

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047613.D
 Acq On : 17 Sep 2025 13:24
 Operator : JC/MD
 Sample : Q3095-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20250909

Quant Time: Sep 18 02:03:47 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)

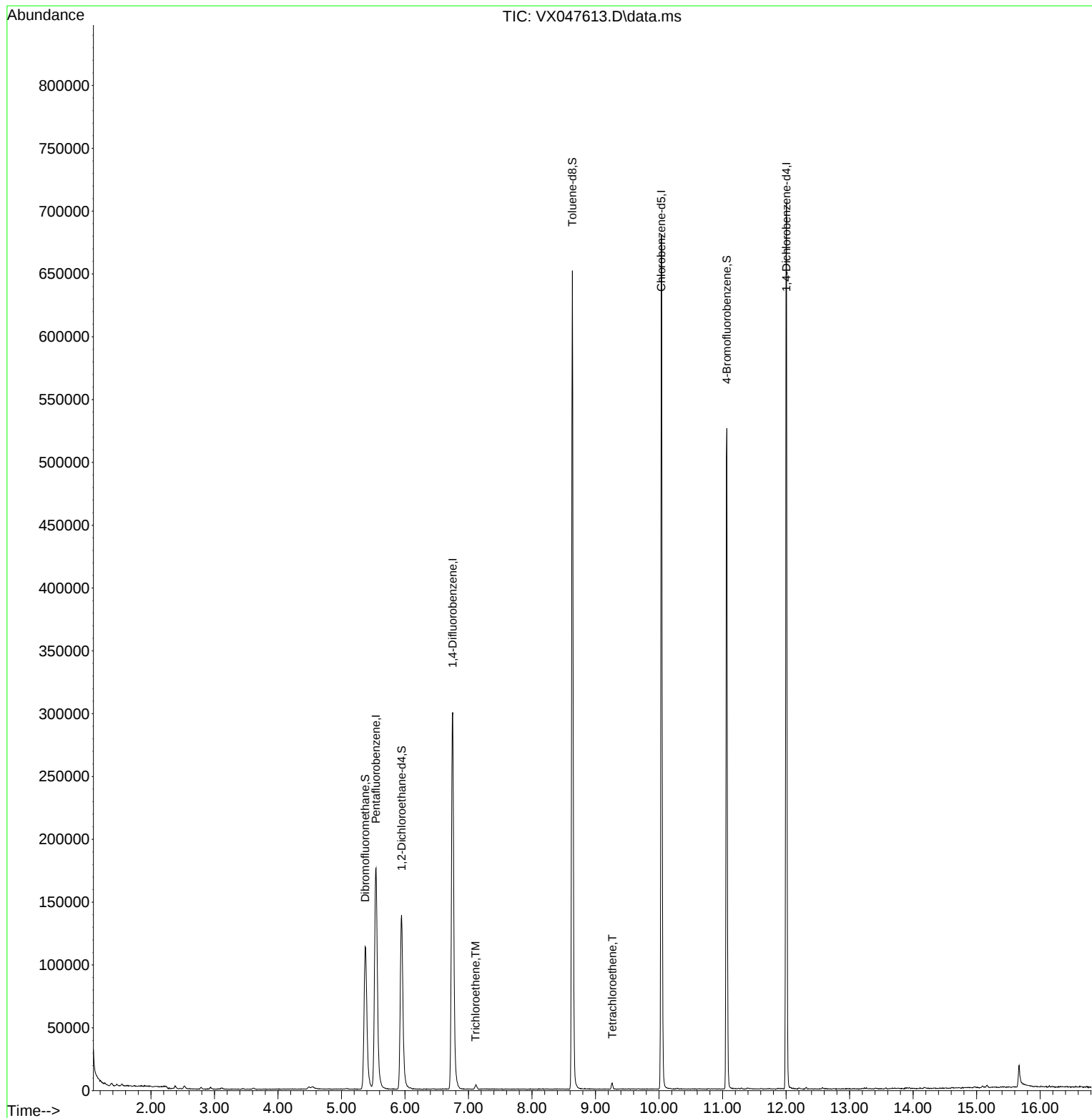
Internal Standards						
1) Pentafluorobenzene	5.543	168	179159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	326791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	297810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	153137	53.699	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.400%	
35) Dibromofluoromethane	5.373	113	111971	51.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.180%	
50) Toluene-d8	8.634	98	392510	51.758	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.520%	
62) 4-Bromofluorobenzene	11.067	95	151652	52.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.380%	
Target Compounds						Qvalue
44) Trichloroethene	7.110	130	1382	0.588	ug/l	76
64) Tetrachloroethene	9.262	164	968	0.499	ug/l	93

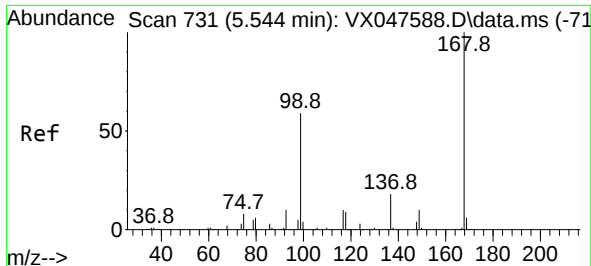
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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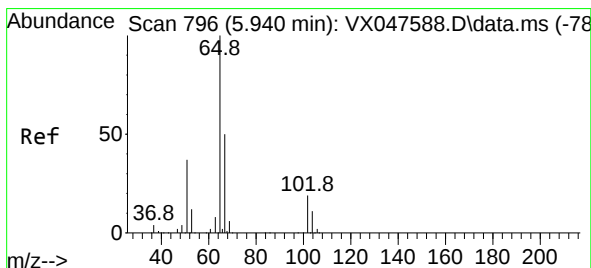
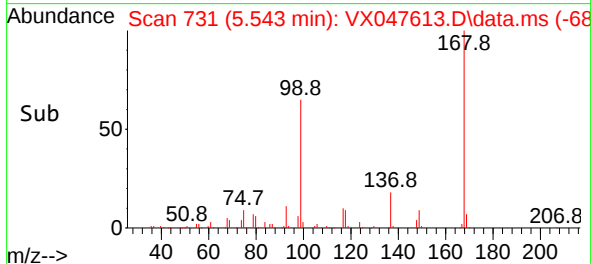
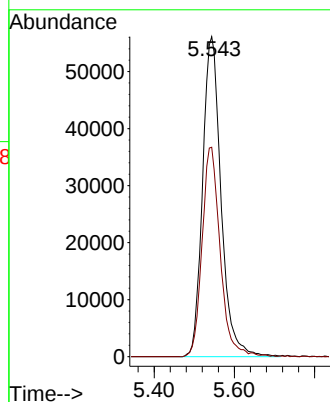
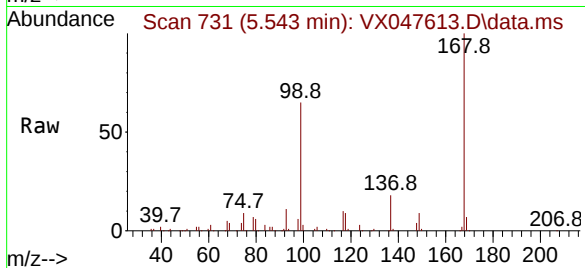




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 713
Delta R.T. -0.001 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

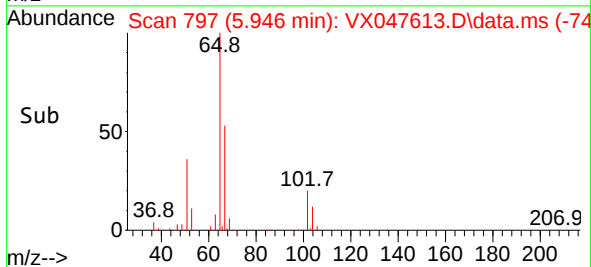
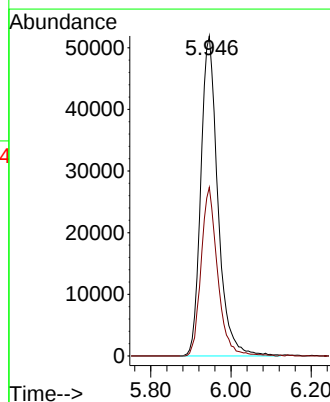
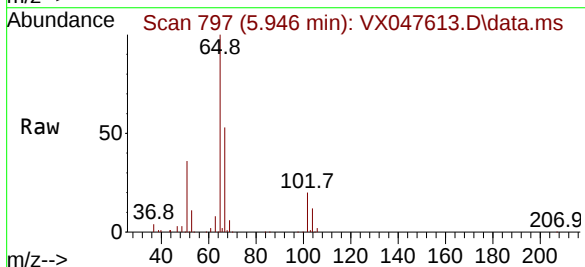
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20250909

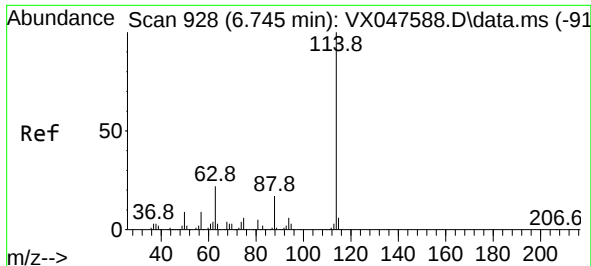
Tgt Ion:168 Resp: 179159
Ion Ratio Lower Upper
168 100
99 65.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.699 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

Tgt Ion: 65 Resp: 153137
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0

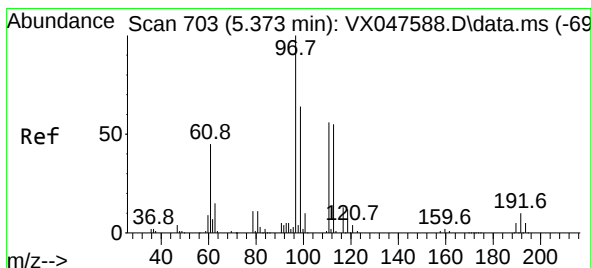
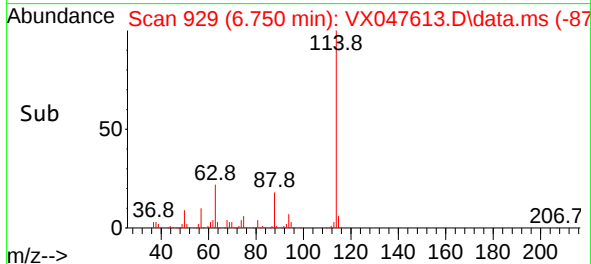
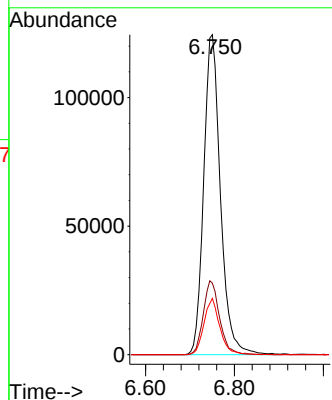
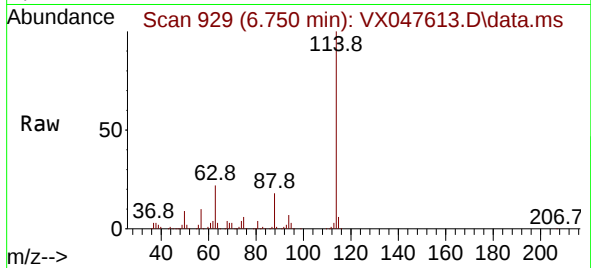




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

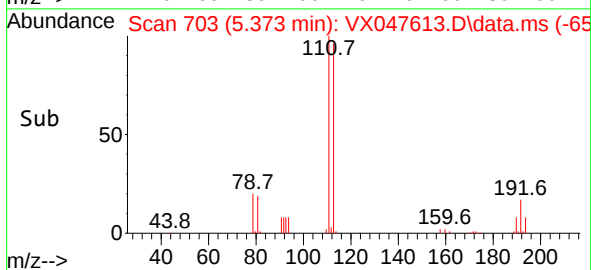
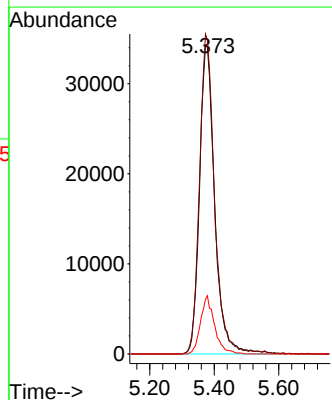
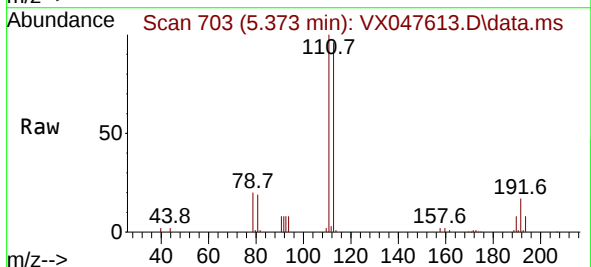
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20250909

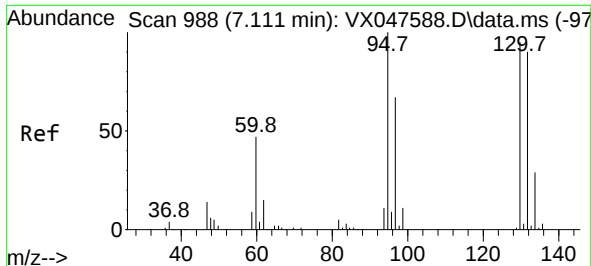
Tgt Ion:114 Resp: 326791
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 17.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.090 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

Tgt Ion:113 Resp: 111971
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.3 14.2 21.4

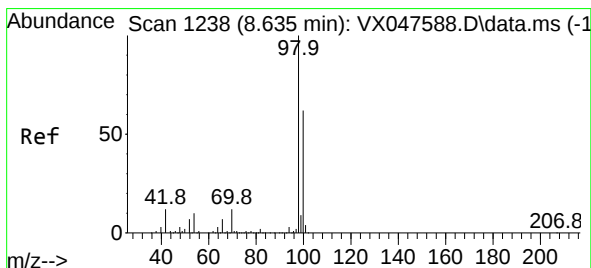
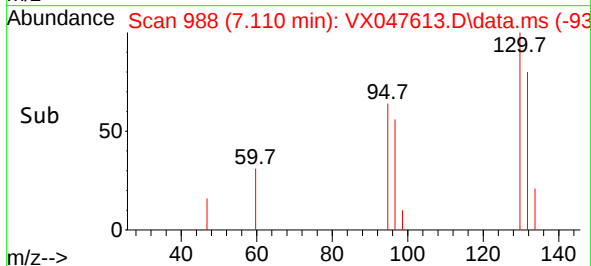
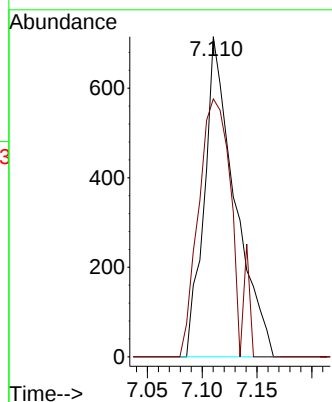
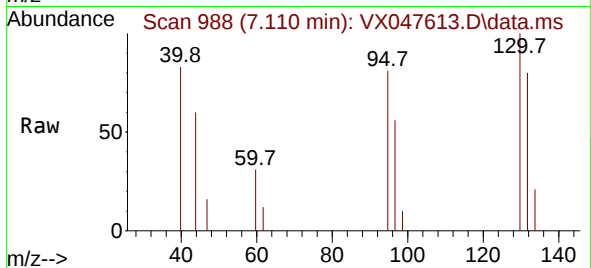




#44
Trichloroethene
Concen: 0.588 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

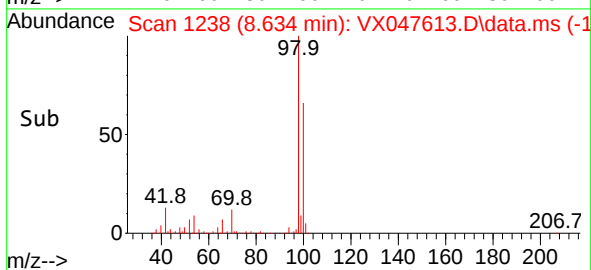
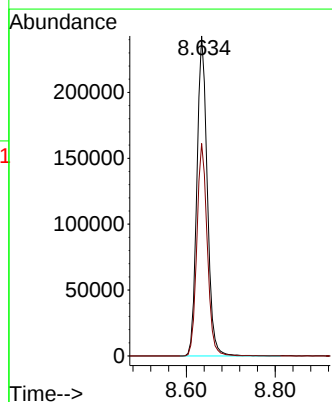
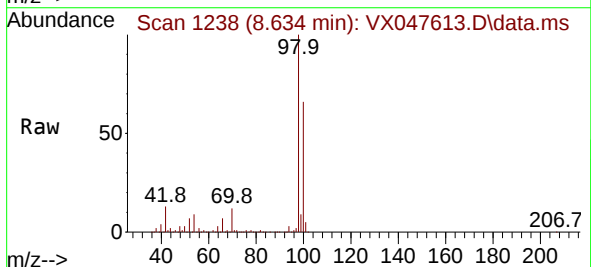
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20250909

Tgt Ion:130 Resp: 1382
Ion Ratio Lower Upper
130 100
95 80.6 0.0 210.8



#50
Toluene-d8
Concen: 51.758 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

Tgt Ion: 98 Resp: 392510
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

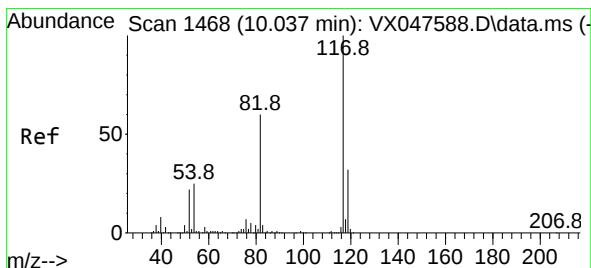
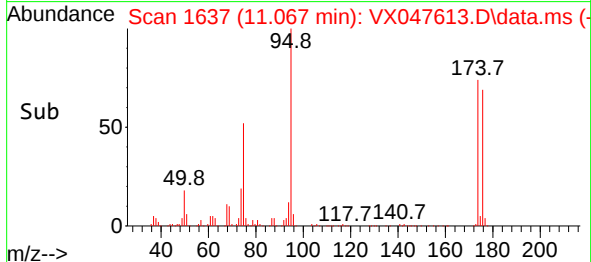
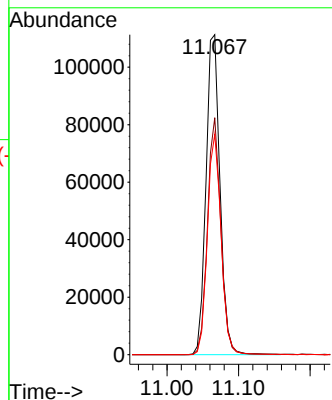
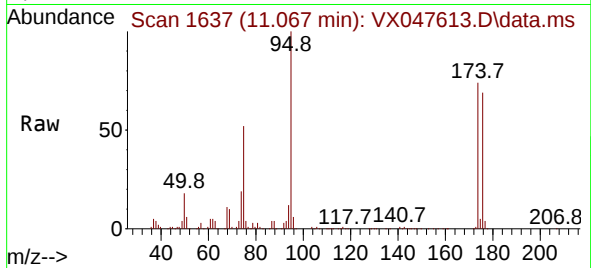




#62
4-Bromofluorobenzene
Concen: 52.692 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

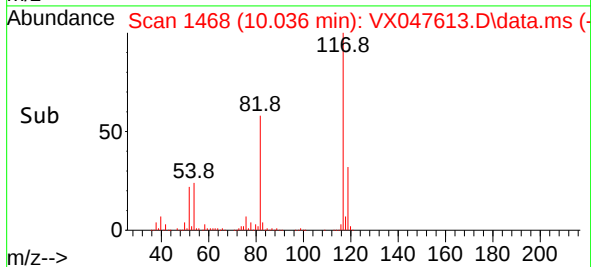
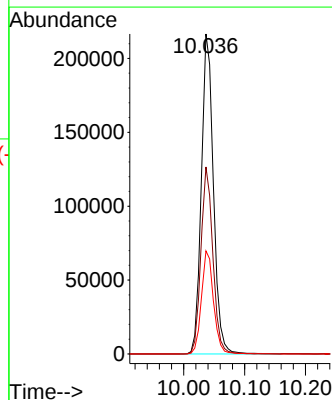
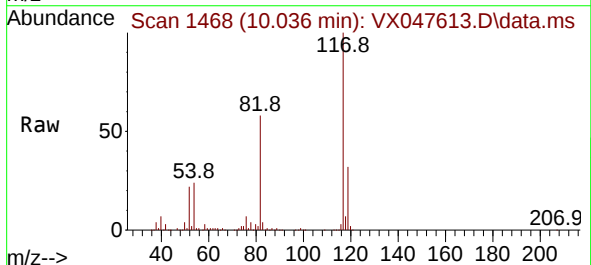
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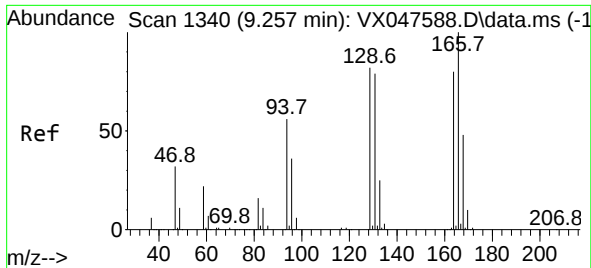
Tgt Ion: 95 Resp: 151652
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.6
176 67.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

Tgt Ion: 117 Resp: 297810
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.6
119 32.2 25.2 37.8

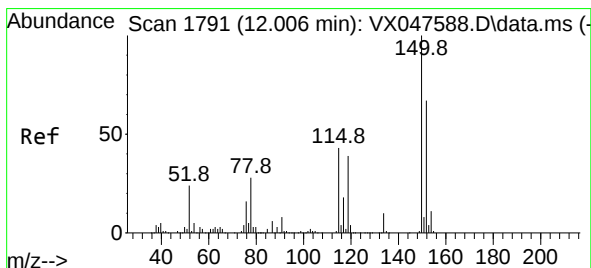
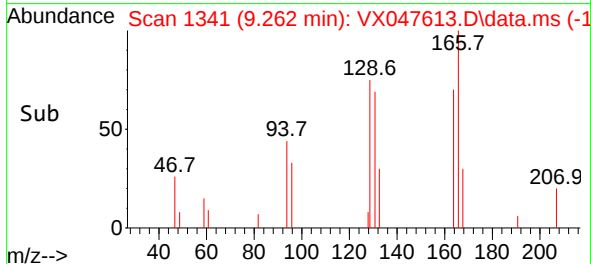
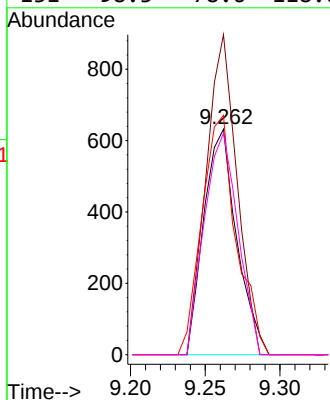
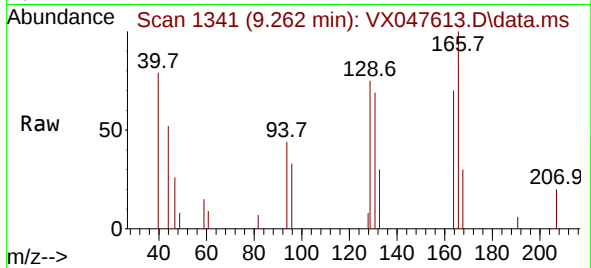




#64
Tetrachloroethene
Concen: 0.499 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20250909

Tgt Ion:164	Resp:	968
Ion	Ratio	Lower Upper
164	100	
166	141.9	100.2 150.2
129	106.2	81.8 122.6
131	98.3	78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047613.D
Acq: 17 Sep 2025 13:24

Tgt Ion:152	Resp:	144973
Ion	Ratio	Lower Upper
152	100	
115	62.7	44.9 134.5
150	156.4	0.0 352.0

