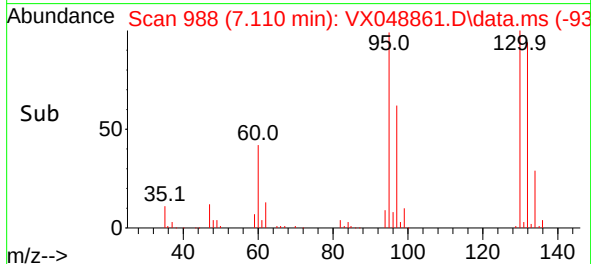
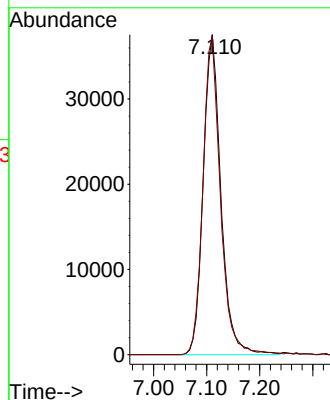
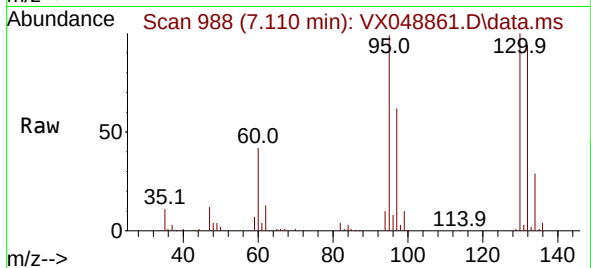




#44
Trichloroethene
Concen: 44.614 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

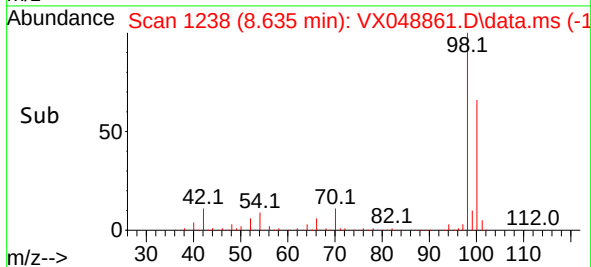
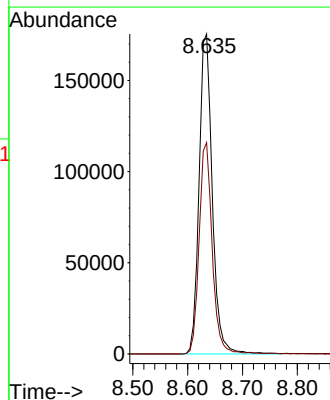
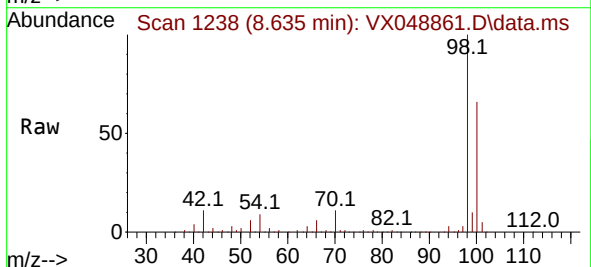
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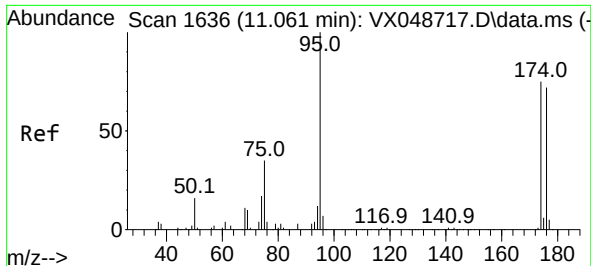
Tgt Ion:130 Resp: 86973
Ion Ratio Lower Upper
130 100
95 99.3 0.0 189.6



#50
Toluene-d8
Concen: 45.631 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

Tgt Ion: 98 Resp: 294325
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0

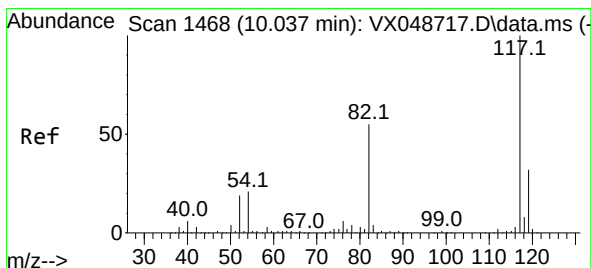
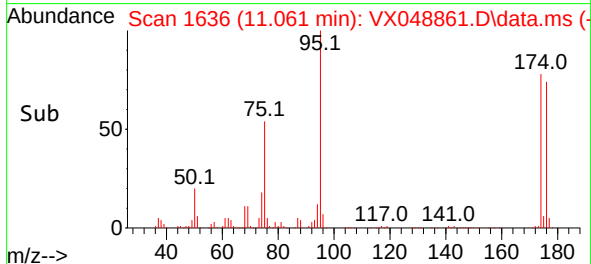
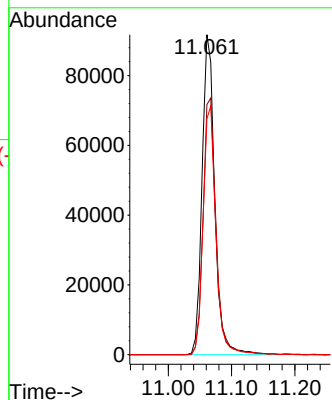
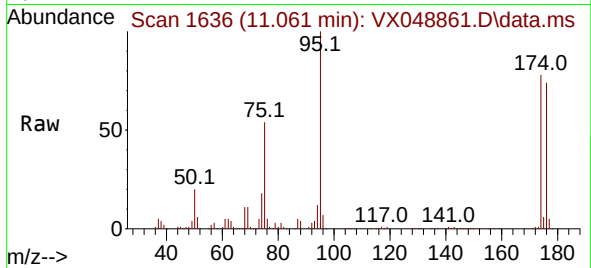




#62
4-Bromofluorobenzene
Concen: 57.392 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

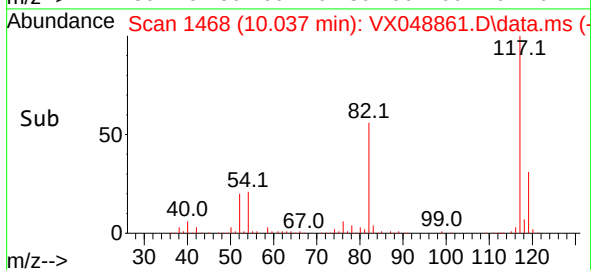
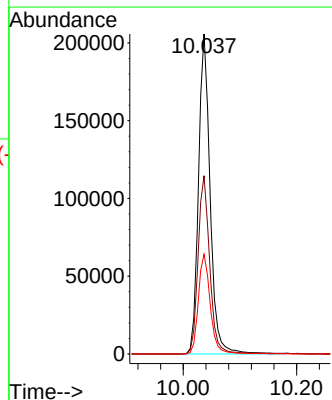
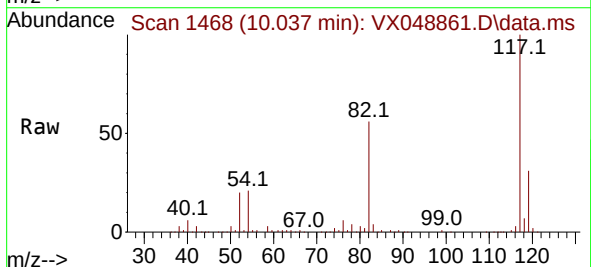
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-121125DL

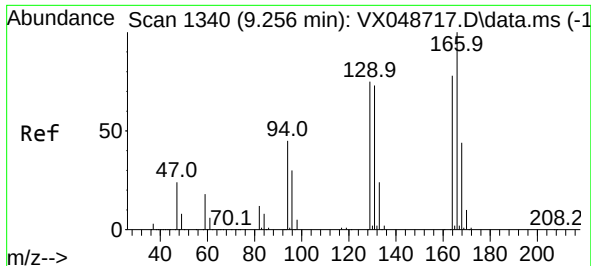
Tgt Ion: 95 Resp: 127652
Ion Ratio Lower Upper
95 100
174 82.7 0.0 157.8
176 78.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

Tgt Ion: 117 Resp: 292684
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 31.1 25.2 37.8



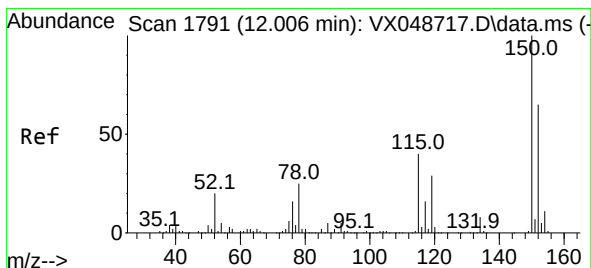
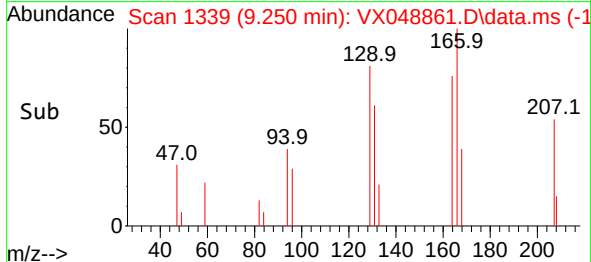
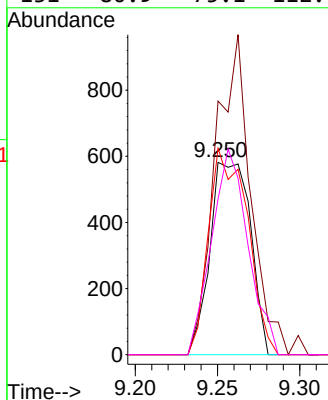
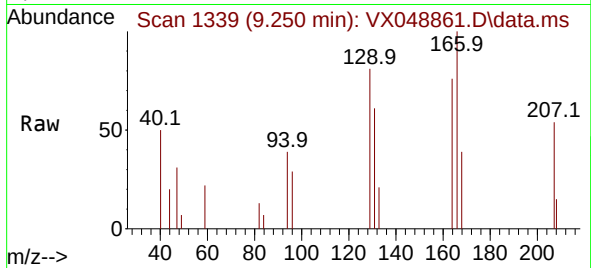


#64
Tetrachloroethene
Concen: 0.465 ug/l
RT: 9.250 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048861.D
Acq: 12 Dec 2025 17:31

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-121125DL

Tgt Ion:164 Resp: 991

Ion	Ratio	Lower	Upper
164	100		
166	131.8	103.1	154.7
129	107.2	76.9	115.3
131	80.9	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: VX048861.D
Acq: 12 Dec 2025 17:31

Tgt Ion:152 Resp: 156524

Ion	Ratio	Lower	Upper
152	100		
115	59.2	42.1	126.4
150	158.0	0.0	347.8

