

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047934.D
 Acq On : 01 Oct 2025 13:04
 Operator : JC/MD
 Sample : Q3193-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20250922

Quant Time: Oct 03 01:20:21 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)

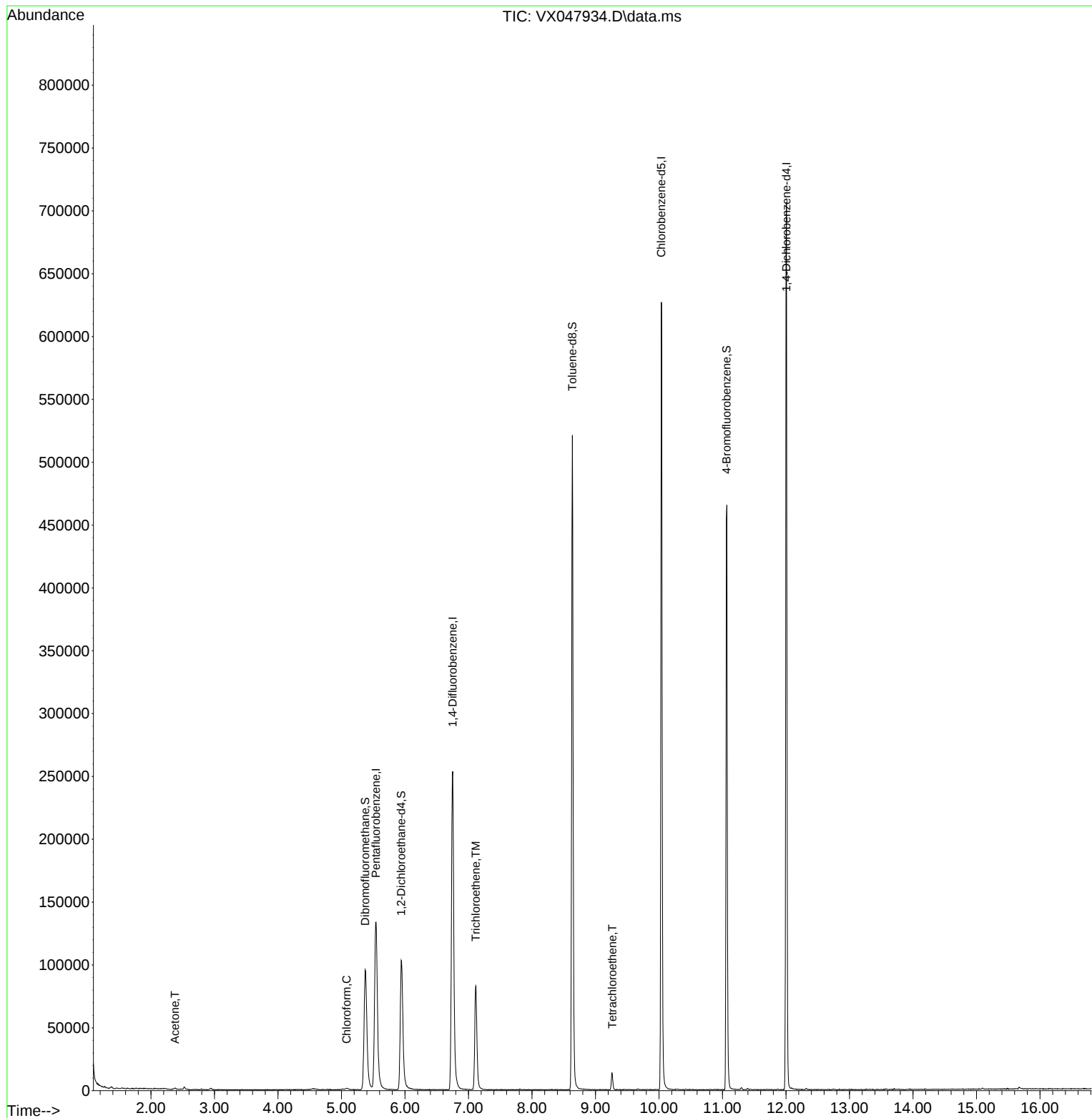
Internal Standards						
1) Pentafluorobenzene	5.544	168	137828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114553	52.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.420%
35) Dibromofluoromethane	5.373	113	93231	49.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	8.635	98	315092	48.604	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.061	95	137437	55.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.720%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	1583	1.659	ug/l	# 89
30) Chloroform	5.080	83	1515	0.431	ug/l	88
44) Trichloroethene	7.117	130	35808	17.812	ug/l	96
64) Tetrachloroethene	9.263	164	2804	1.490	ug/l	88

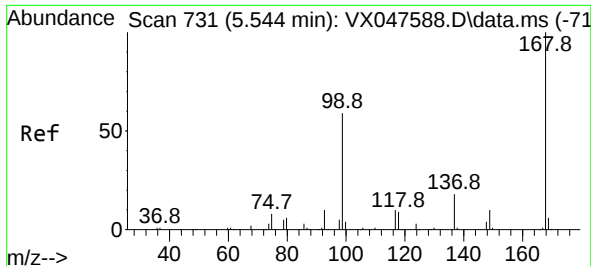
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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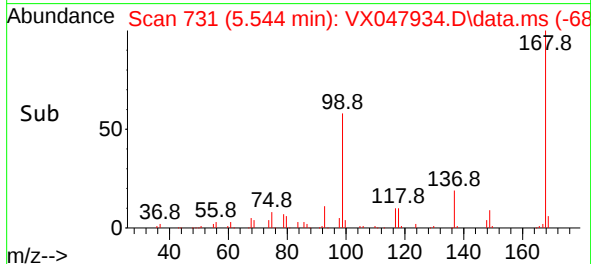
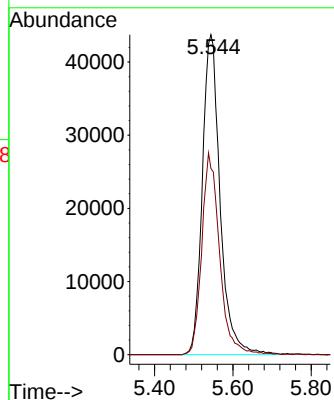
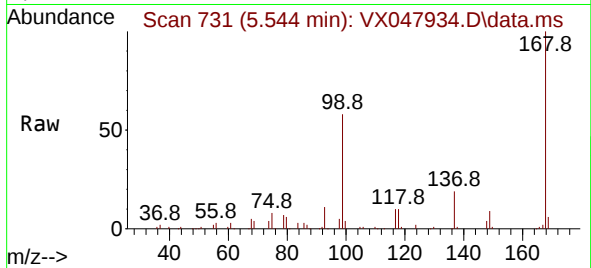




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

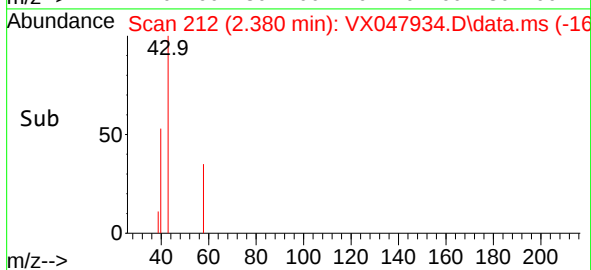
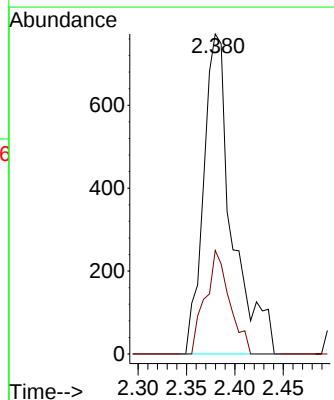
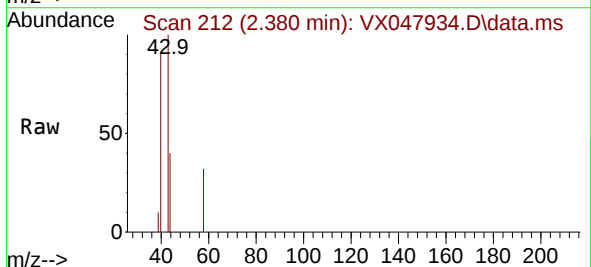
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250922

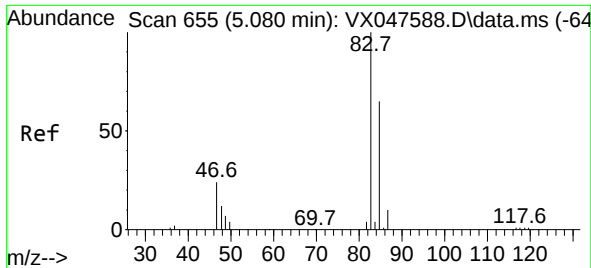
Tgt Ion:168 Resp: 137828
Ion Ratio Lower Upper
168 100
99 58.2 48.8 73.2



#16
Acetone
Concen: 1.659 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 23.1 23.4 35.0#

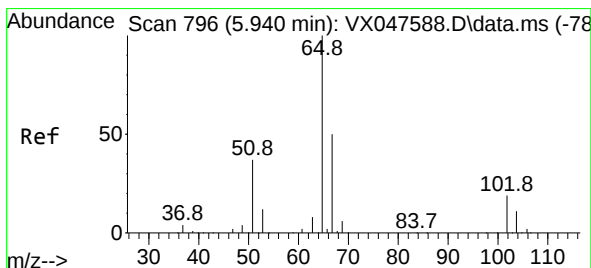
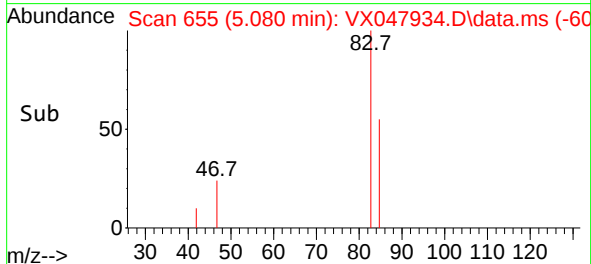
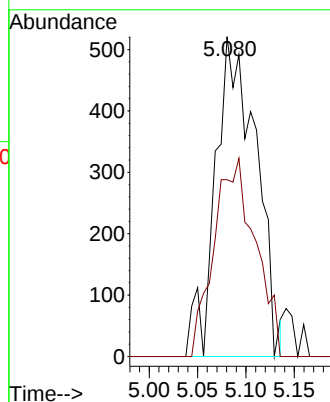
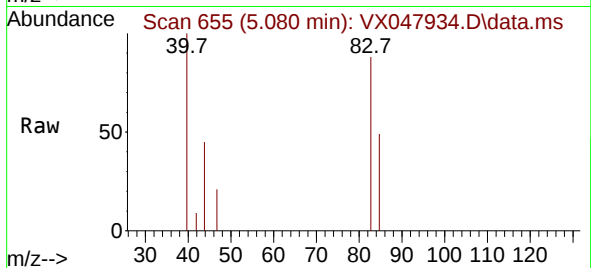




#30
Chloroform
Concen: 0.431 ug/l
RT: 5.080 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

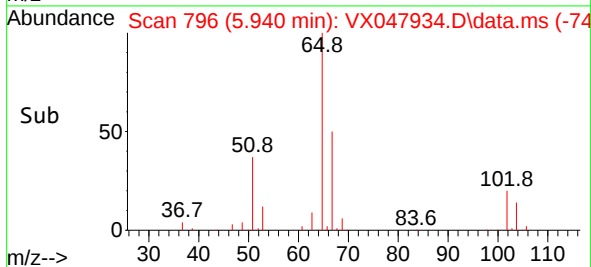
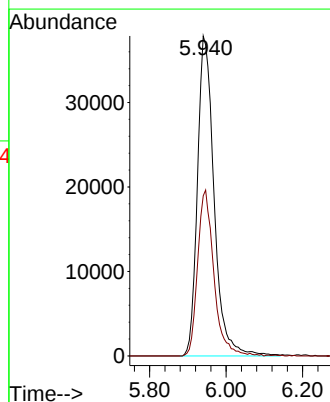
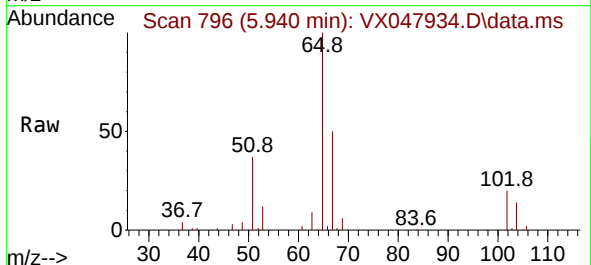
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250922

Tgt Ion: 83 Resp: 1515
Ion Ratio Lower Upper
83 100
85 55.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 52.215 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

Tgt Ion: 65 Resp: 114553
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

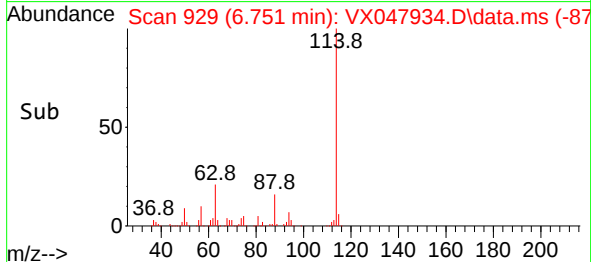
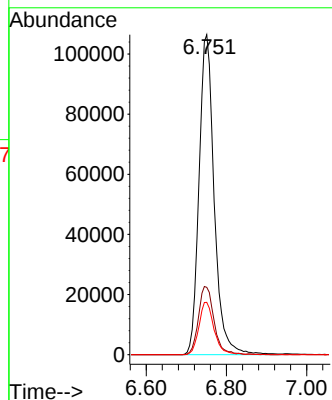
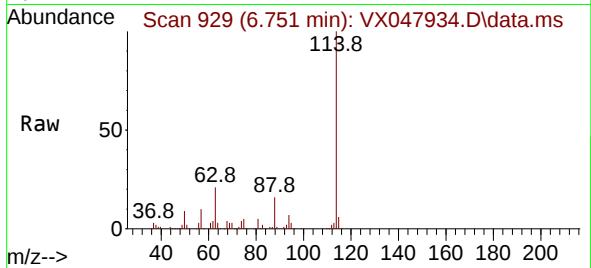




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

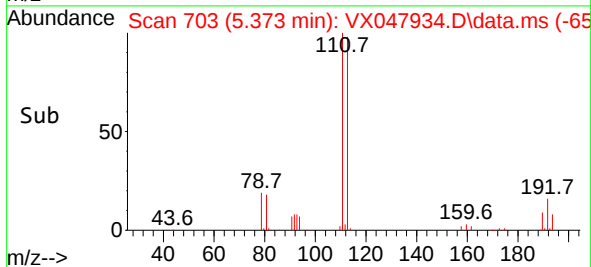
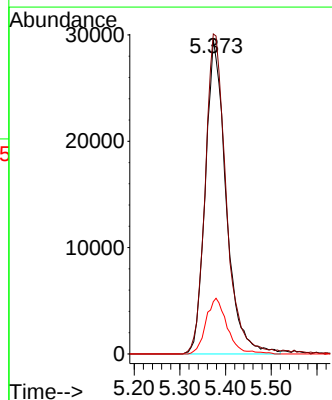
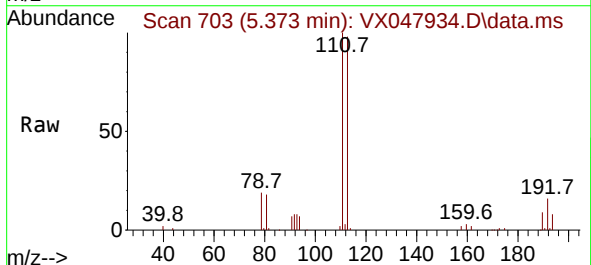
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250922

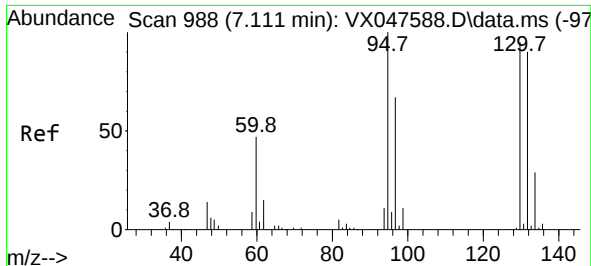
Tgt Ion:114 Resp: 279360
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.762 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

Tgt Ion:113 Resp: 93231
Ion Ratio Lower Upper
113 100
111 103.2 80.9 121.3
192 18.2 14.2 21.4

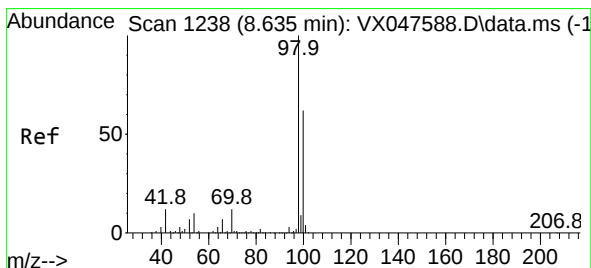
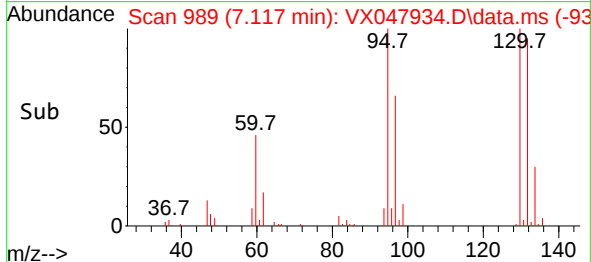
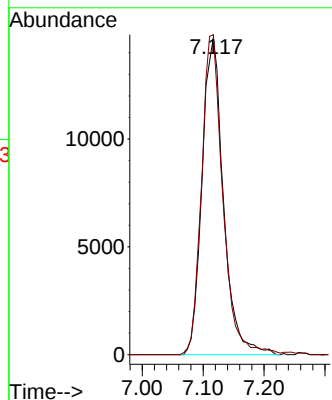
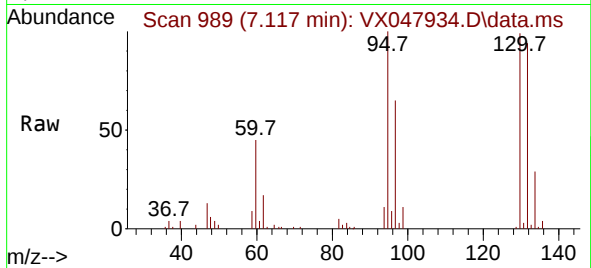




#44
Trichloroethene
Concen: 17.812 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

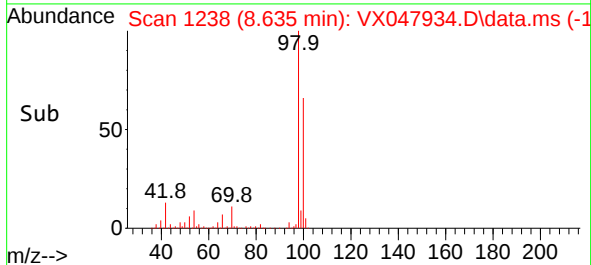
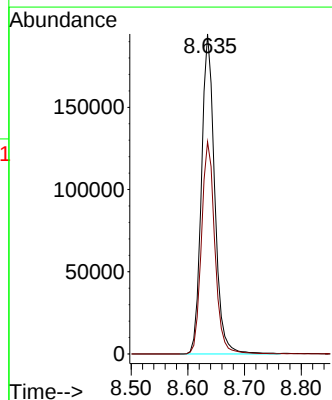
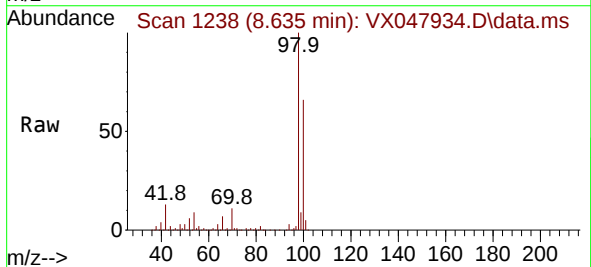
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250922

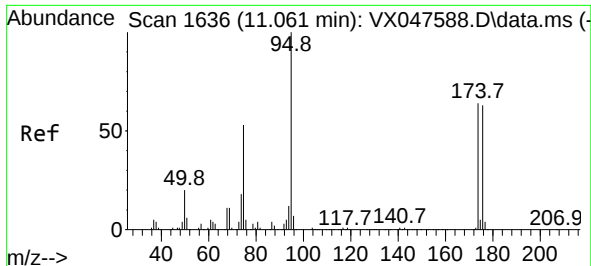
Tgt Ion:130 Resp: 35808
Ion Ratio Lower Upper
130 100
95 101.0 0.0 210.8



#50
Toluene-d8
Concen: 48.604 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

Tgt Ion: 98 Resp: 315092
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4

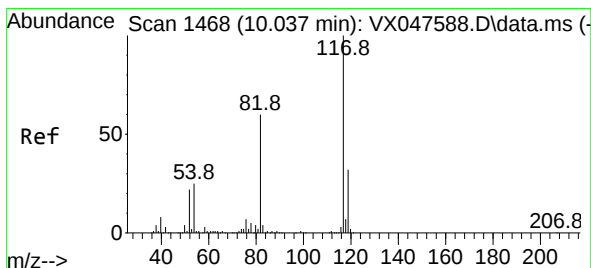
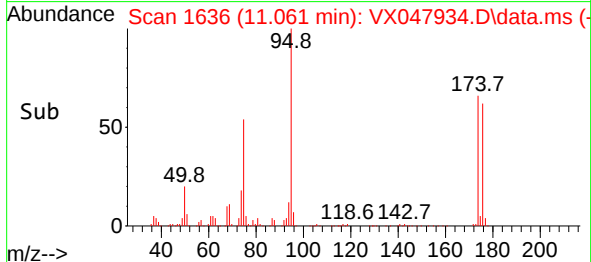
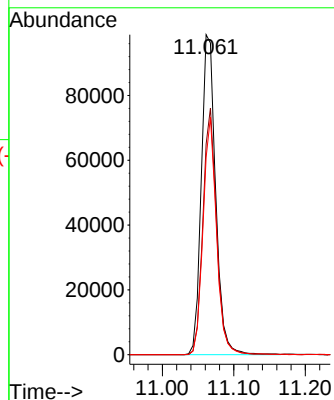
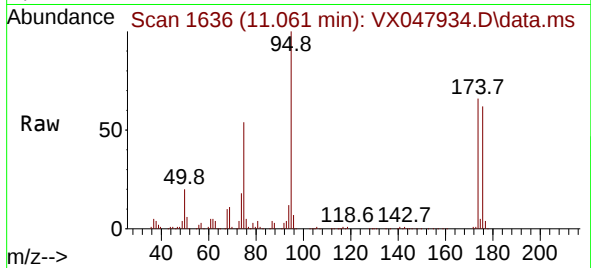




#62
4-Bromofluorobenzene
Concen: 55.861 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

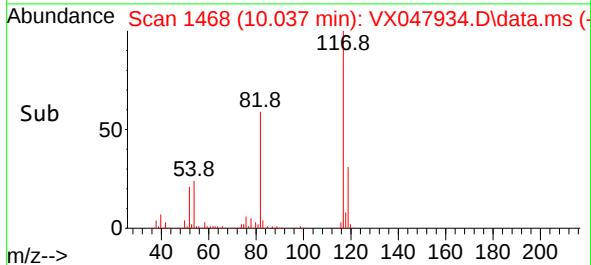
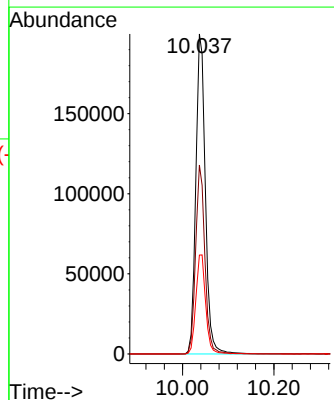
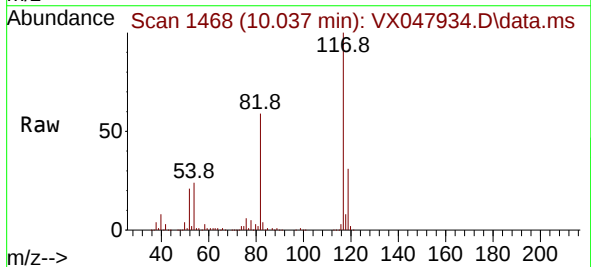
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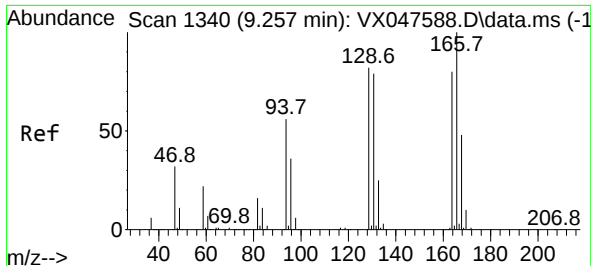
Tgt Ion: 95 Resp: 137437
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 70.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

Tgt Ion: 117 Resp: 288741
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.6
119 30.9 25.2 37.8

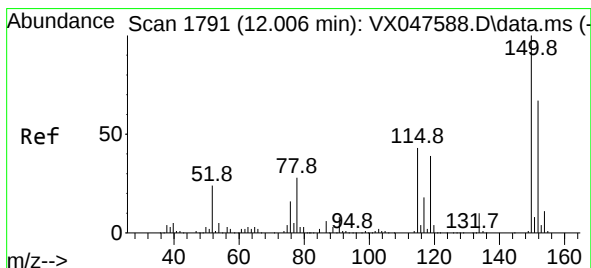
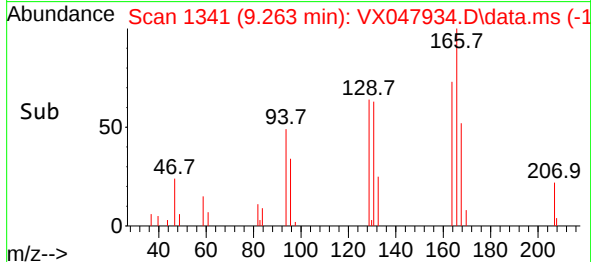
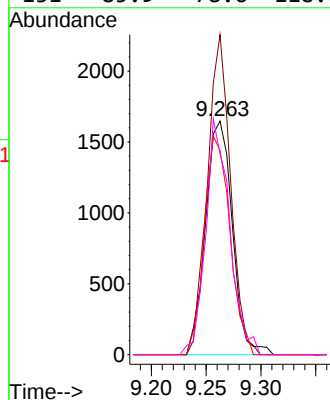
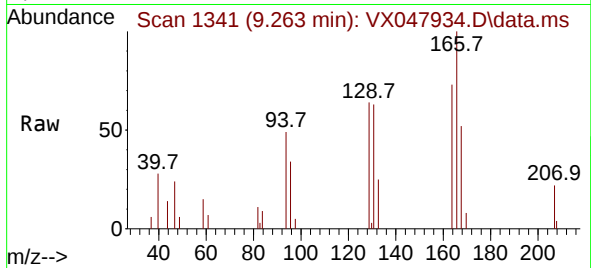




#64
Tetrachloroethene
Concen: 1.490 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047934.D
Acq: 01 Oct 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250922

Tgt Ion:164	Resp:	2804
Ion	Ratio	Lower Upper
164	100	
166	137.0	100.2 150.2
129	87.4	81.8 122.6
131	85.9	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: VX047934.D
Acq: 01 Oct 2025 13:04

Tgt Ion:152	Resp:	149951
Ion	Ratio	Lower Upper
152	100	
115	61.7	44.9 134.5
150	155.9	0.0 352.0

