

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048139.D
 Acq On : 13 Oct 2025 14:08
 Operator : JC/MD
 Sample : Q3311-14 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-227B

Quant Time: Oct 14 01:54:44 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)

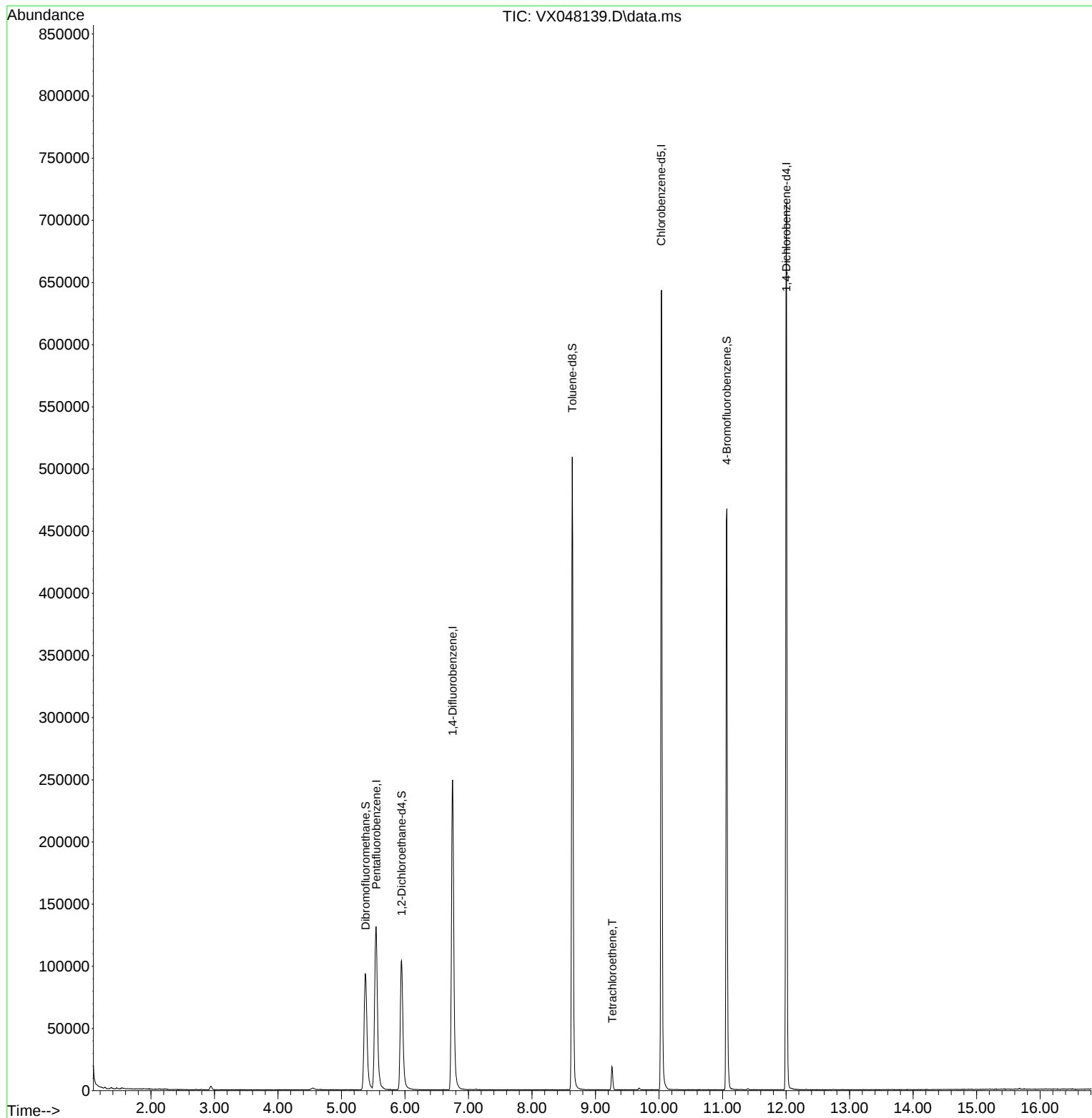
Internal Standards						
1) Pentafluorobenzene	5.550	168	132723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	287637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114891	54.383	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.760%	
35) Dibromofluoromethane	5.379	113	92359	50.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.400%	
50) Toluene-d8	8.635	98	308796	48.986	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	11.067	95	137711	57.562	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.120%	
Target Compounds						Qvalue
64) Tetrachloroethene	9.262	164	3791	2.022	ug/l	88

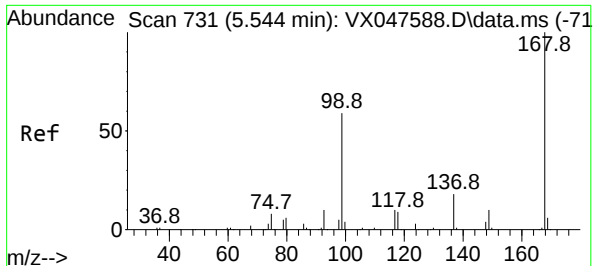
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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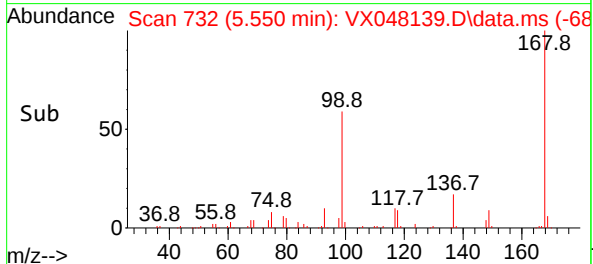
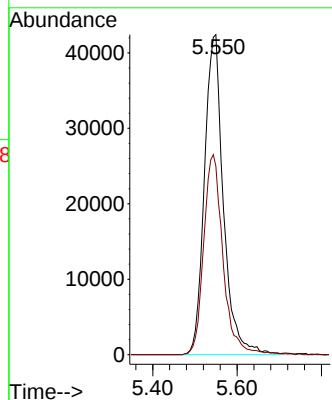
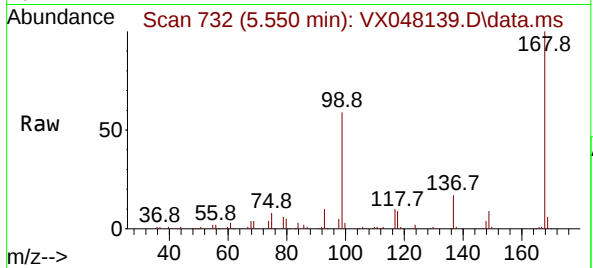




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048139.D
Acq: 13 Oct 2025 14:08

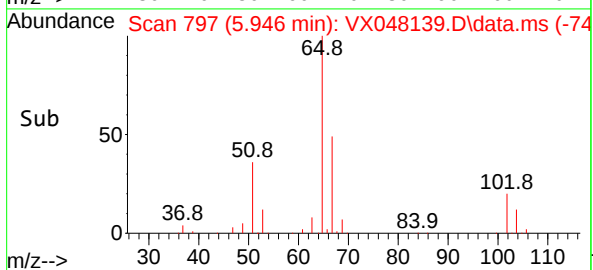
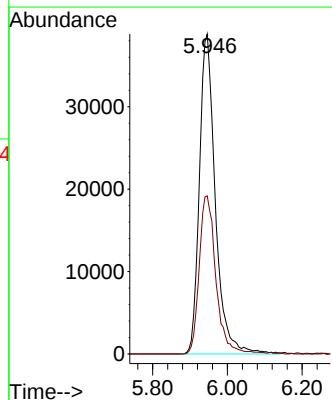
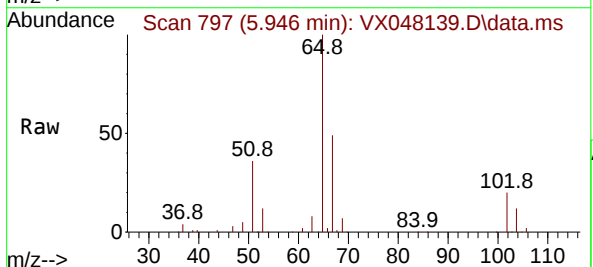
Instrument :
MSVOA_X
ClientSampleId :
MW-227B

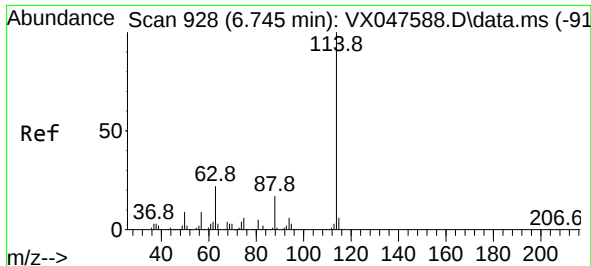
Tgt Ion:168 Resp: 132723
Ion Ratio Lower Upper
168 100
99 58.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.383 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048139.D
Acq: 13 Oct 2025 14:08

Tgt Ion: 65 Resp: 114891
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

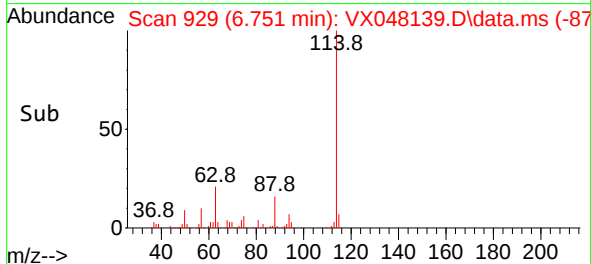
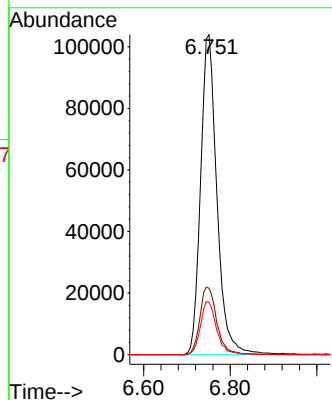
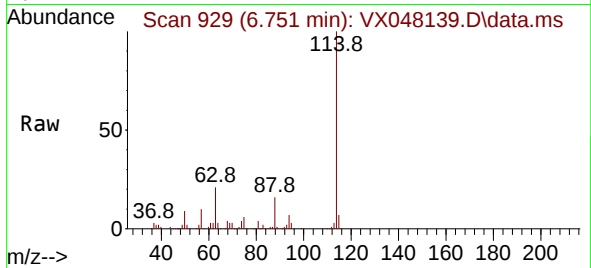




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048139.D
Acq: 13 Oct 2025 14:08

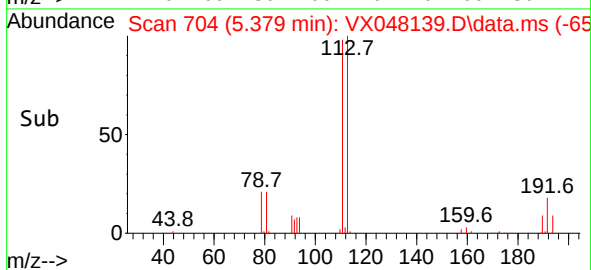
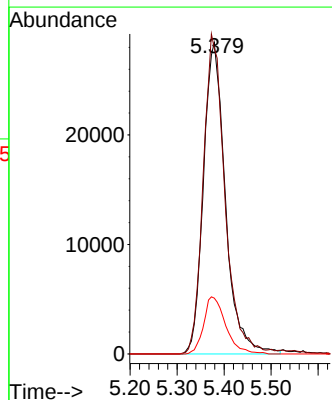
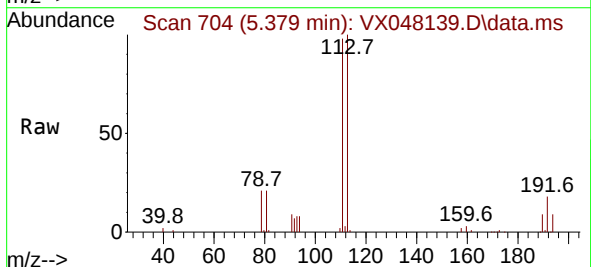
Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion:114 Resp: 271642
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.697 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048139.D
Acq: 13 Oct 2025 14:08

Tgt Ion:113 Resp: 92359
Ion Ratio Lower Upper
113 100
111 101.0 80.9 121.3
192 18.4 14.2 21.4

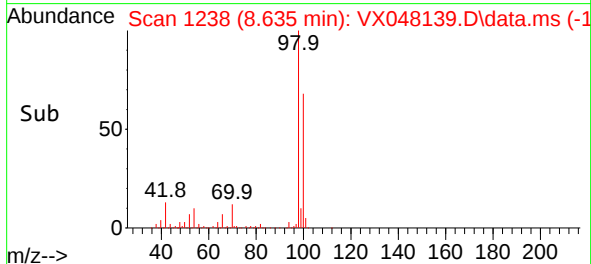
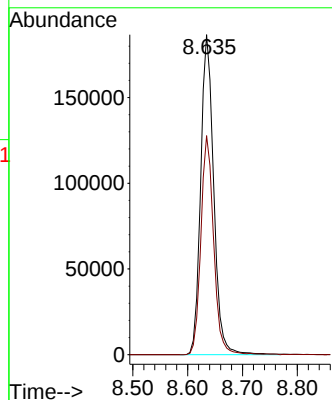
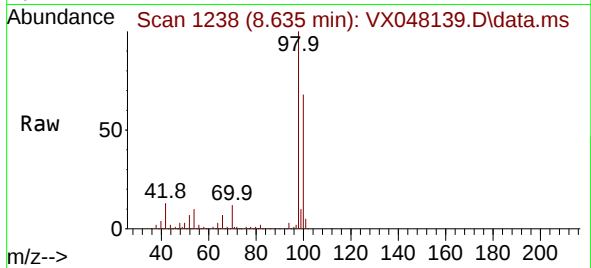




#50
Toluene-d8
Concen: 48.986 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048139.D
Acq: 13 Oct 2025 14:08

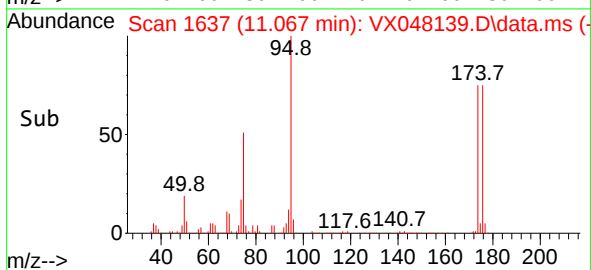
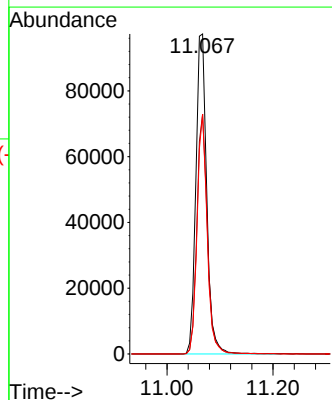
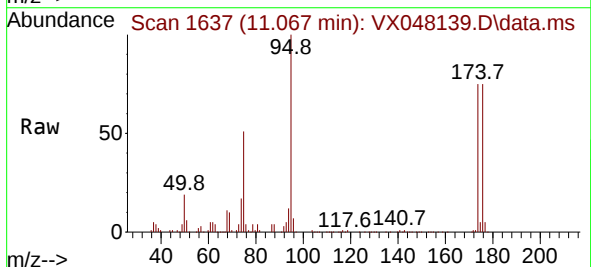
Instrument :
MSVOA_X
ClientSampleId :
MW-227B

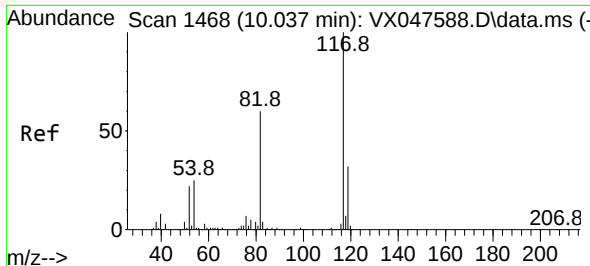
Tgt Ion: 98 Resp: 308796
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.562 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048139.D
Acq: 13 Oct 2025 14:08

Tgt Ion: 95 Resp: 137711
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.8 0.0 138.4

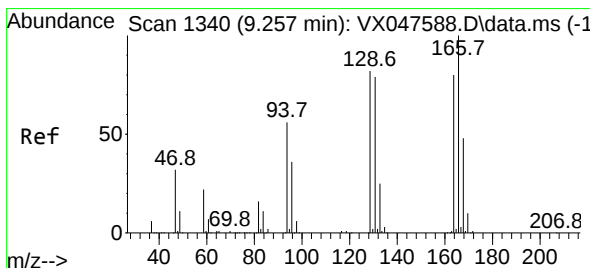
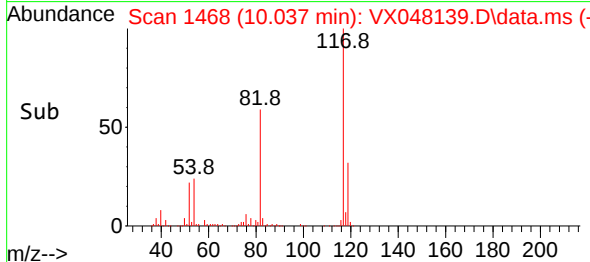
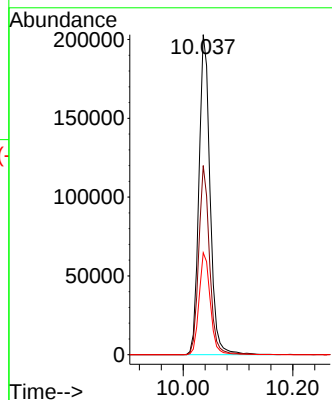
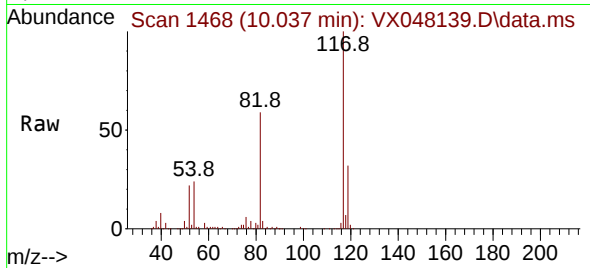




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048139.D
Acq: 13 Oct 2025 14:08

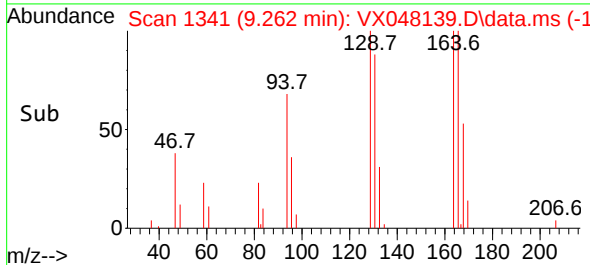
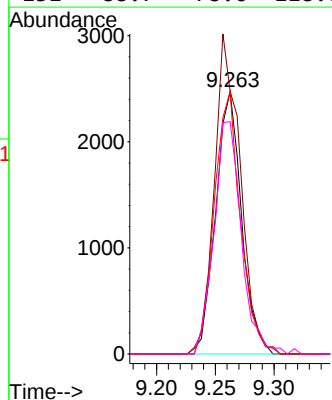
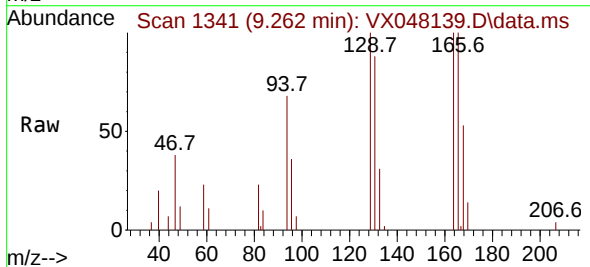
Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion:117 Resp: 287637
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.6
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 2.022 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048139.D
Acq: 13 Oct 2025 14:08

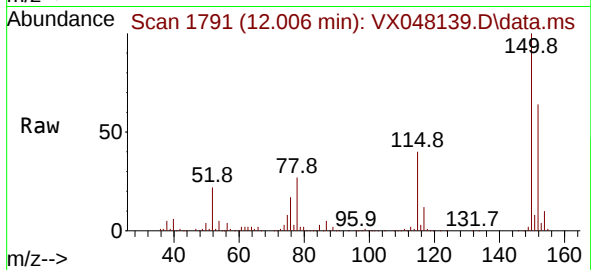
Tgt Ion:164 Resp: 3791
Ion Ratio Lower Upper
164 100
166 100.2 100.2 150.2
129 100.2 81.8 122.6
131 88.7 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048139.D
 Acq: 13 Oct 2025 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-227B



Tgt Ion:152 Resp: 145860
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 157.0 0.0 352.0

