

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048140.D
 Acq On : 13 Oct 2025 14:28
 Operator : JC/MD
 Sample : Q3311-15 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-DUP

Quant Time: Oct 14 01:55:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

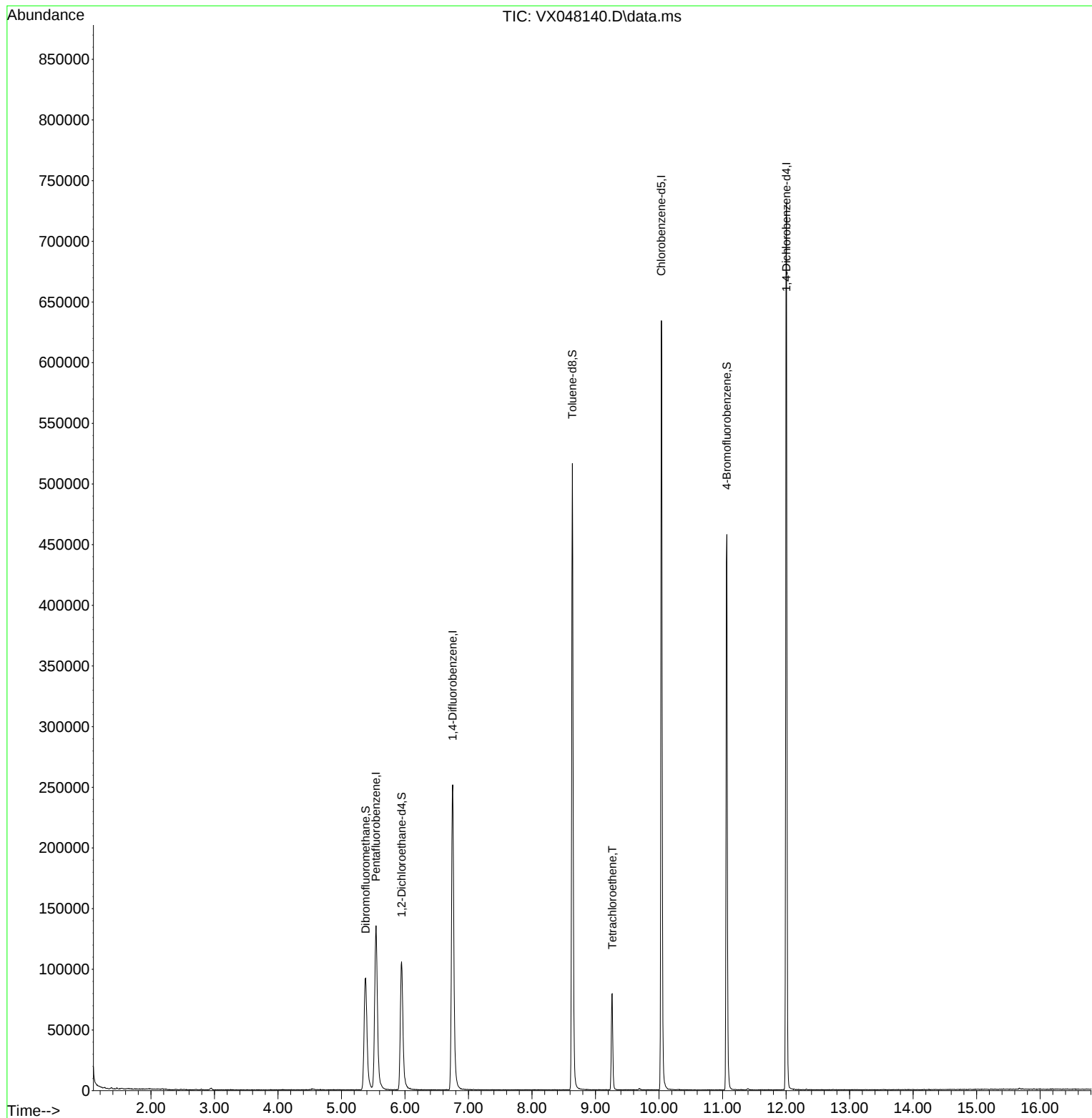
Internal Standards						
1) Pentafluorobenzene	5.543	168	132902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	272688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	299057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115656	54.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.340%	
35) Dibromofluoromethane	5.379	113	91927	50.266	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.540%	
50) Toluene-d8	8.634	98	313129	49.483	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	11.067	95	135223	56.306	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.620%	
Target Compounds						
64) Tetrachloroethene	9.262	164	15725	8.066	ug/l	Qvalue 98

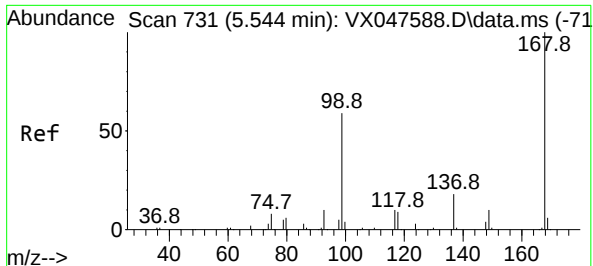
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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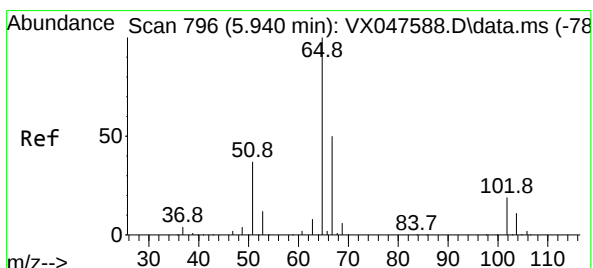
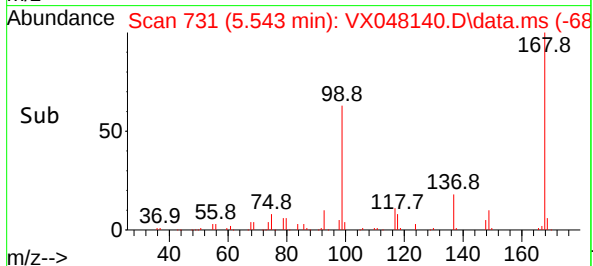
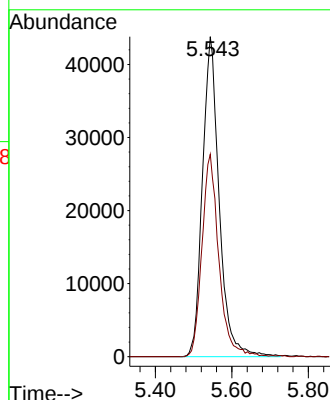
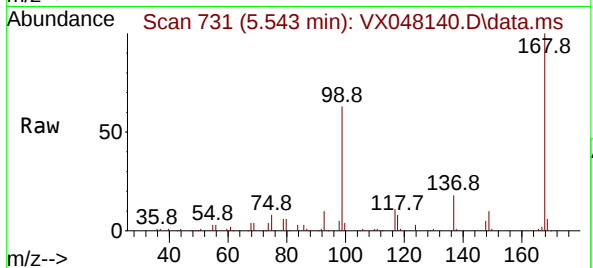




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048140.D
Acq: 13 Oct 2025 14:28

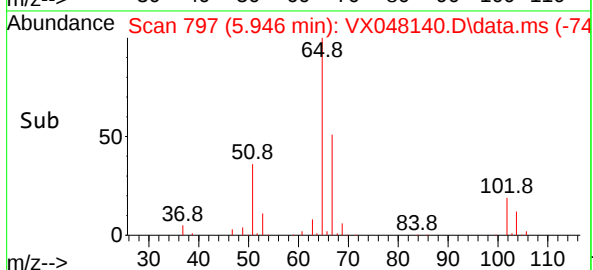
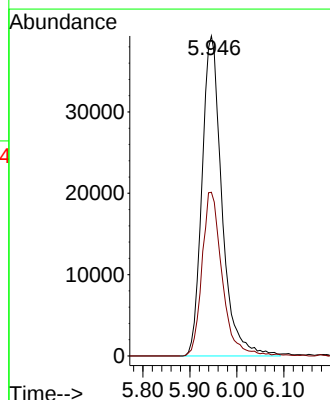
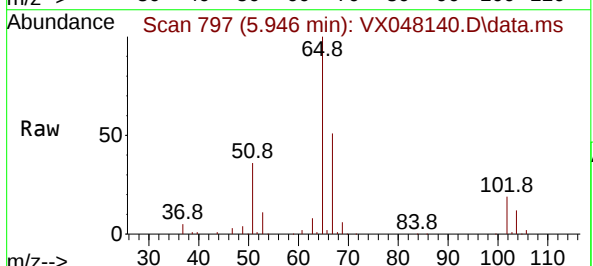
Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

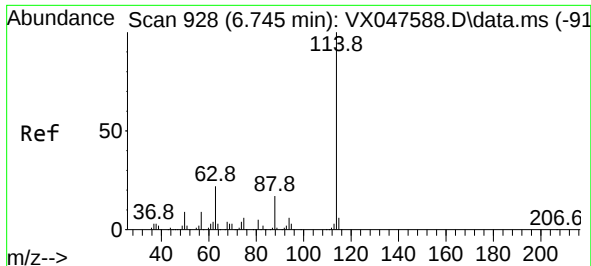
Tgt Ion:168 Resp: 132902
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.672 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048140.D
Acq: 13 Oct 2025 14:28

Tgt Ion: 65 Resp: 115656
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

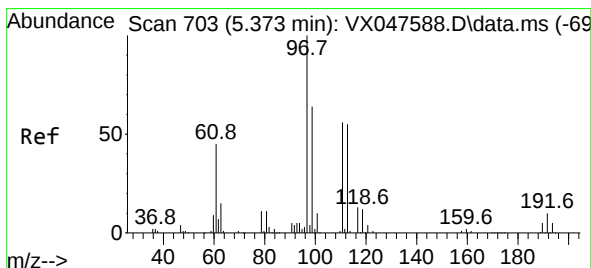
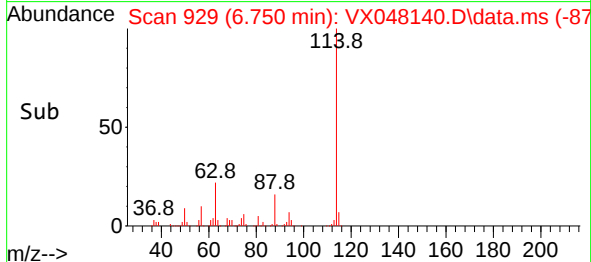
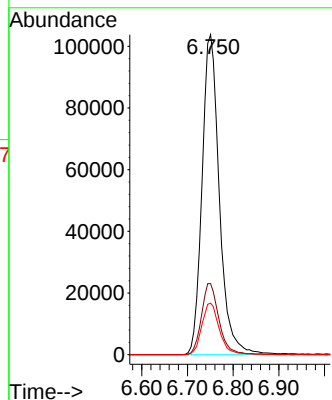
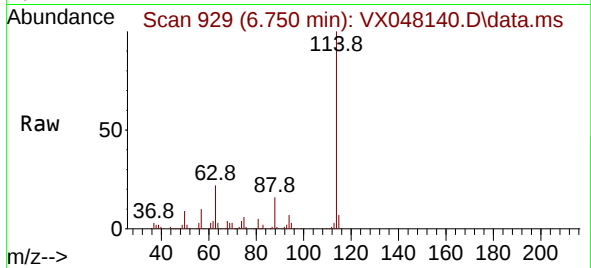




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048140.D
Acq: 13 Oct 2025 14:28

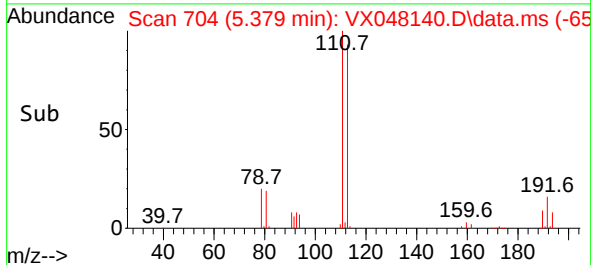
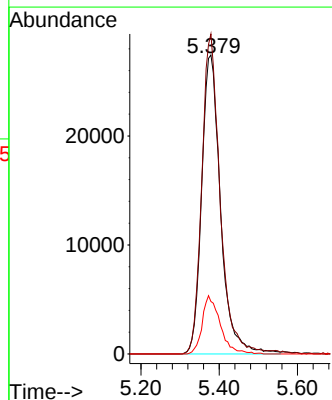
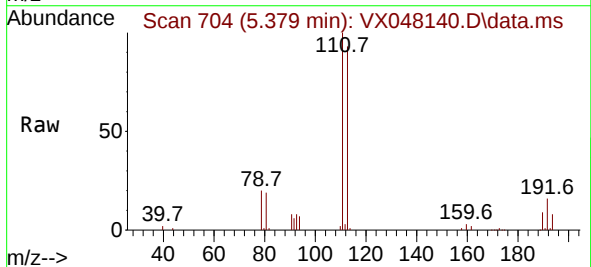
Instrument :
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ClientSampleId :
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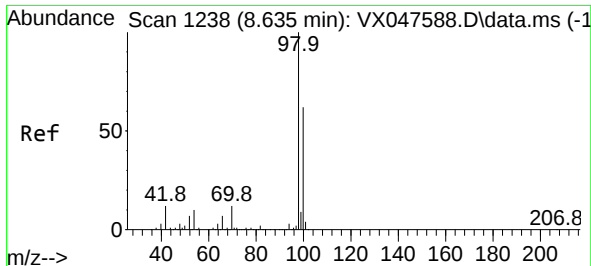
Tgt Ion:114 Resp: 272688
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.266 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048140.D
Acq: 13 Oct 2025 14:28

Tgt Ion:113 Resp: 91927
Ion Ratio Lower Upper
113 100
111 103.5 80.9 121.3
192 18.5 14.2 21.4

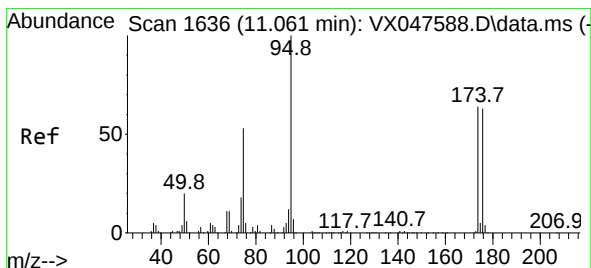
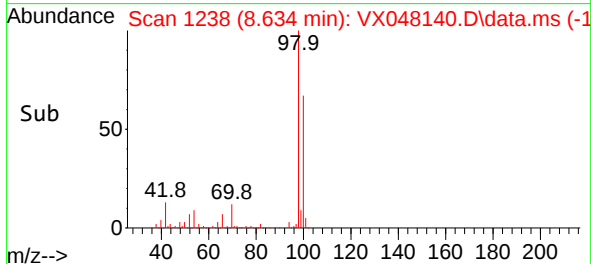
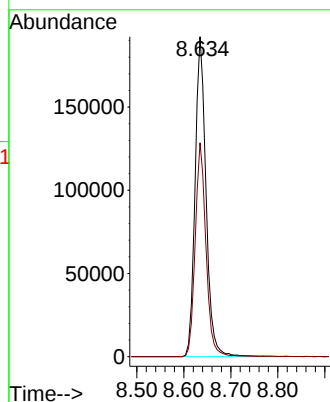
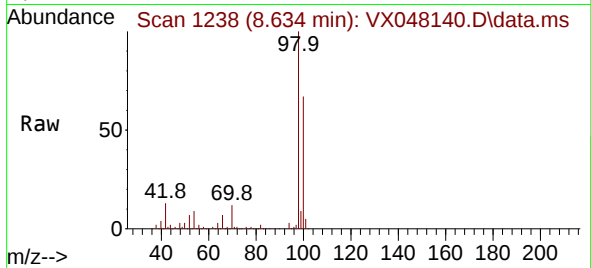




#50
Toluene-d8
Concen: 49.483 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048140.D
Acq: 13 Oct 2025 14:28

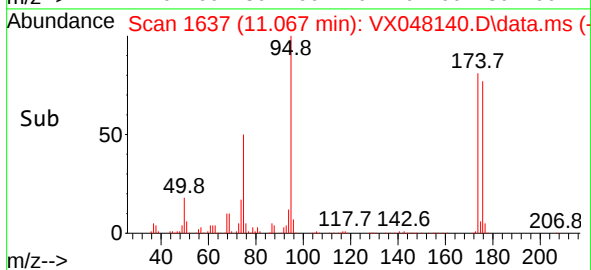
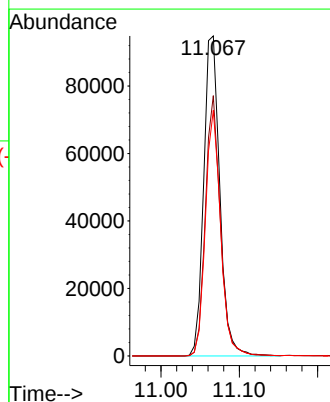
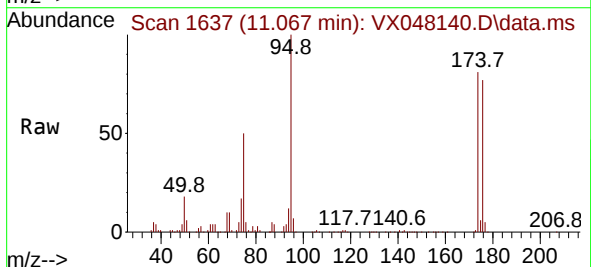
Instrument :
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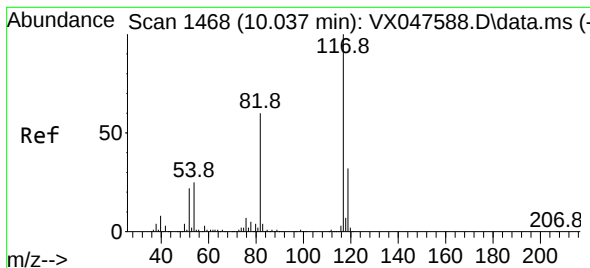
Tgt Ion: 98 Resp: 313129
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.306 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048140.D
Acq: 13 Oct 2025 14:28

Tgt Ion: 95 Resp: 135223
Ion Ratio Lower Upper
95 100
174 76.0 0.0 141.6
176 72.7 0.0 138.4

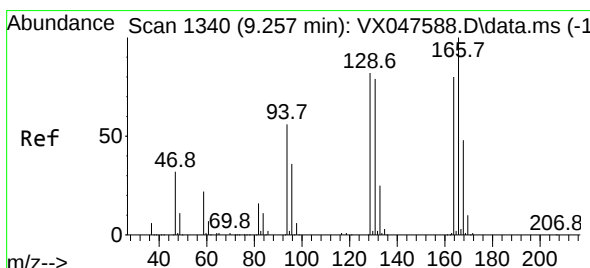
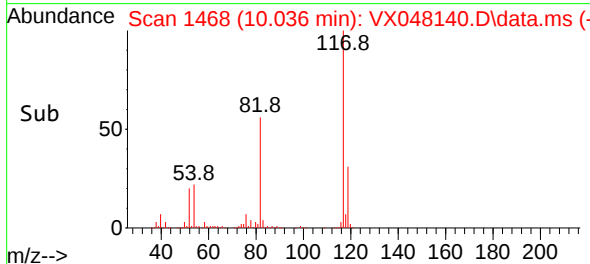
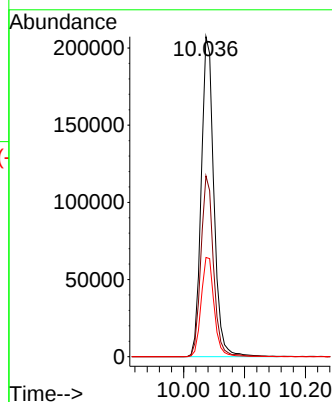
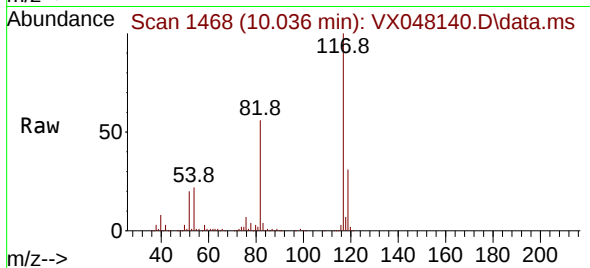




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048140.D
Acq: 13 Oct 2025 14:28

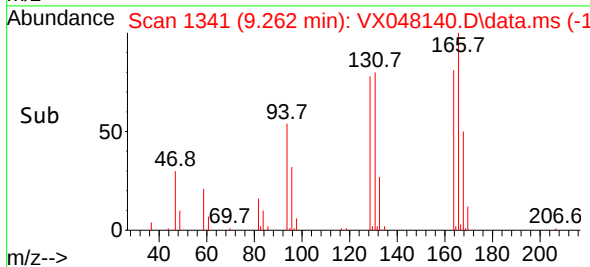
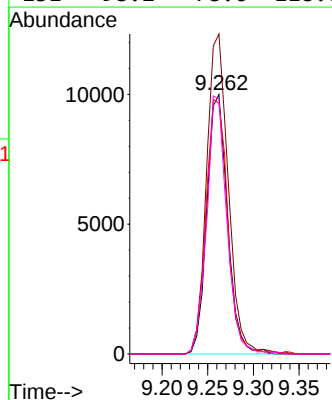
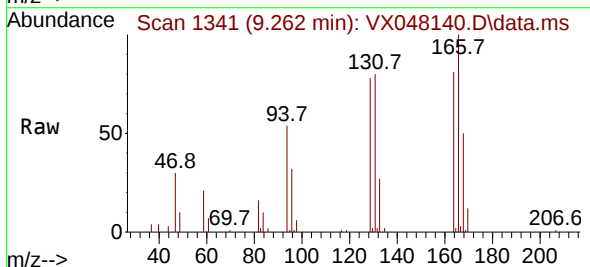
Instrument :
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ClientSampleId :
GW-DUP

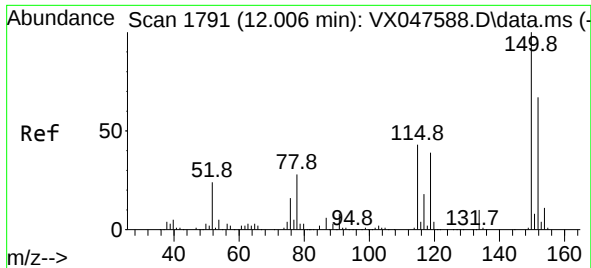
Tgt Ion:117 Resp: 299057
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.6
119 31.0 25.2 37.8



#64
Tetrachloroethene
Concen: 8.066 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048140.D
Acq: 13 Oct 2025 14:28

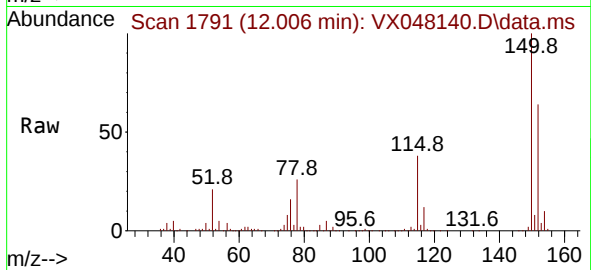
Tgt Ion:164 Resp: 15725
Ion Ratio Lower Upper
164 100
166 123.3 100.2 150.2
129 96.6 81.8 122.6
131 98.2 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048140.D
 Acq: 13 Oct 2025 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-DUP



Tgt Ion:152 Resp: 153168
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.9 134.5
 150 158.4 0.0 352.0

