

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048760.D
 Acq On : 08 Dec 2025 17:00
 Operator : JC/MD
 Sample : Q3788-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-01B-66.5-120525

Quant Time: Dec 09 04:13:22 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)

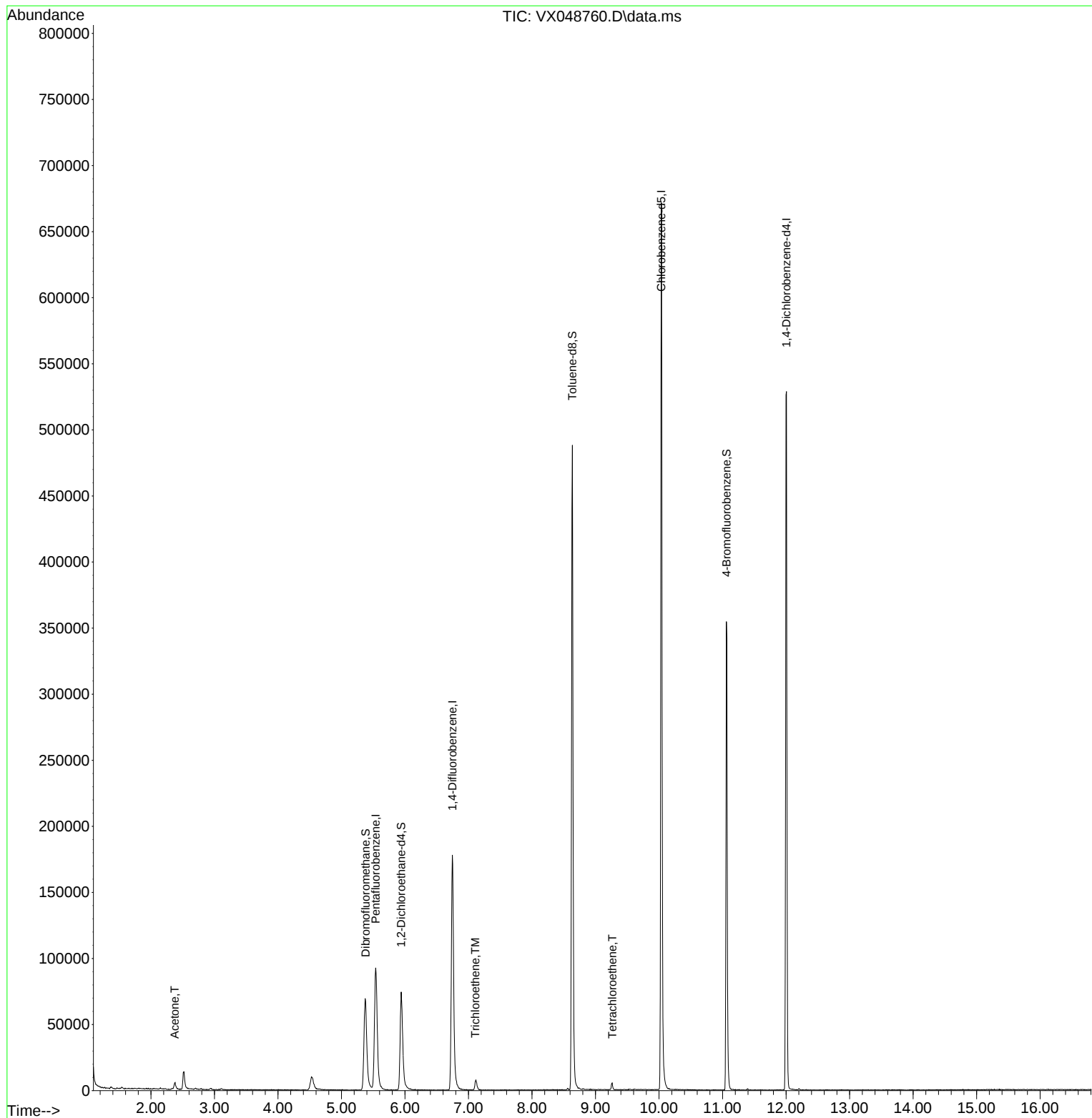
Internal Standards						
1) Pentafluorobenzene	5.538	168	95592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	193994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	314319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	75815	59.091	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.180%#	
35) Dibromofluoromethane	5.379	113	65834	49.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.580%	
50) Toluene-d8	8.635	98	298903	63.839	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 127.680%#	
62) 4-Bromofluorobenzene	11.061	95	94284	58.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.800%	
Target Compounds						
						Qvalue
16) Acetone	2.374	43	7191	14.641	ug/l	97
44) Trichloroethene	7.104	130	3076	2.174	ug/l	82
64) Tetrachloroethene	9.263	164	1059	0.462	ug/l #	89

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

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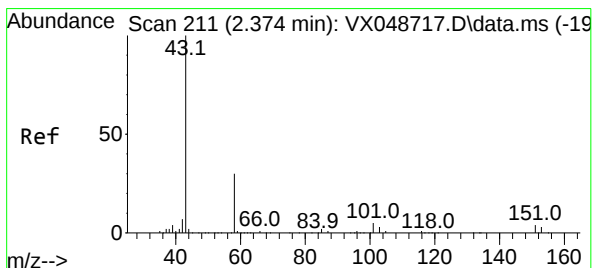
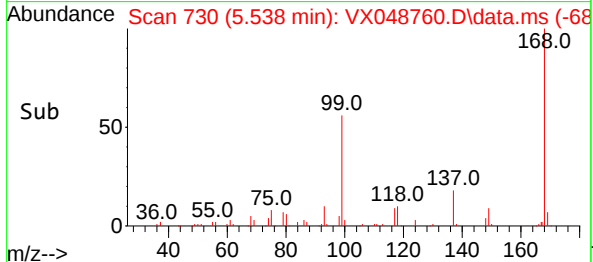
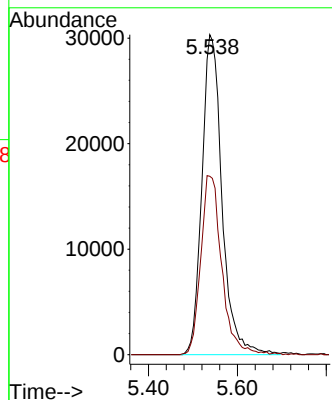
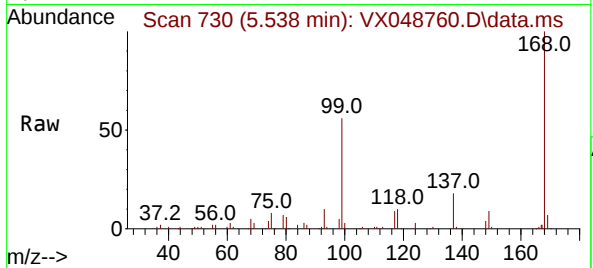




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048760.D
Acq: 08 Dec 2025 17:00

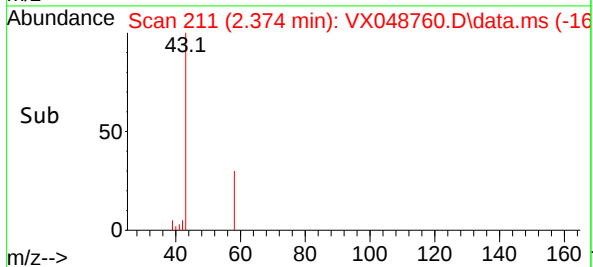
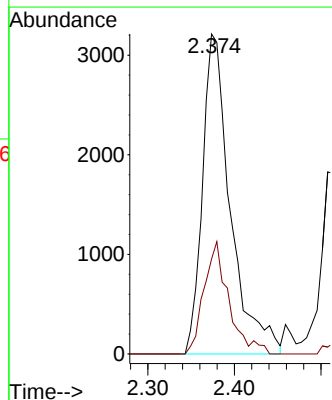
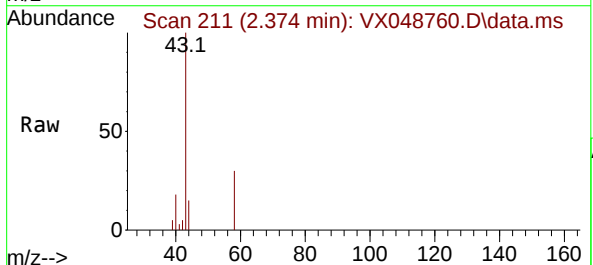
Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

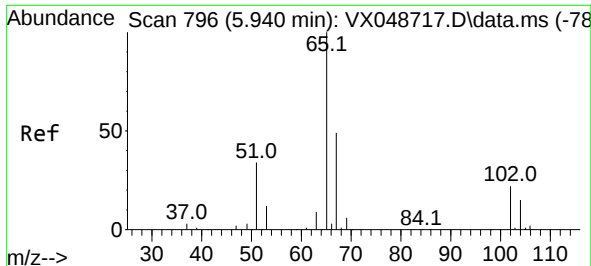
Tgt Ion:168 Resp: 95592
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#16
Acetone
Concen: 14.641 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048760.D
Acq: 08 Dec 2025 17:00

Tgt Ion: 43 Resp: 7191
Ion Ratio Lower Upper
43 100
58 29.7 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 59.091 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048760.D

Acq: 08 Dec 2025 17:00

Instrument :

MSVOA_X

ClientSampleId :

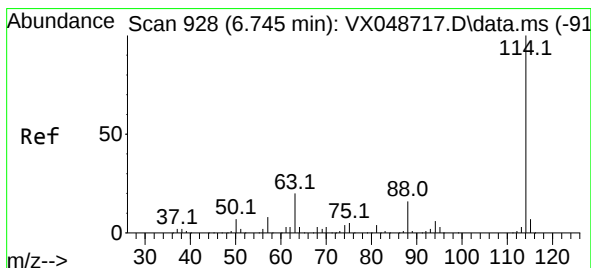
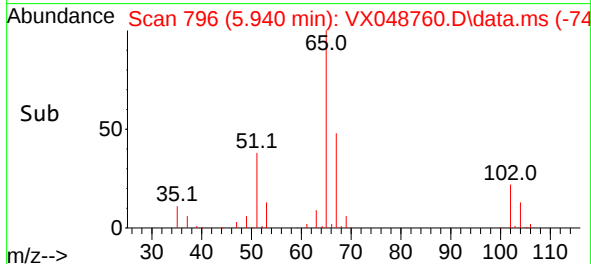
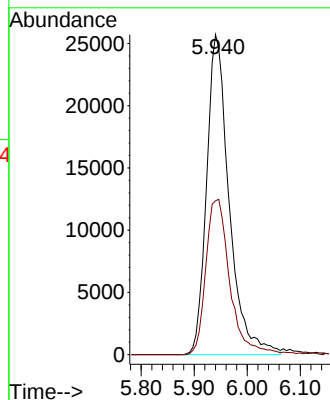
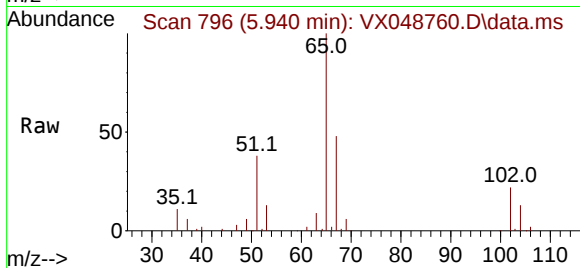
OW-01B-66.5-120525

Tgt Ion: 65 Resp: 75815

Ion Ratio Lower Upper

65 100

67 52.0 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: VX048760.D

Acq: 08 Dec 2025 17:00

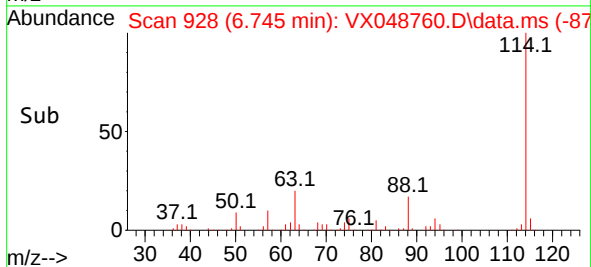
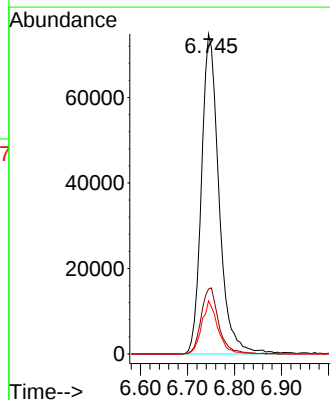
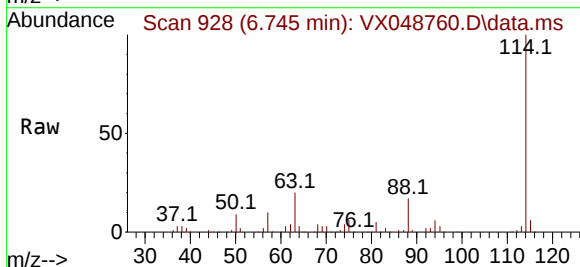
Tgt Ion: 114 Resp: 193994

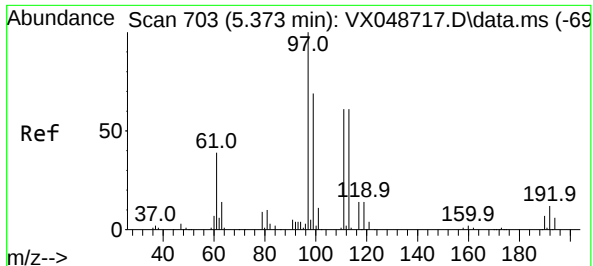
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.287 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048760.D

Acq: 08 Dec 2025 17:00

Instrument :

MSVOA_X

ClientSampleId :

OW-01B-66.5-120525

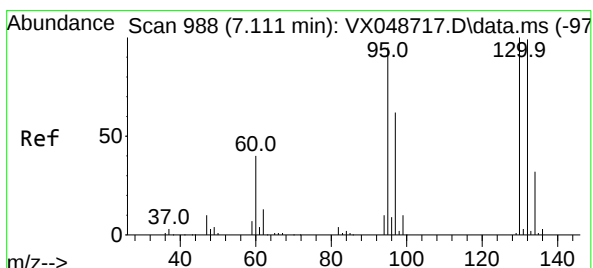
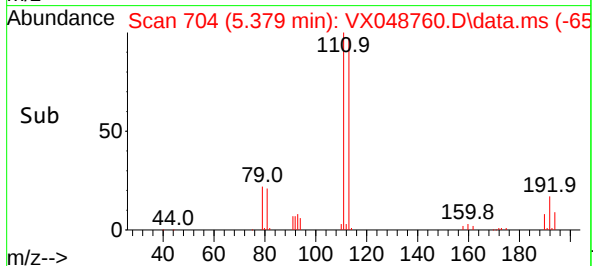
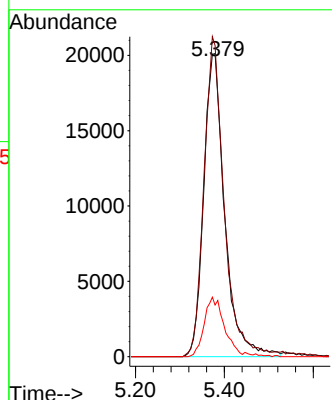
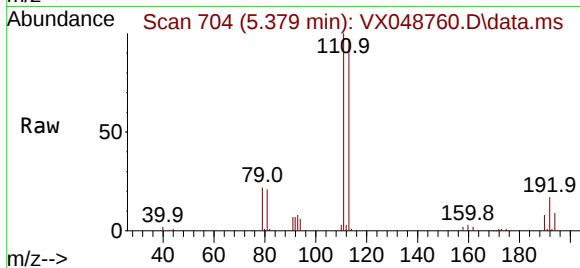
Tgt Ion:113 Resp: 65834

Ion Ratio Lower Upper

113 100

111 101.8 79.5 119.3

192 18.8 16.1 24.1



#44

Trichloroethene

Concen: 2.174 ug/l

RT: 7.104 min Scan# 987

Delta R.T. -0.006 min

Lab File: VX048760.D

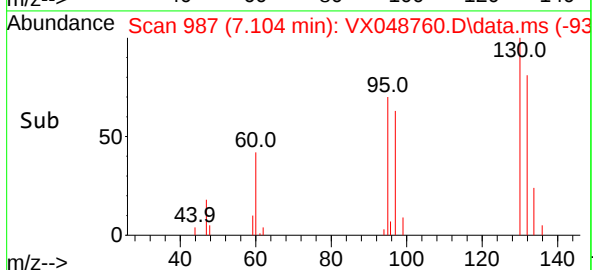
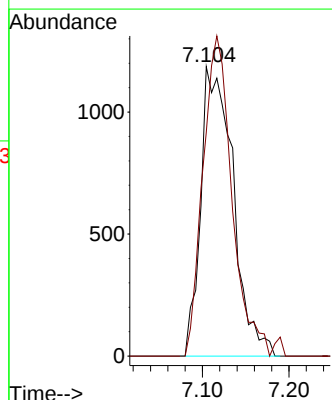
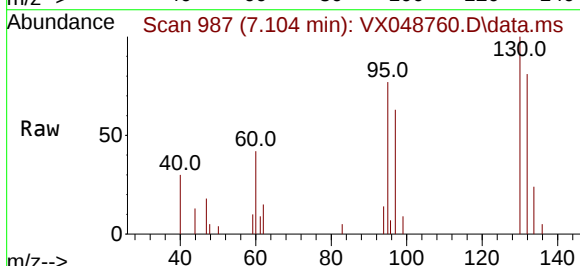
Acq: 08 Dec 2025 17:00

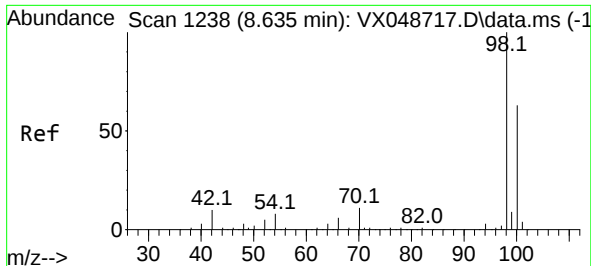
Tgt Ion:130 Resp: 3076

Ion Ratio Lower Upper

130 100

95 77.3 0.0 189.6

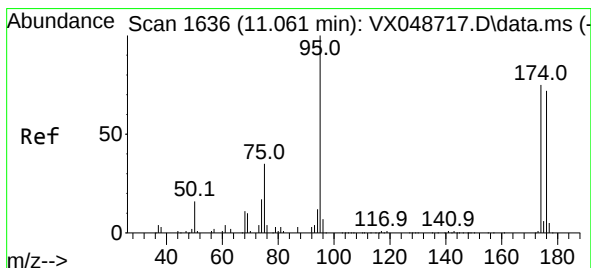
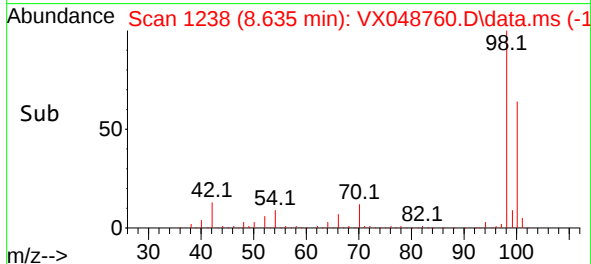
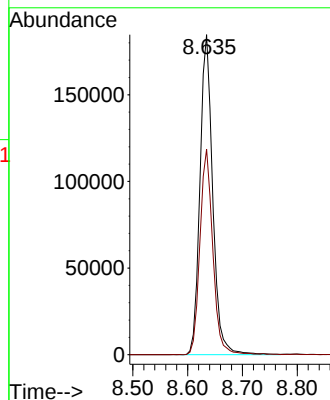
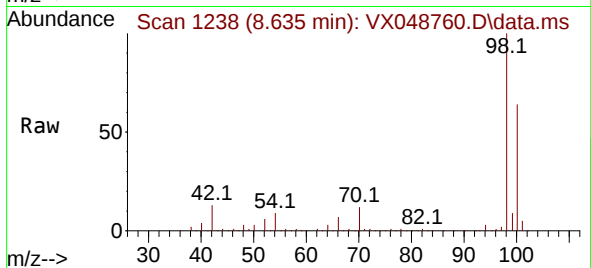




#50
Toluene-d8
Concen: 63.839 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048760.D
Acq: 08 Dec 2025 17:00

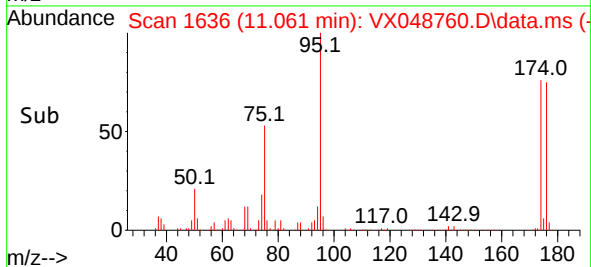
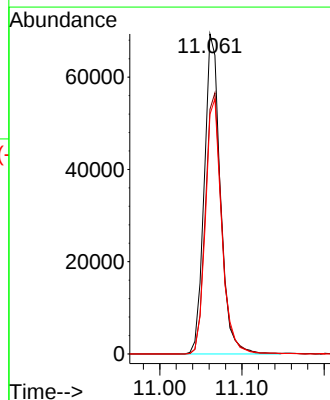
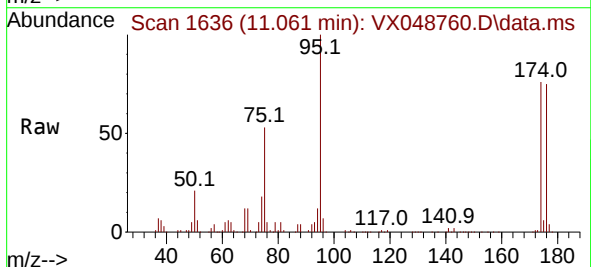
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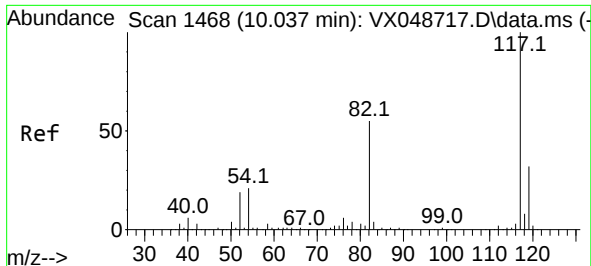
Tgt Ion: 98 Resp: 298903
Ion Ratio Lower Upper
98 100
100 64.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 58.397 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048760.D
Acq: 08 Dec 2025 17:00

Tgt Ion: 95 Resp: 94284
Ion Ratio Lower Upper
95 100
174 83.7 0.0 157.8
176 80.6 0.0 154.0

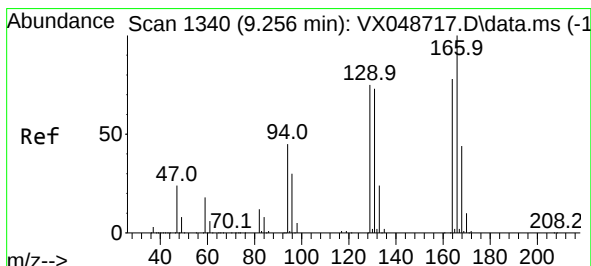
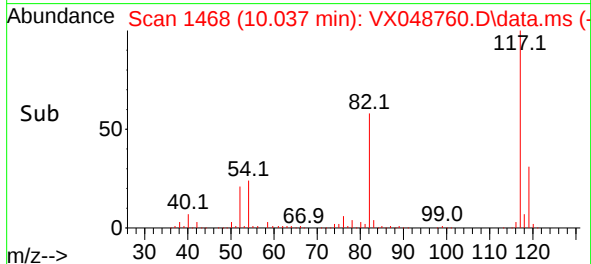
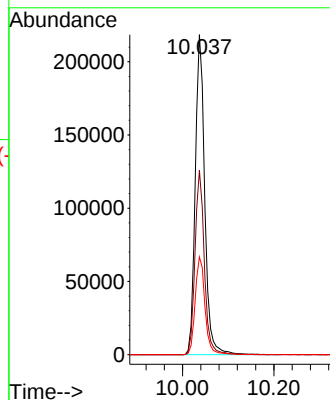
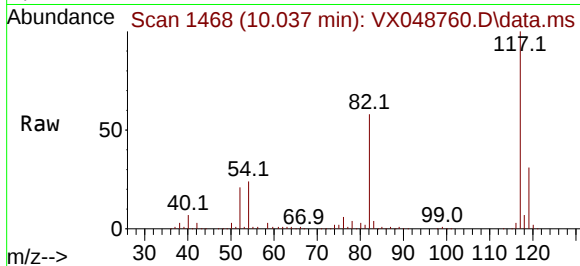




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048760.D
Acq: 08 Dec 2025 17:00

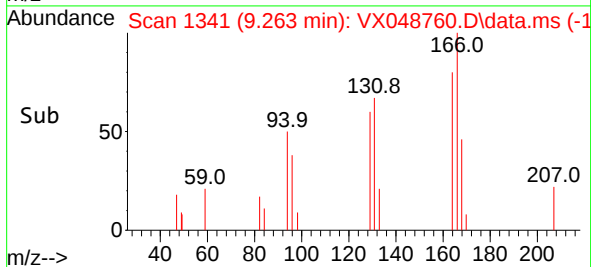
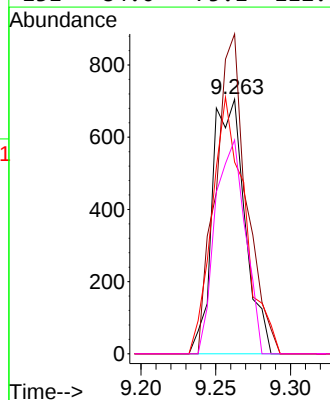
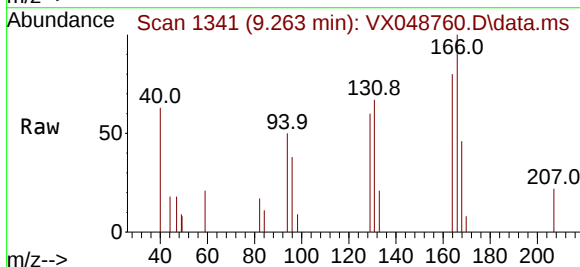
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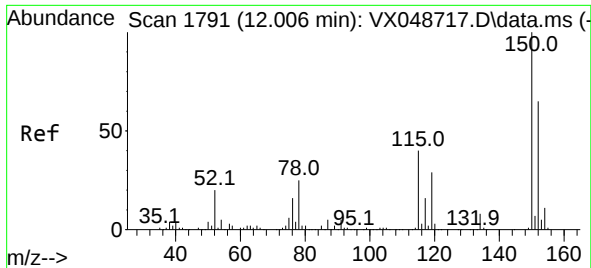
Tgt Ion:117 Resp: 314319
Ion Ratio Lower Upper
117 100
82 57.6 44.1 66.1
119 30.6 25.2 37.8



#64
Tetrachloroethene
Concen: 0.462 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048760.D
Acq: 08 Dec 2025 17:00

Tgt Ion:164 Resp: 1059
Ion Ratio Lower Upper
164 100
166 125.7 103.1 154.7
129 75.3 76.9 115.3#
131 84.0 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: VX048760.D

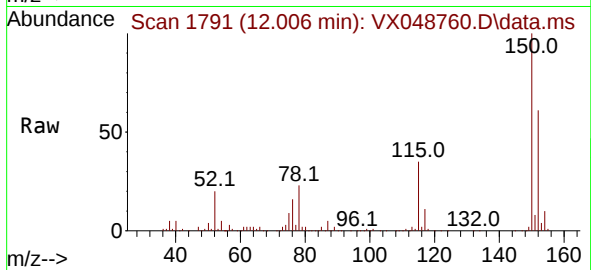
Acq: 08 Dec 2025 17:00

Instrument :

MSVOA_X

ClientSampleId :

OW-01B-66.5-120525



Tgt Ion:152 Resp: 113748

Ion Ratio Lower Upper

152 100

115 58.3 42.1 126.4

150 159.2 0.0 347.8

