

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047608.D
 Acq On : 17 Sep 2025 11:39
 Operator : JC/MD
 Sample : Q3095-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20250908

Quant Time: Sep 18 02:01:55 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)

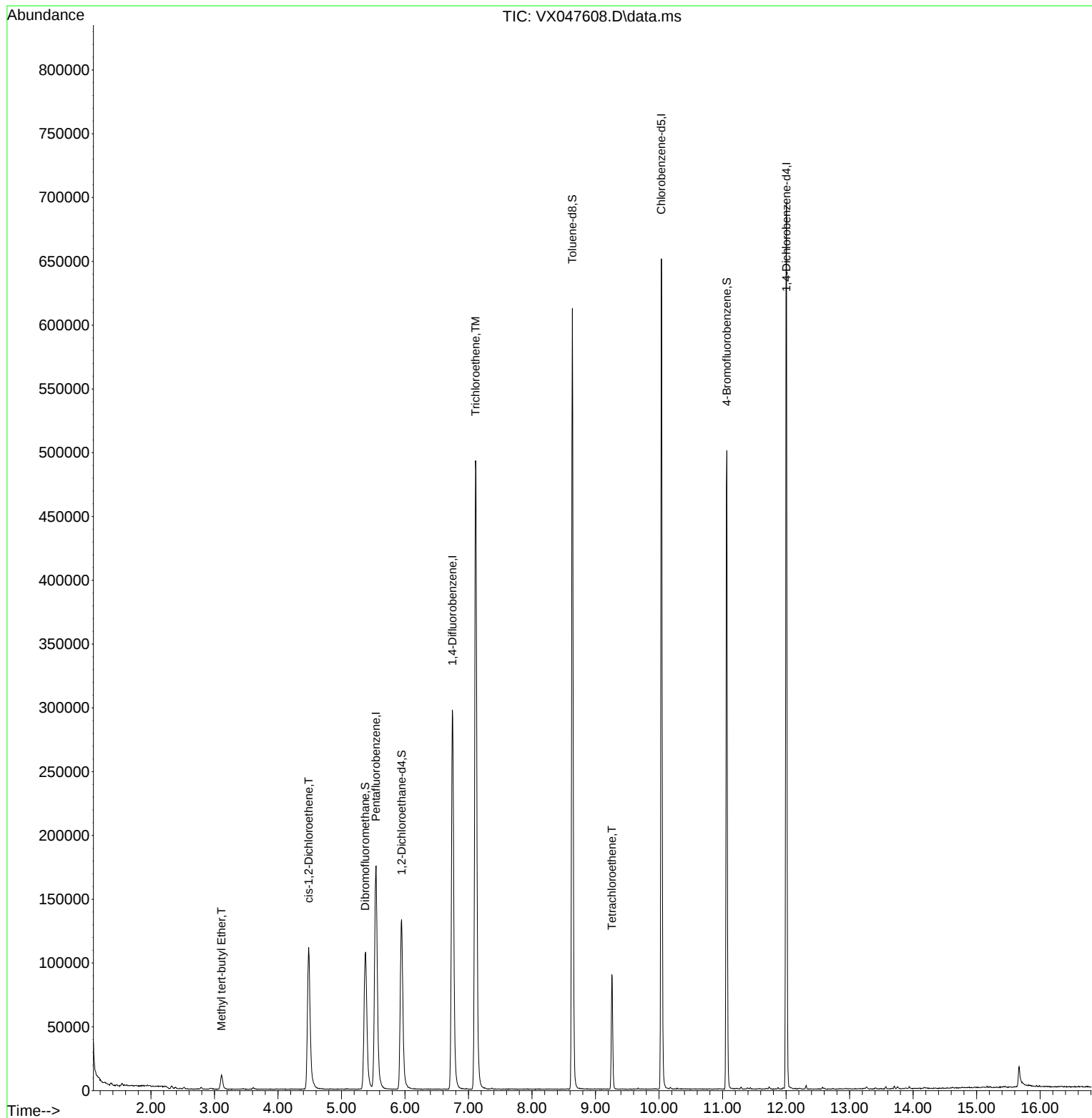
Internal Standards						
1) Pentafluorobenzene	5.543	168	173084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	325021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	144288	52.372	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.740%	
35) Dibromofluoromethane	5.373	113	105606	48.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.900%	
50) Toluene-d8	8.634	98	371842	49.300	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	11.067	95	145076	50.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.360%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	12940	1.724	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	76772	28.315	ug/l	90
44) Trichloroethene	7.110	130	205862	88.018	ug/l	98
64) Tetrachloroethene	9.256	164	17215	9.085	ug/l	98

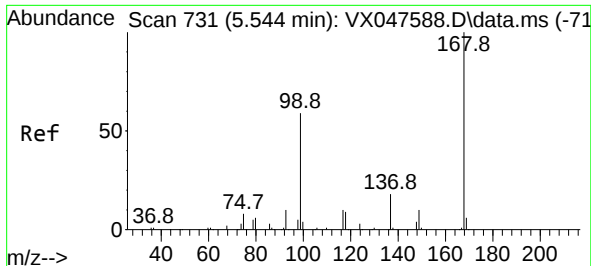
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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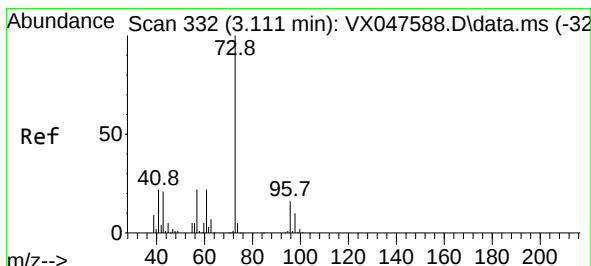
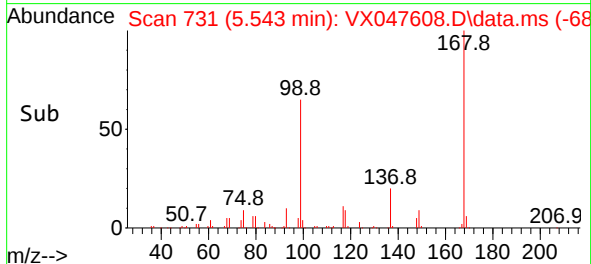
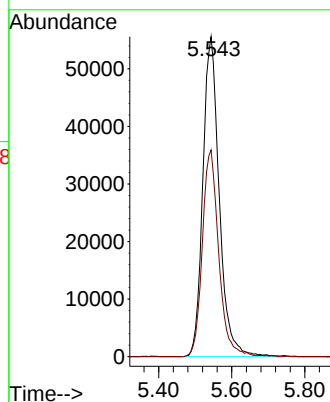
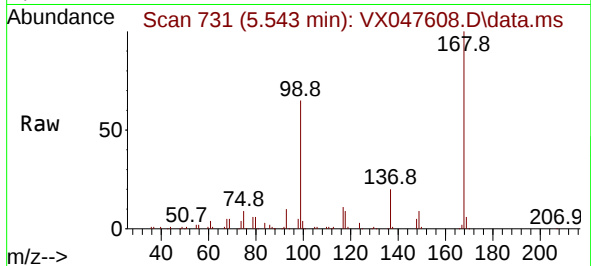




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

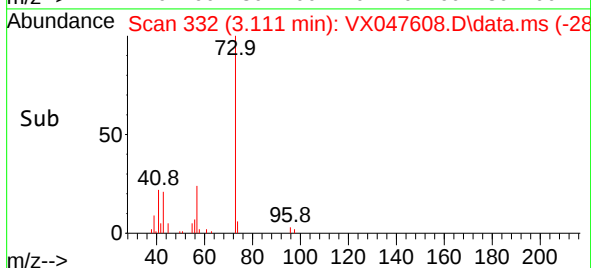
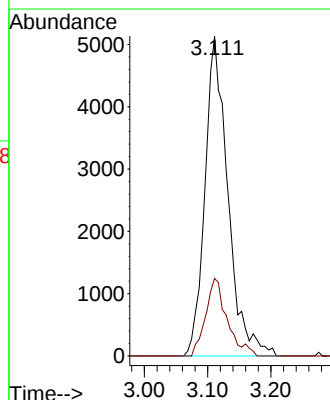
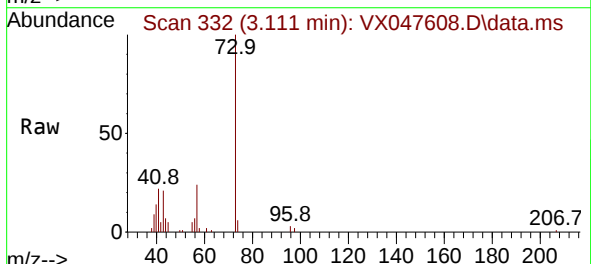
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20250908

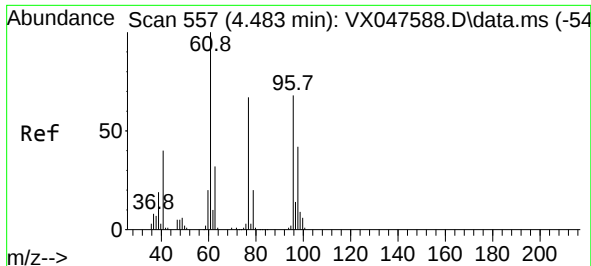
Tgt Ion:168 Resp: 173084
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 1.724 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

Tgt Ion: 73 Resp: 12940
Ion Ratio Lower Upper
73 100
57 24.3 17.4 26.2

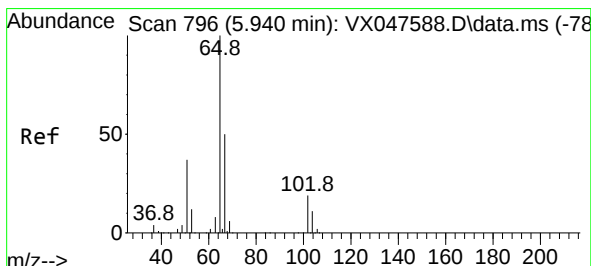
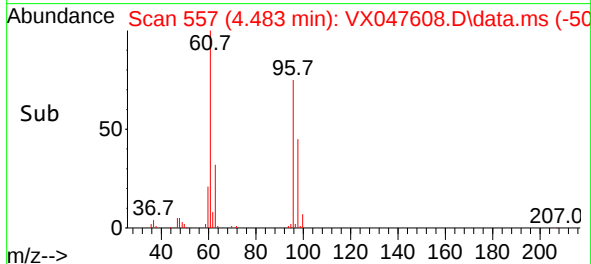
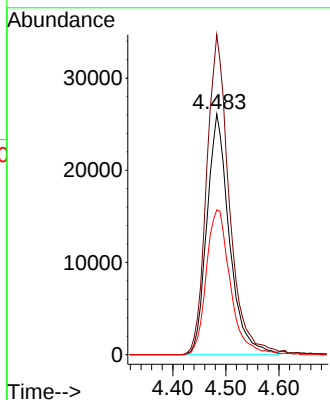
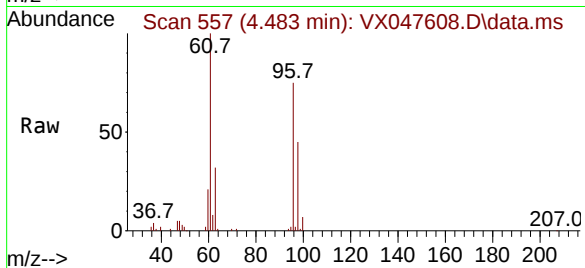




#27
 cis-1,2-Dichloroethene
 Concen: 28.315 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX047608.D
 Acq: 17 Sep 2025 11:39

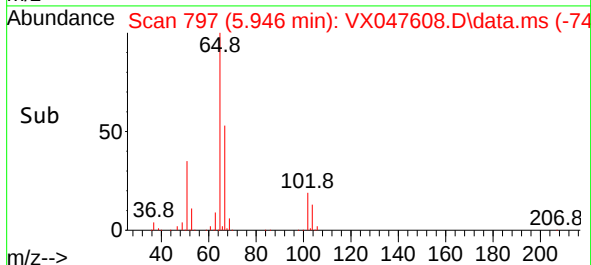
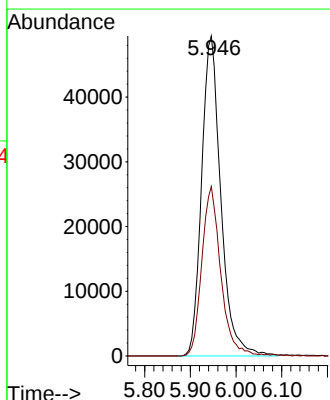
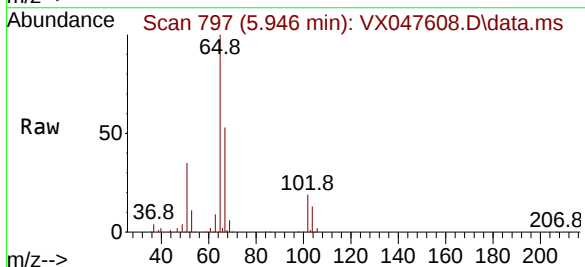
Instrument :
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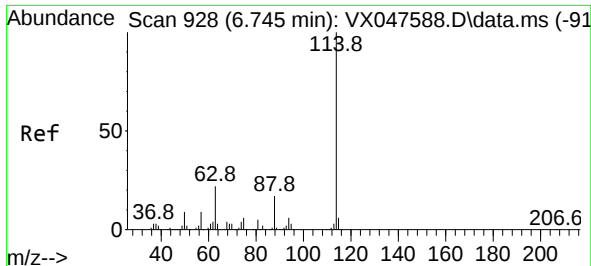
Tgt Ion: 96 Resp: 76772
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 303.2
 98 64.5 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 52.372 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX047608.D
 Acq: 17 Sep 2025 11:39

Tgt Ion: 65 Resp: 144288
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0

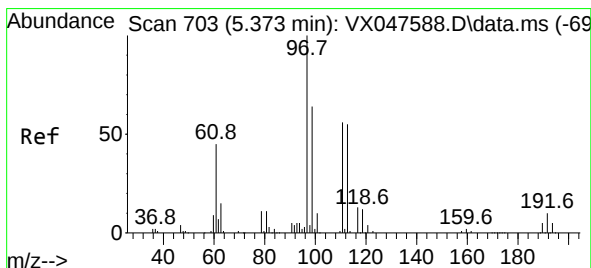
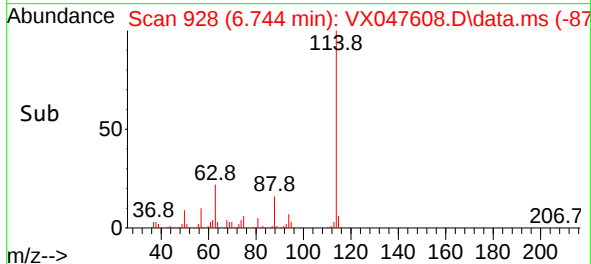
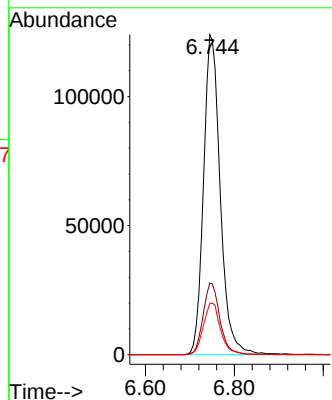
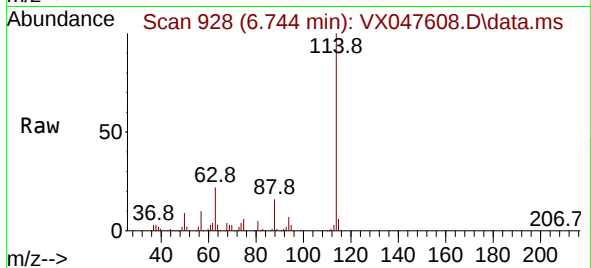




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

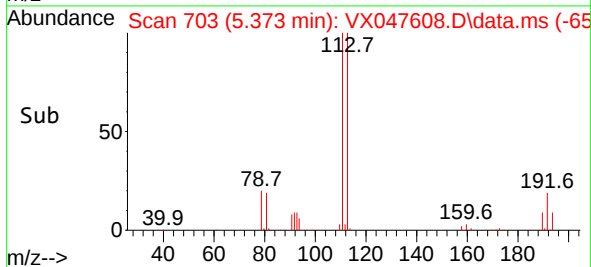
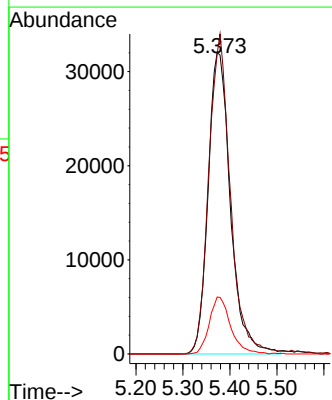
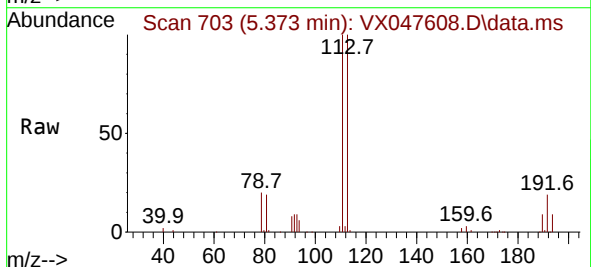
Instrument :
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ClientSampleId :
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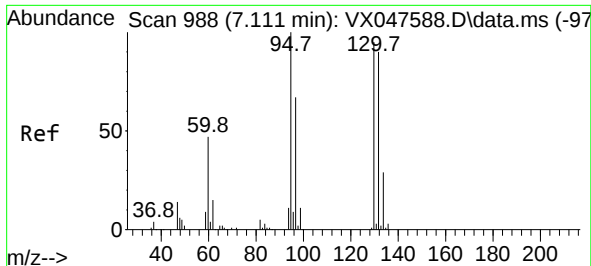
Tgt Ion:114 Resp: 325021
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.448 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

Tgt Ion:113 Resp: 105606
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 18.0 14.2 21.4

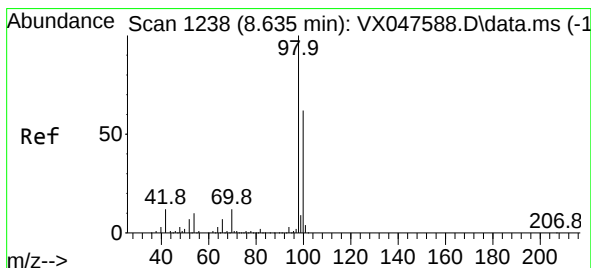
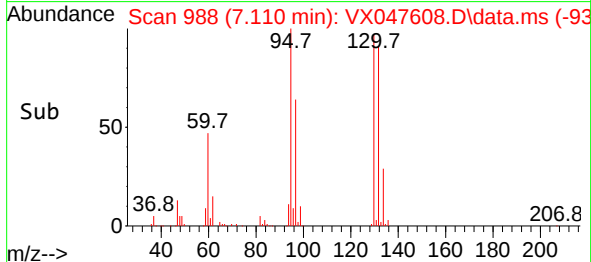
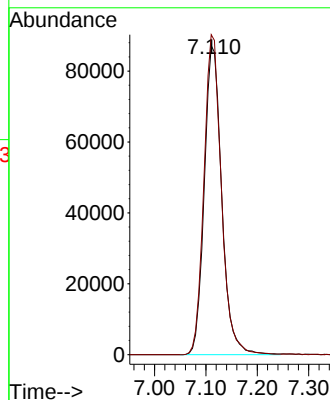
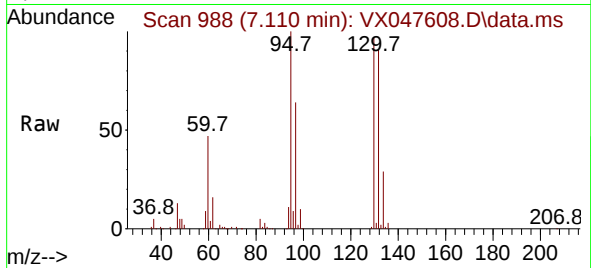




#44
Trichloroethene
Concen: 88.018 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

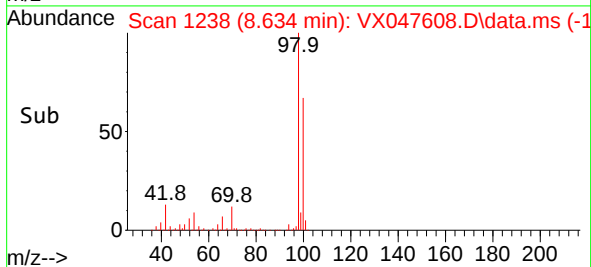
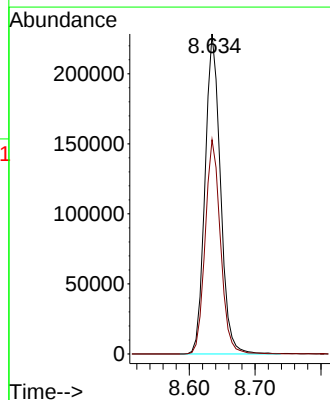
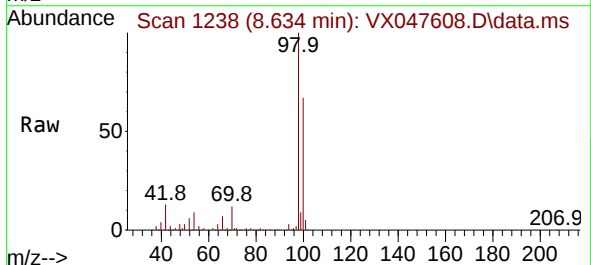
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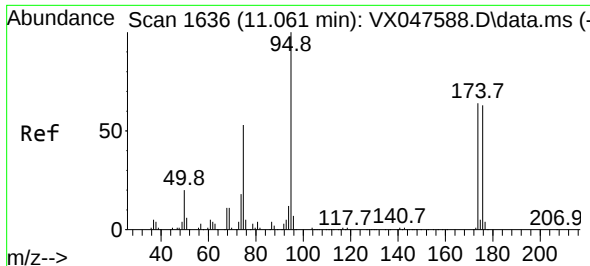
Tgt Ion:130 Resp: 205862
Ion Ratio Lower Upper
130 100
95 103.5 0.0 210.8



#50
Toluene-d8
Concen: 49.300 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

Tgt Ion: 98 Resp: 371842
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

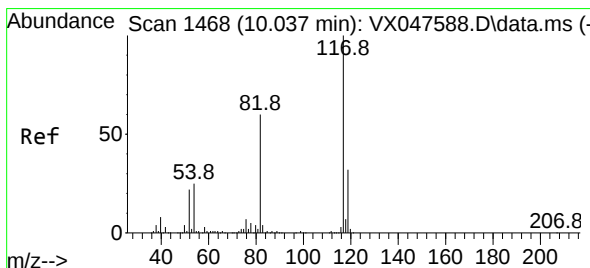
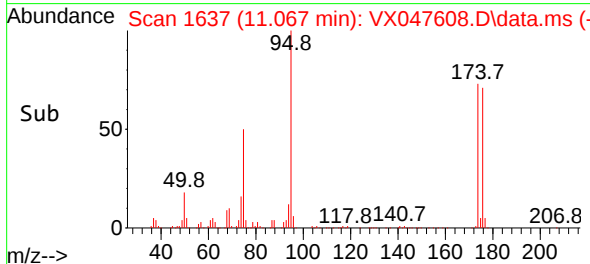
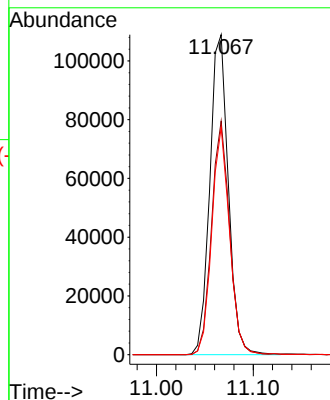
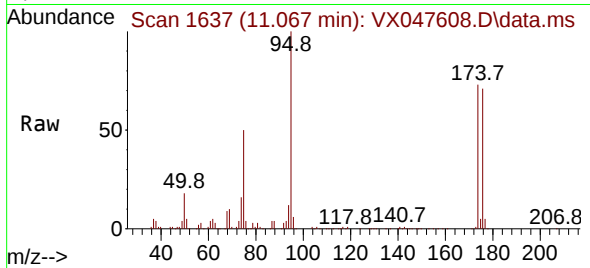




#62
4-Bromofluorobenzene
Concen: 50.682 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

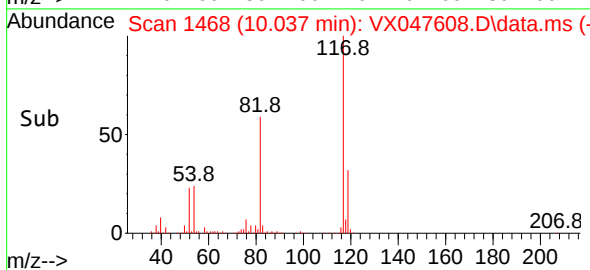
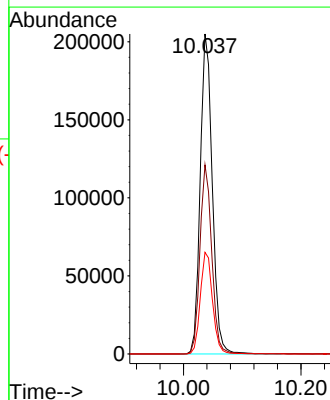
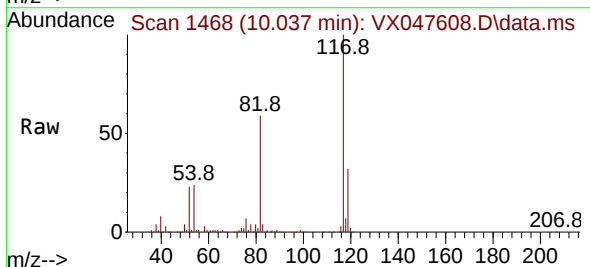
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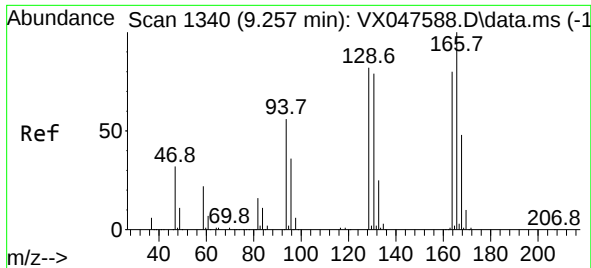
Tgt Ion: 95 Resp: 145076
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.6
176 68.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

Tgt Ion: 117 Resp: 290676
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.6
119 31.7 25.2 37.8

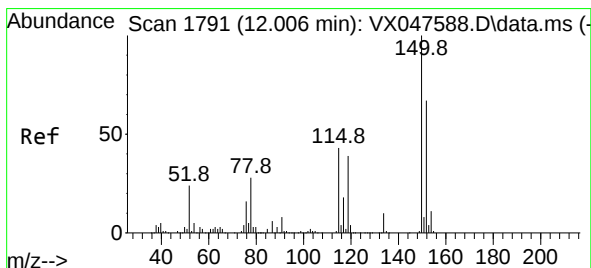
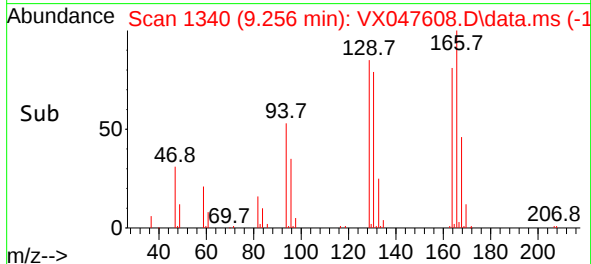
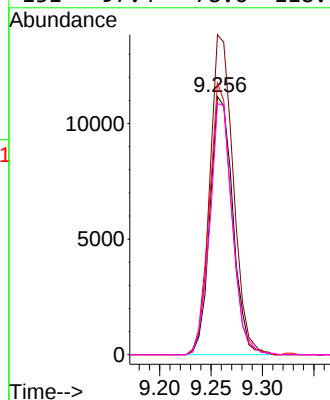
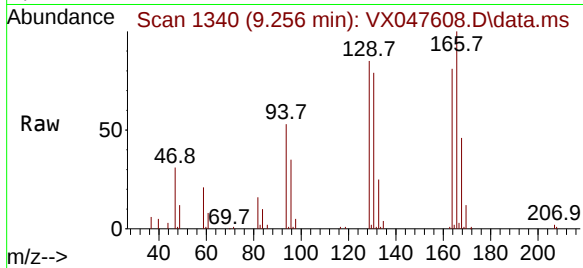




#64
Tetrachloroethene
Concen: 9.085 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047608.D
Acq: 17 Sep 2025 11:39

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 17215
Ion Ratio Lower Upper
164 100
166 124.0 100.2 150.2
129 105.3 81.8 122.6
131 97.4 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: VX047608.D
Acq: 17 Sep 2025 11:39

Tgt Ion:152 Resp: 142056
Ion Ratio Lower Upper
152 100
115 63.7 44.9 134.5
150 157.9 0.0 352.0

