

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048856.D
 Acq On : 12 Dec 2025 15:42
 Operator : JC/MD
 Sample : Q3849-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-07B-65-121125

Quant Time: Dec 12 22:14:32 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)

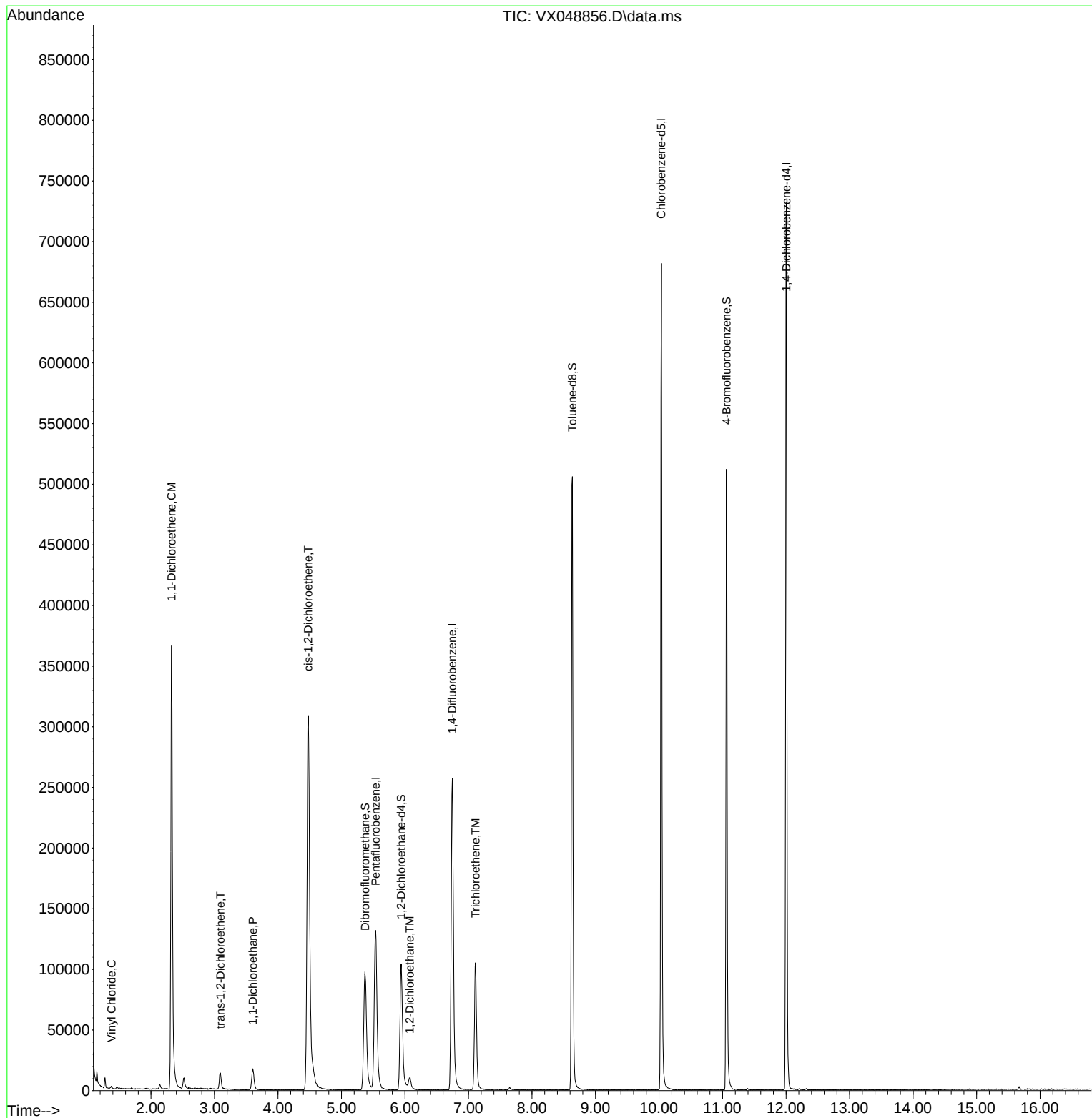
Internal Standards						
1) Pentafluorobenzene	5.538	168	137566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	283716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	314168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111675	60.483	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 120.960%#		
35) Dibromofluoromethane	5.373	113	97235	49.775	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.540%		
50) Toluene-d8	8.635	98	330139	48.212	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.420%		
62) 4-Bromofluorobenzene	11.061	95	141764	60.037	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 120.080%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.380	62	1038	0.551	ug/l	# 84
12) 1,1-Dichloroethene	2.325	96	138025	86.405	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	6500	3.987	ug/l	96
24) 1,1-Dichloroethane	3.605	63	21611	7.732	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	217818	118.394	ug/l	96
42) 1,2-Dichloroethane	6.074	62	11408	4.064	ug/l	99
44) Trichloroethene	7.110	130	44794	21.644	ug/l	94

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

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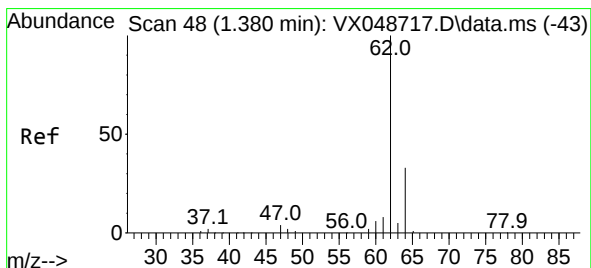
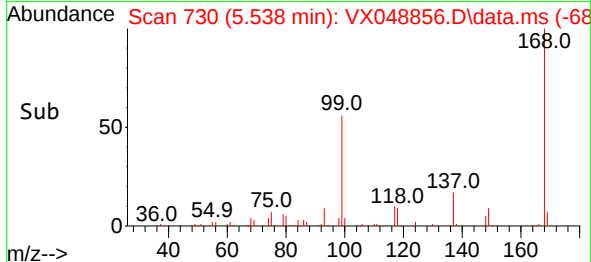
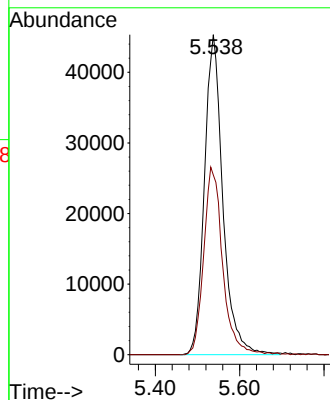
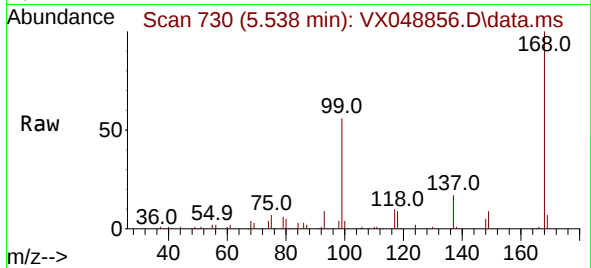




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

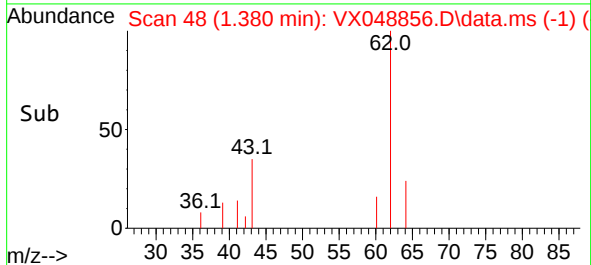
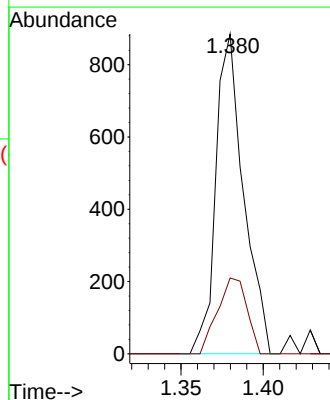
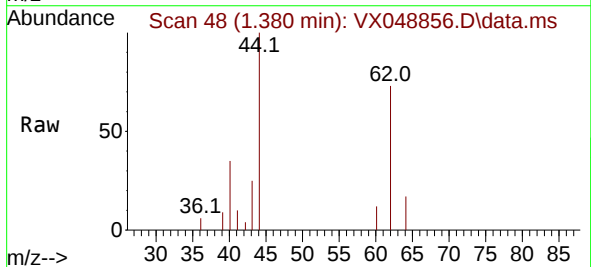
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-121125

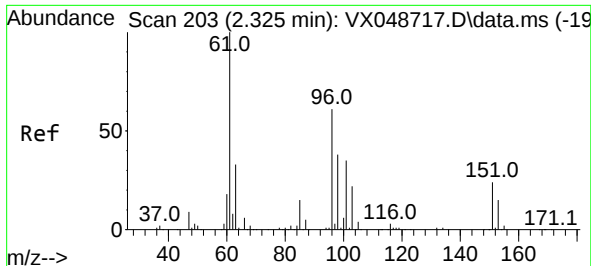
Tgt Ion:168 Resp: 137566
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#4
Vinyl Chloride
Concen: 0.551 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

Tgt Ion: 62 Resp: 1038
Ion Ratio Lower Upper
62 100
64 23.7 26.0 39.0#





#12

1,1-Dichloroethene

Concen: 86.405 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048856.D

Acq: 12 Dec 2025 15:42

Instrument :

MSVOA_X

ClientSampleId :

OW-07B-65-121125

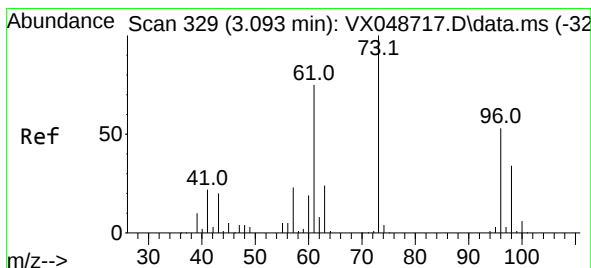
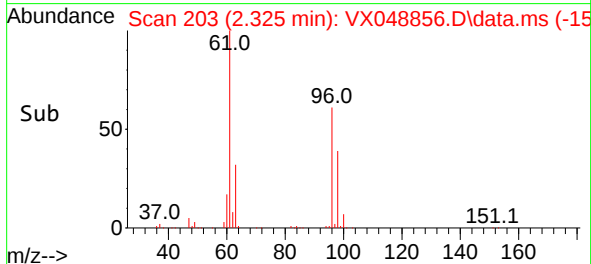
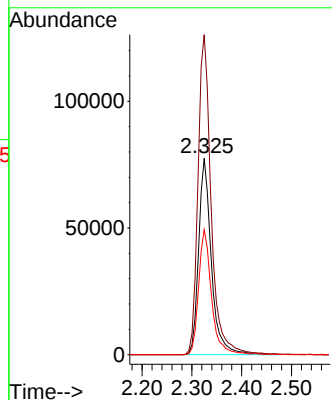
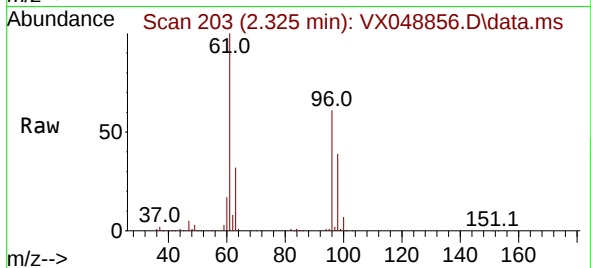
Tgt Ion: 96 Resp: 138025

Ion Ratio Lower Upper

96 100

61 163.0 130.7 196.1

98 63.7 49.8 74.8



#21

trans-1,2-Dichloroethene

Concen: 3.987 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX048856.D

Acq: 12 Dec 2025 15:42

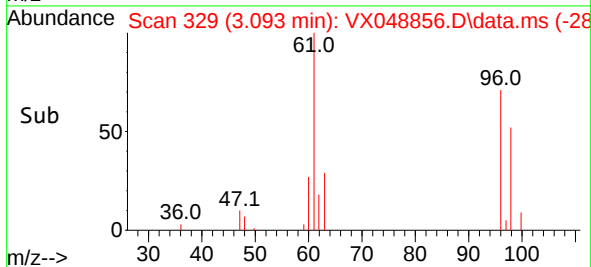
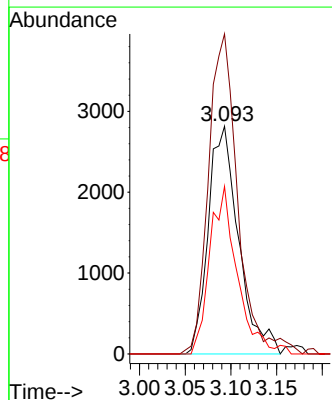
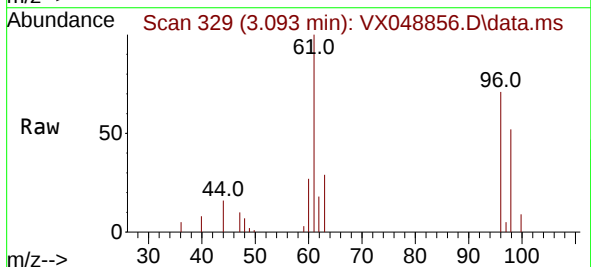
Tgt Ion: 96 Resp: 6500

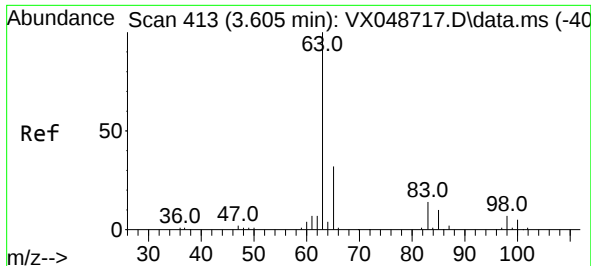
Ion Ratio Lower Upper

96 100

61 140.5 112.8 169.2

98 73.5 51.0 76.4

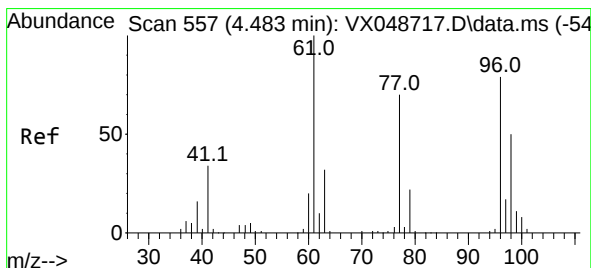
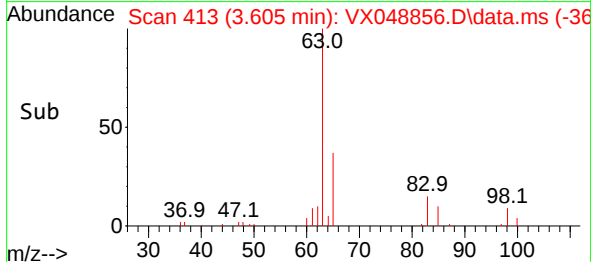
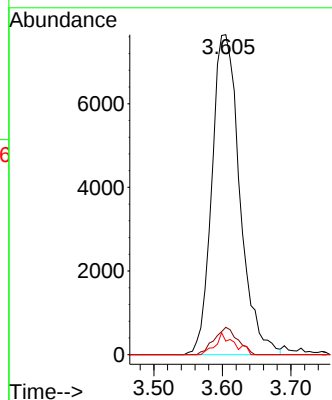
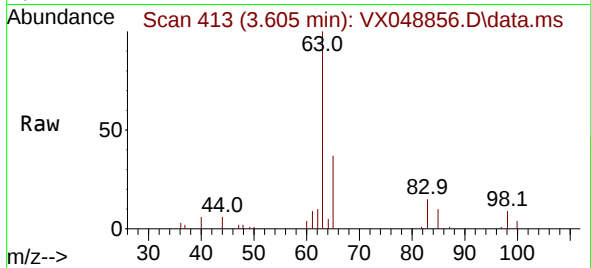




#24
1,1-Dichloroethane
Concen: 7.732 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

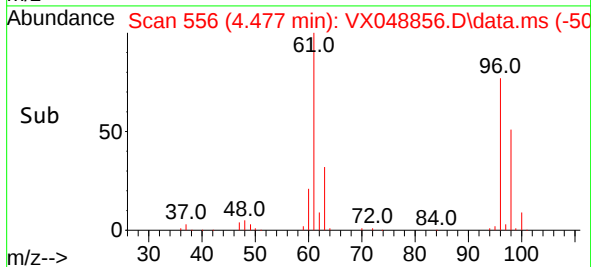
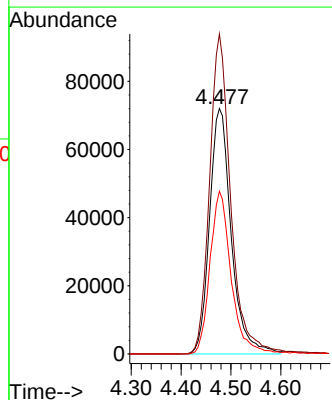
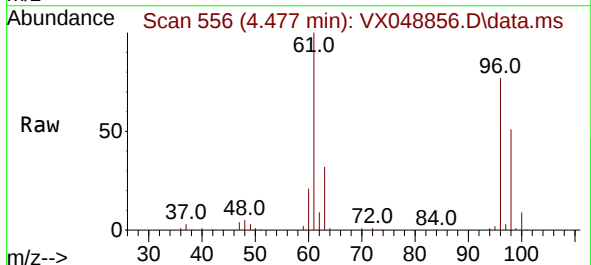
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-121125

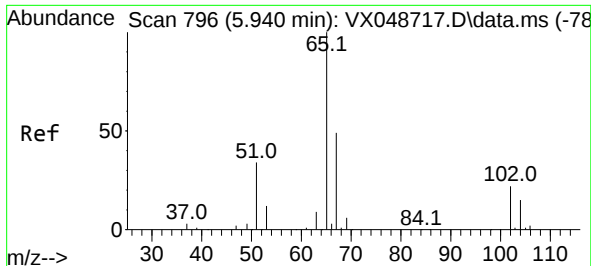
Tgt Ion:	63	Resp:	21611
Ion Ratio	Lower	Upper	
63	100		
98	8.6	3.5	10.6
100	4.2	2.5	7.4



#27
cis-1,2-Dichloroethene
Concen: 118.394 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

Tgt Ion:	96	Resp:	217818
Ion Ratio	Lower	Upper	
96	100		
61	127.6	0.0	271.0
98	65.0	0.0	130.2

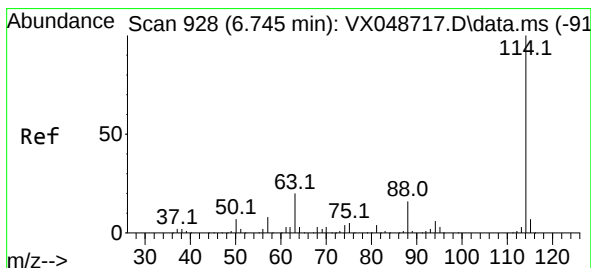
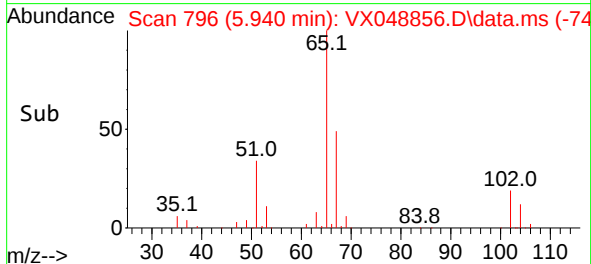
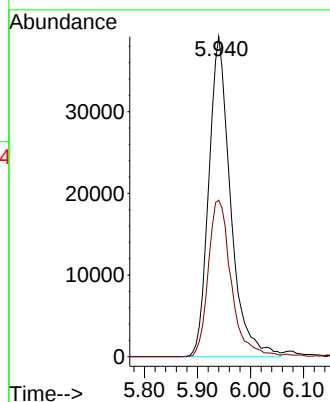
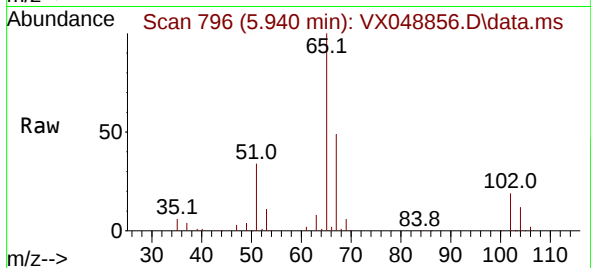




#33
 1,2-Dichloroethane-d4
 Concen: 60.483 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048856.D
 Acq: 12 Dec 2025 15:42

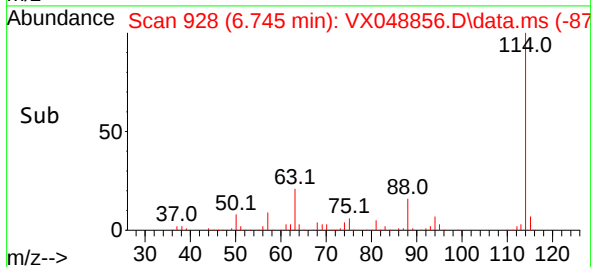
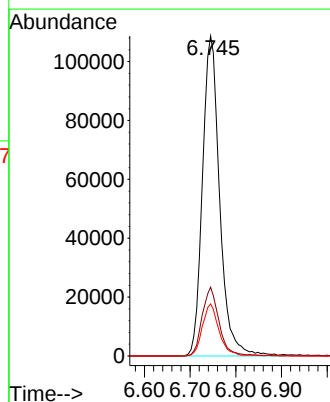
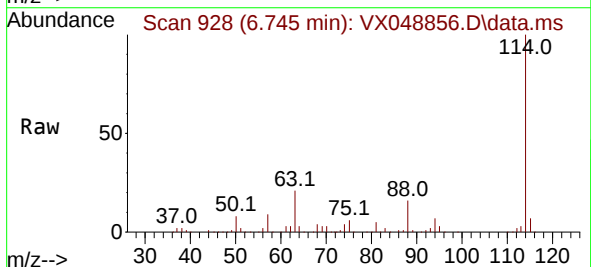
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-07B-65-121125

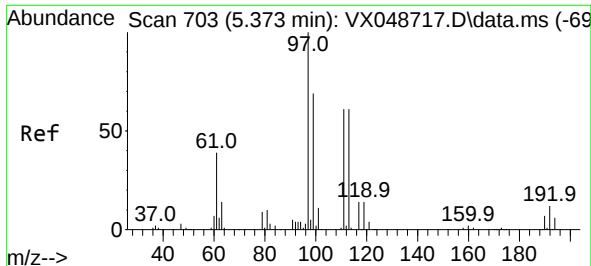
Tgt Ion: 65 Resp: 111675
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048856.D
 Acq: 12 Dec 2025 15:42

Tgt Ion: 114 Resp: 283716
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.0
 88 16.3 0.0 31.8

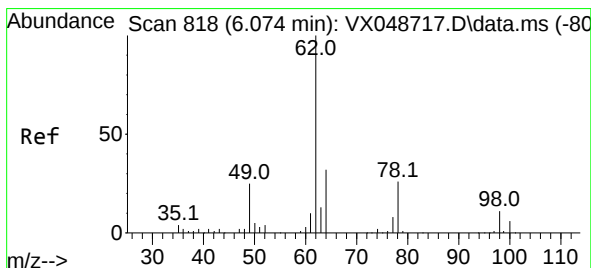
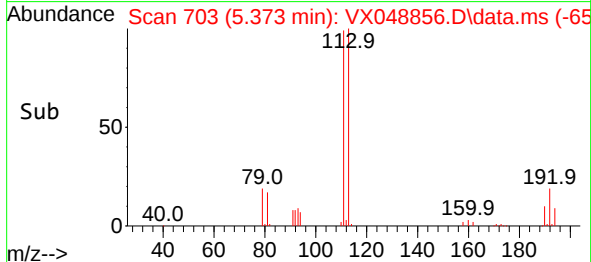
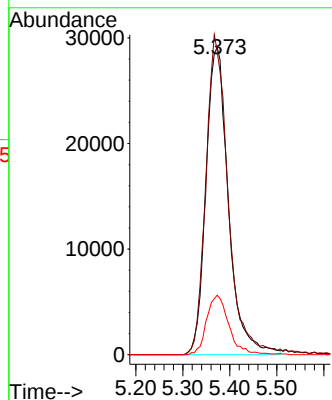
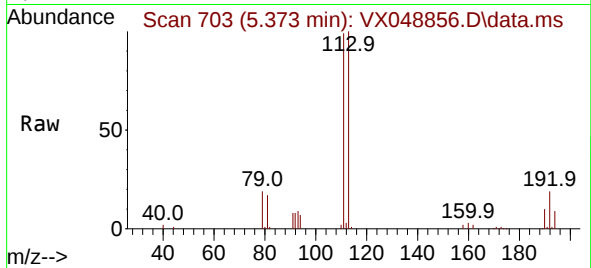




#35
Dibromofluoromethane
Concen: 49.775 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

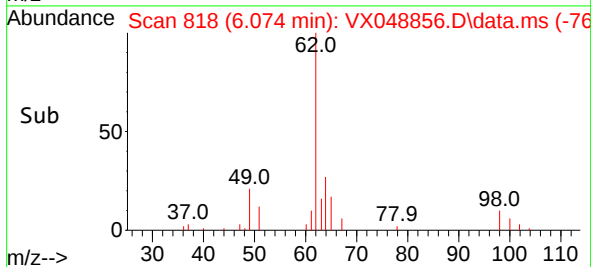
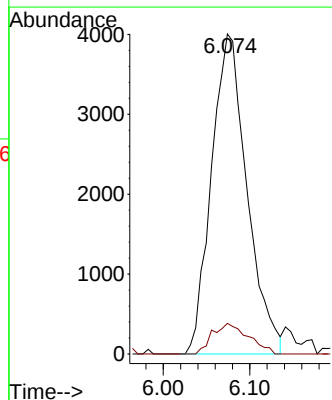
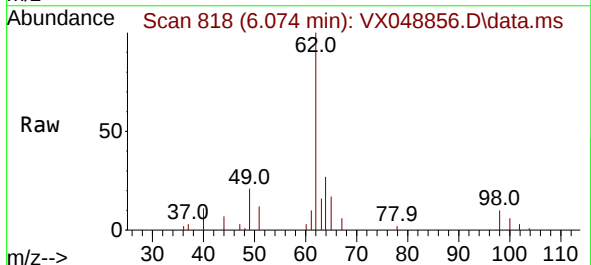
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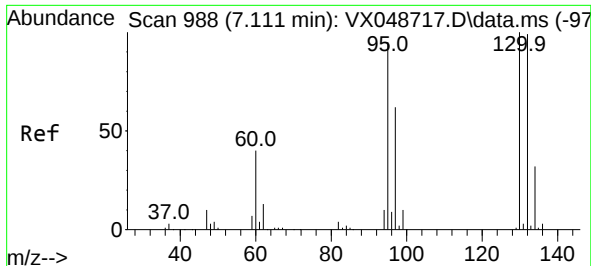
Tgt Ion:113 Resp: 97235
Ion Ratio Lower Upper
113 100
111 103.1 79.5 119.3
192 19.0 16.1 24.1



#42
1,2-Dichloroethane
Concen: 4.064 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

Tgt Ion: 62 Resp: 11408
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.2

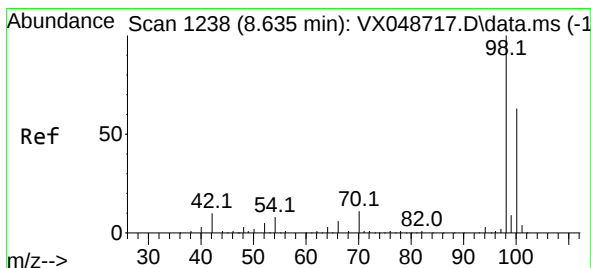
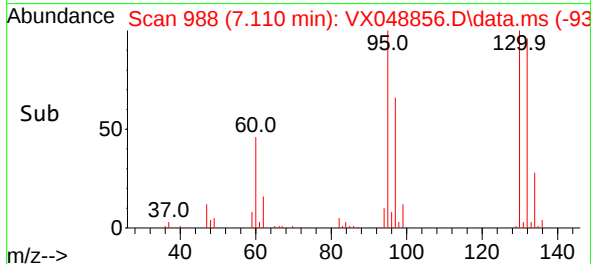
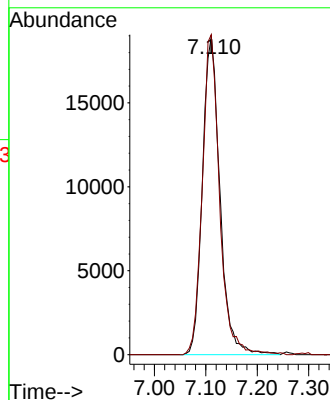
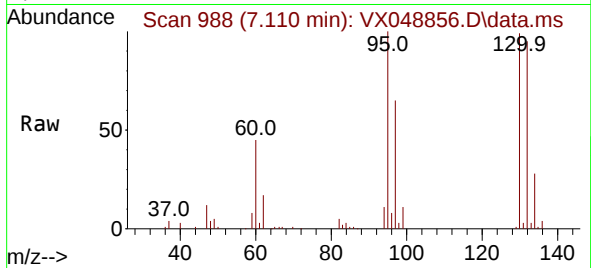




#44
Trichloroethene
Concen: 21.644 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

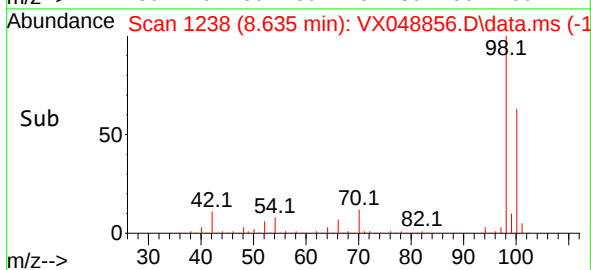
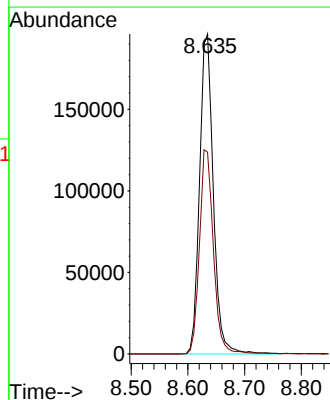
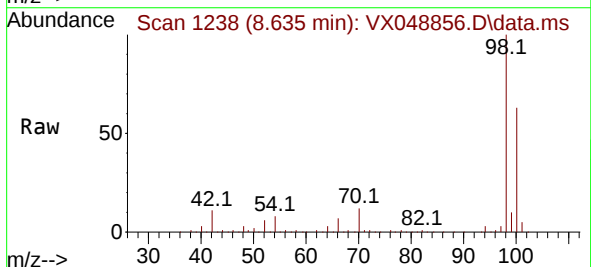
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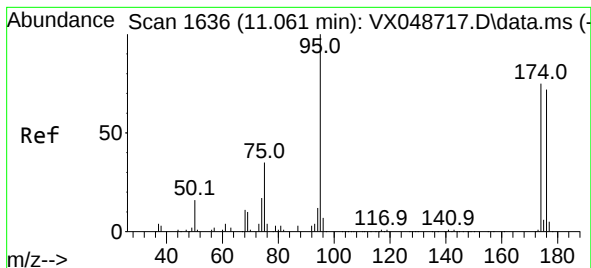
Tgt Ion:130 Resp: 44794
Ion Ratio Lower Upper
130 100
95 100.8 0.0 189.6



#50
Toluene-d8
Concen: 48.212 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

Tgt Ion: 98 Resp: 330139
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.0

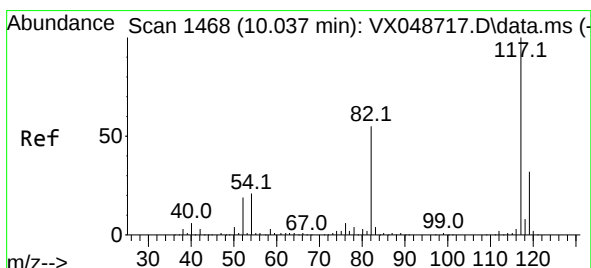
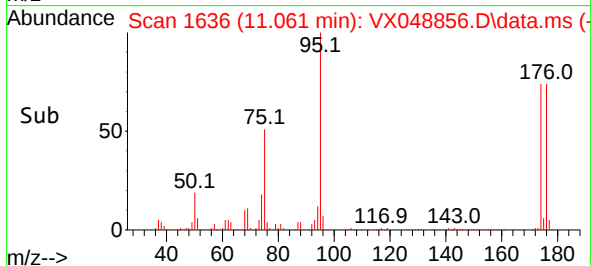
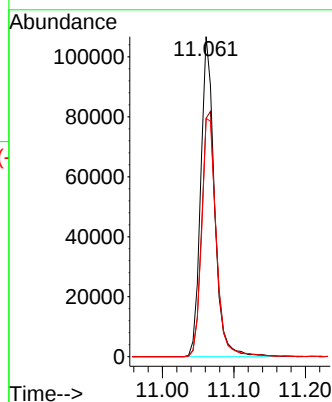
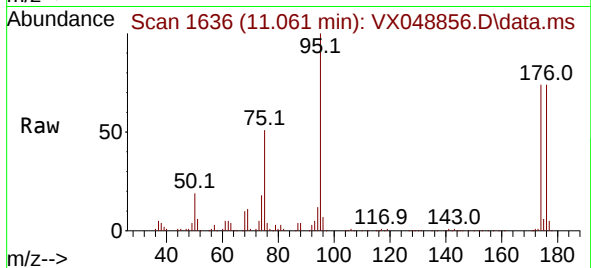




#62
4-Bromofluorobenzene
Concen: 60.037 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

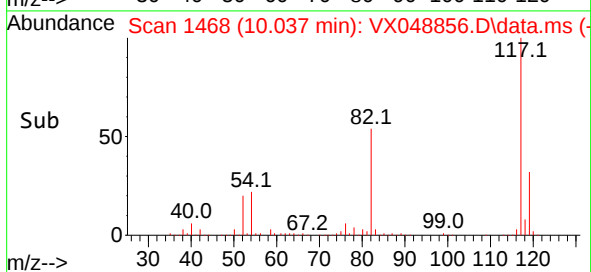
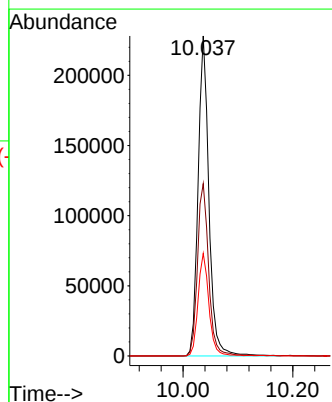
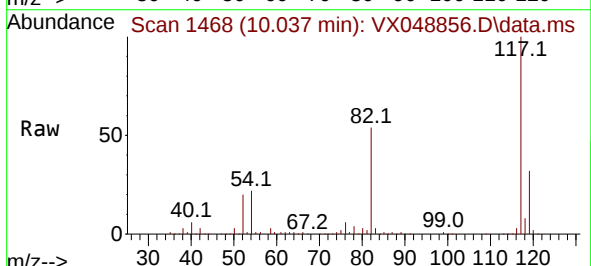
Instrument :
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OW-07B-65-121125

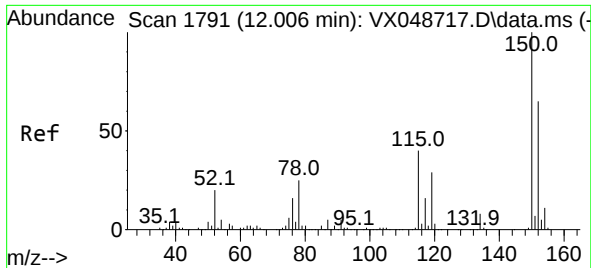
Tgt Ion: 95 Resp: 141764
Ion Ratio Lower Upper
95 100
174 81.3 0.0 157.8
176 79.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048856.D
Acq: 12 Dec 2025 15:42

Tgt Ion: 117 Resp: 314168
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 32.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048856.D

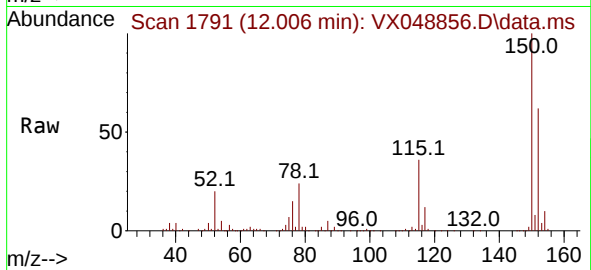
Acq: 12 Dec 2025 15:42

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 163467

Ion Ratio Lower Upper

152 100

115 59.8 42.1 126.4

150 158.8 0.0 347.8

