

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047809.D
 Acq On : 25 Sep 2025 14:14
 Operator : JC/MD
 Sample : Q3127-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250916

Quant Time: Sep 26 01:28:16 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)

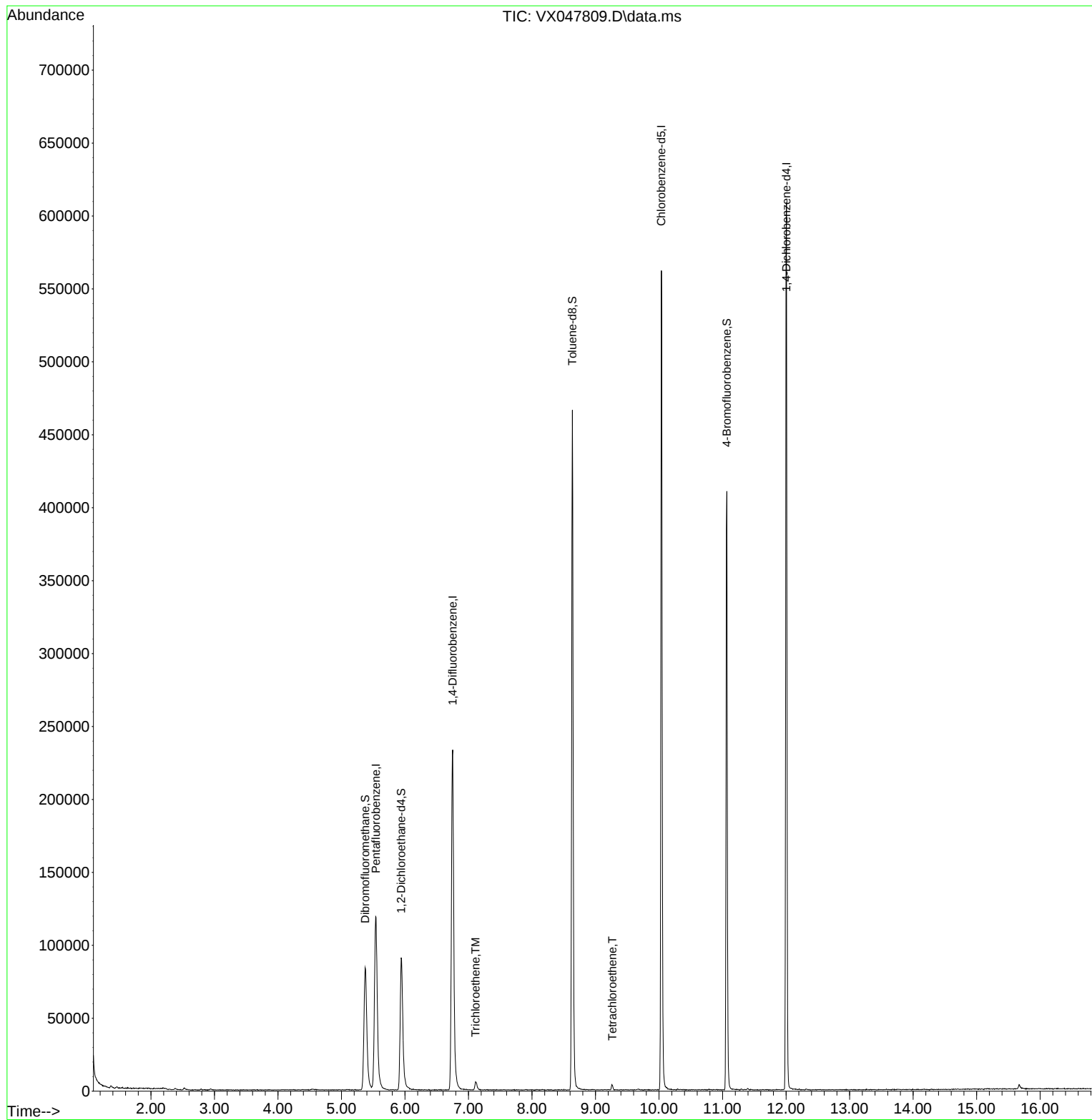
Internal Standards						
1) Pentafluorobenzene	5.543	168	122798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98318	50.300	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.600%
35) Dibromofluoromethane	5.373	113	83213	48.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	8.634	98	287424	48.442	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.880%
62) 4-Bromofluorobenzene	11.067	95	119966	53.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.540%
Target Compounds						
						Qvalue
44) Trichloroethene	7.110	130	2651	1.441	ug/l	77
64) Tetrachloroethene	9.262	164	658	0.388	ug/l	86

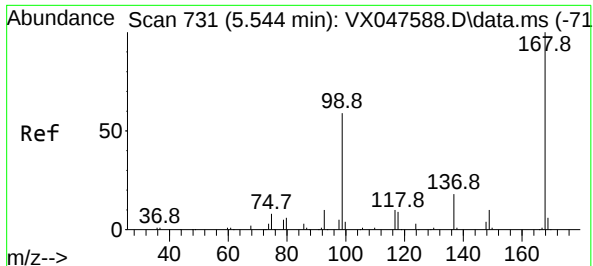
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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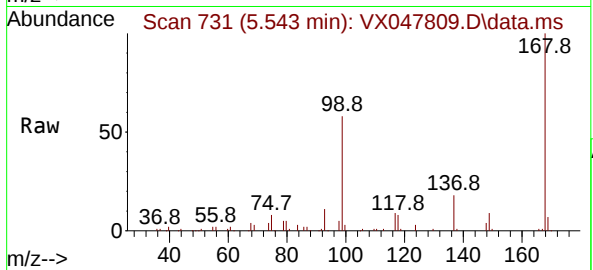
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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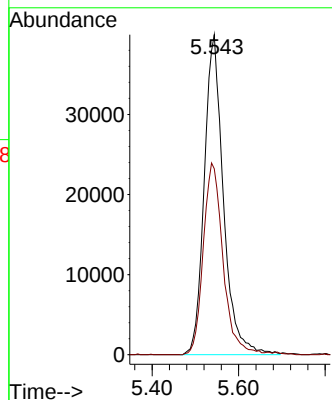
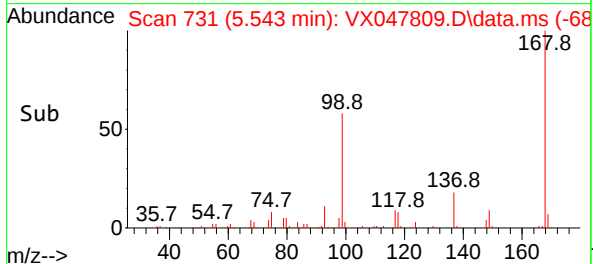


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

Instrument :
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TT119S1-20250916

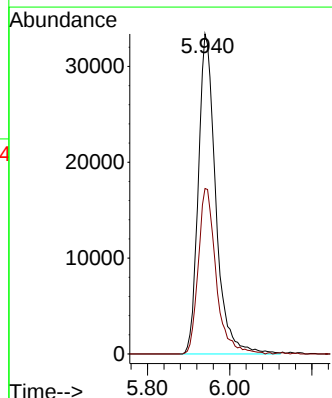
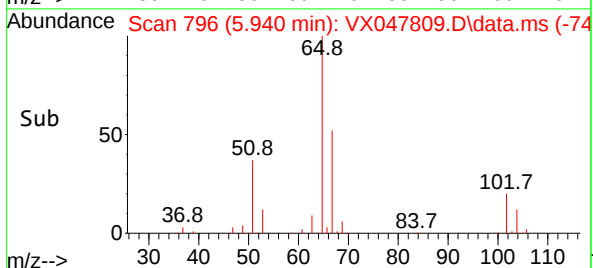
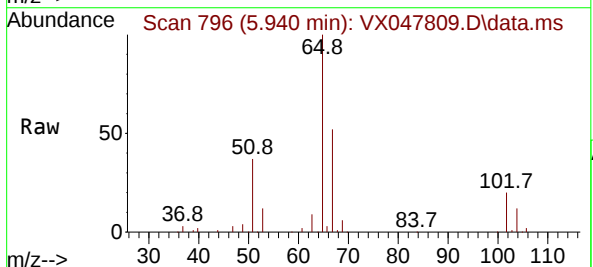


Tgt Ion:168 Resp: 122798
Ion Ratio Lower Upper
168 100
99 58.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.300 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

Tgt Ion: 65 Resp: 98318
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

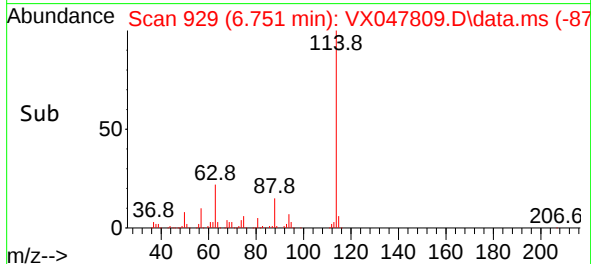
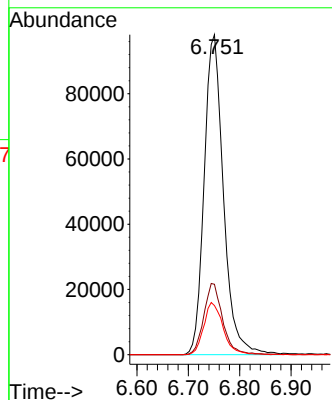
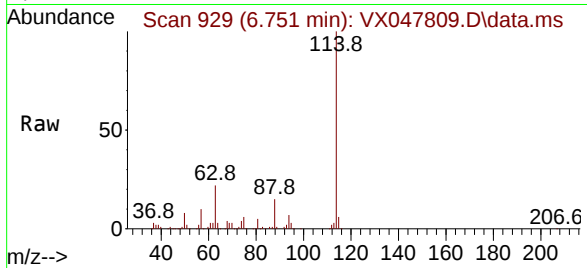




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

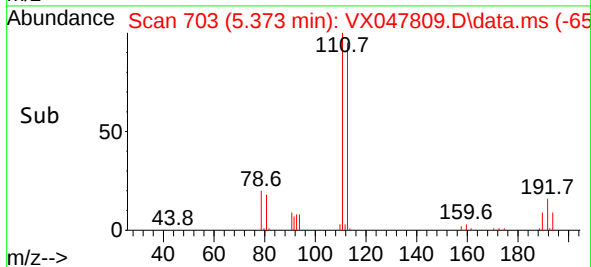
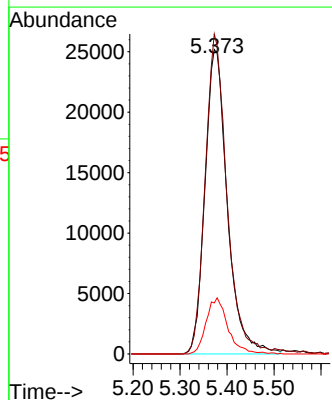
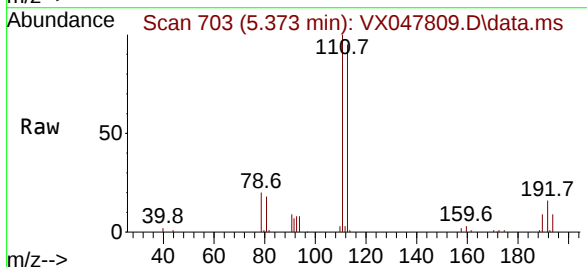
Instrument :
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ClientSampleId :
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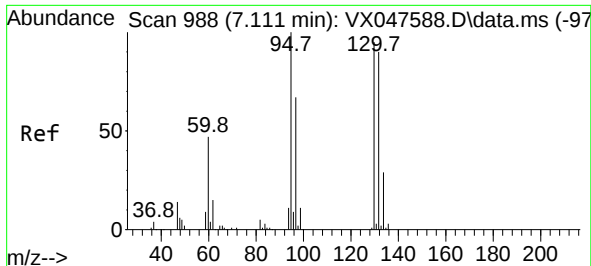
Tgt Ion:114 Resp: 255684
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 15.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.528 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

Tgt Ion:113 Resp: 83213
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.9 14.2 21.4

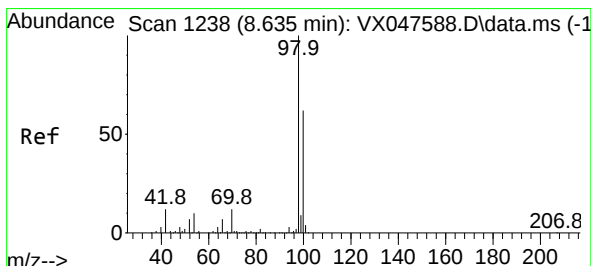
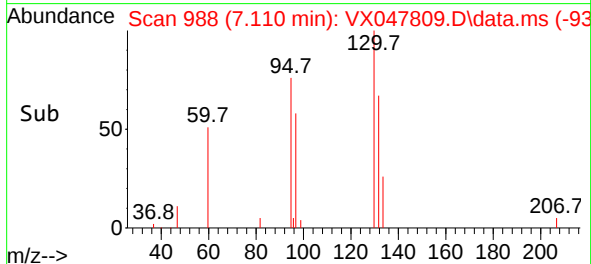
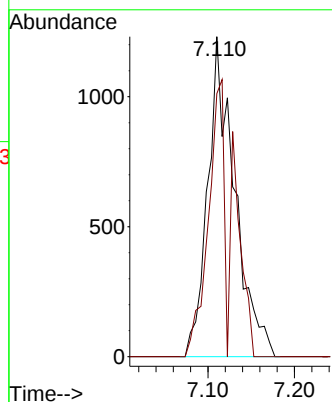
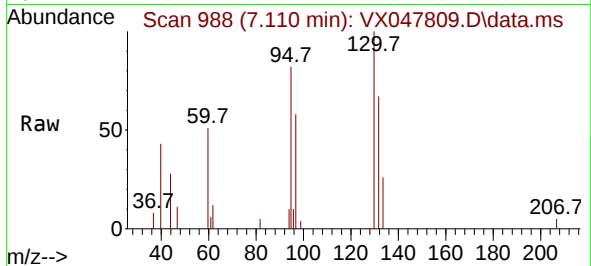




#44
Trichloroethene
Concen: 1.441 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

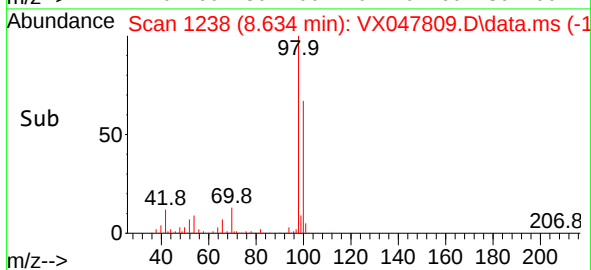
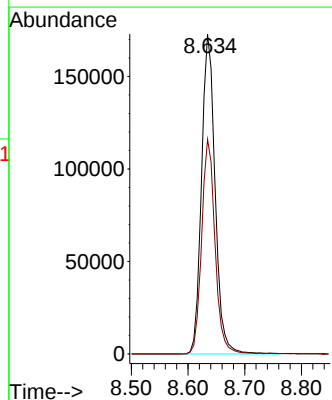
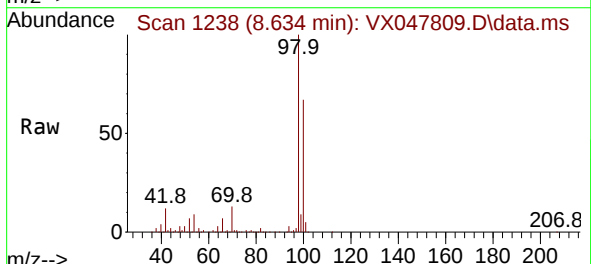
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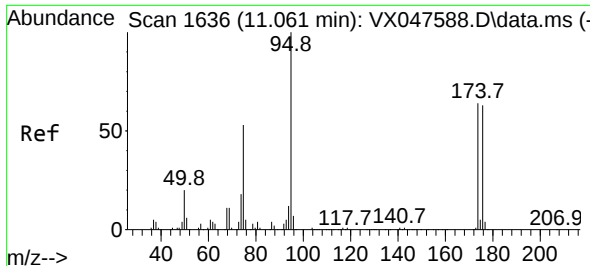
Tgt Ion:130 Resp: 2651
Ion Ratio Lower Upper
130 100
95 82.2 0.0 210.8



#50
Toluene-d8
Concen: 48.442 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

Tgt Ion: 98 Resp: 287424
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

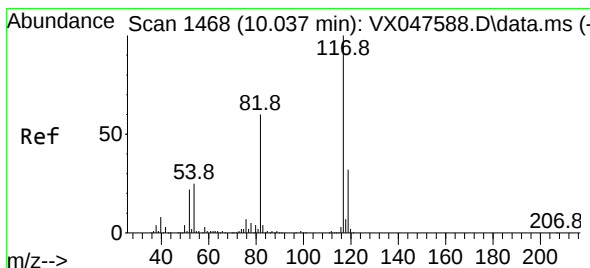
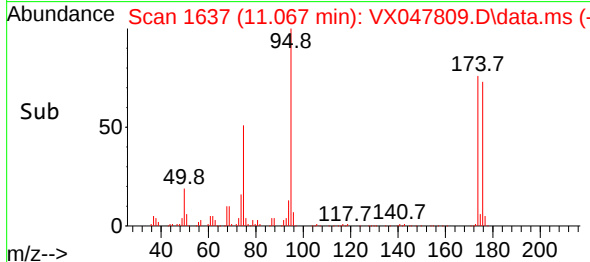
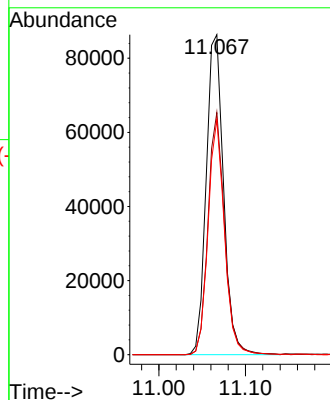
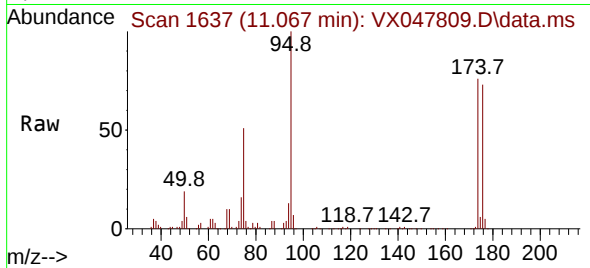




#62
4-Bromofluorobenzene
Concen: 53.275 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

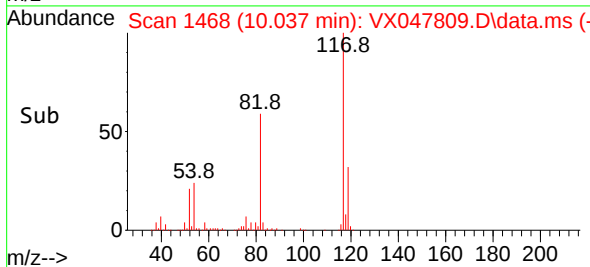
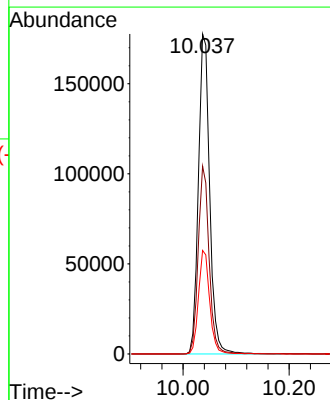
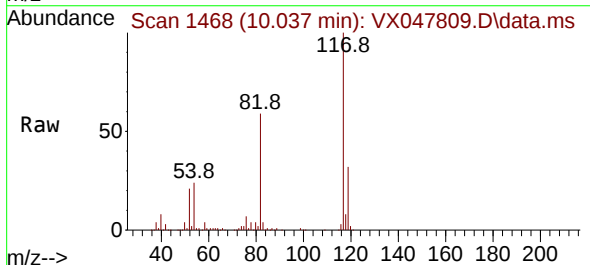
Instrument :
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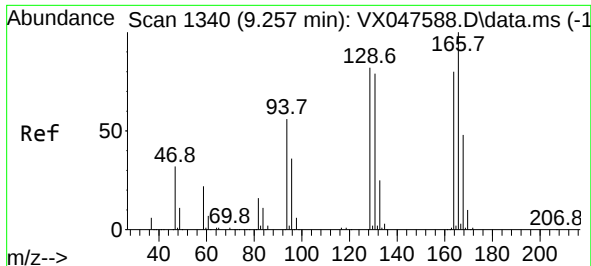
Tgt Ion: 95 Resp: 119966
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.5 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

Tgt Ion: 117 Resp: 260354
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 32.4 25.2 37.8

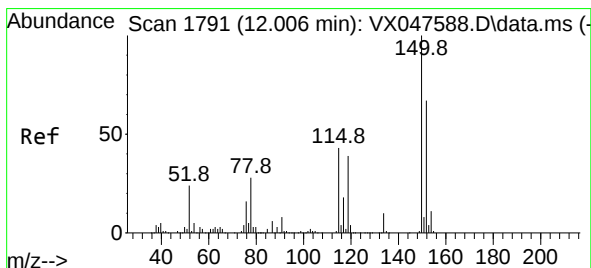
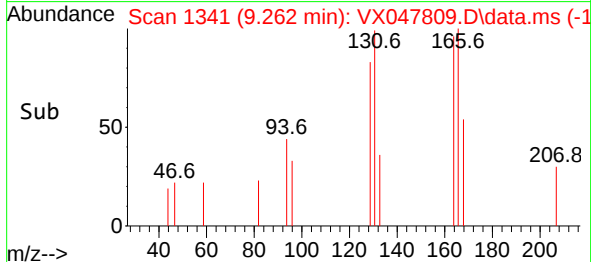
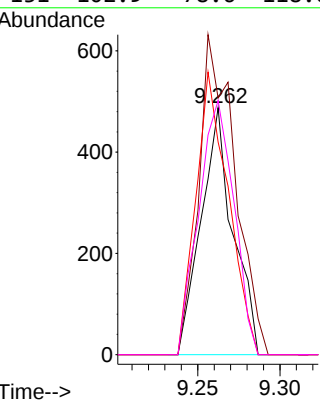
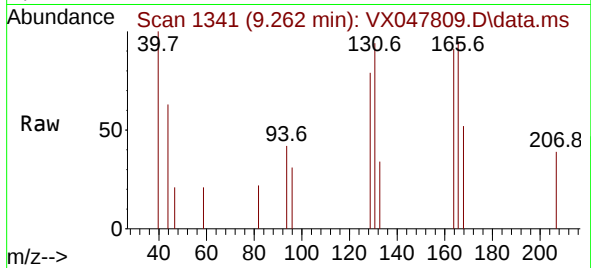




#64
Tetrachloroethene
Concen: 0.388 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047809.D
Acq: 25 Sep 2025 14:14

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 658
Ion Ratio Lower Upper
164 100
166 103.9 100.2 150.2
129 86.1 81.8 122.6
131 102.9 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: VX047809.D
Acq: 25 Sep 2025 14:14

Tgt Ion:152 Resp: 131454
Ion Ratio Lower Upper
152 100
115 61.4 44.9 134.5
150 157.0 0.0 352.0

