

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047644.D
 Acq On : 18 Sep 2025 16:24
 Operator : JC/MD
 Sample : Q3095-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20250909

Quant Time: Sep 19 01:33:28 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)

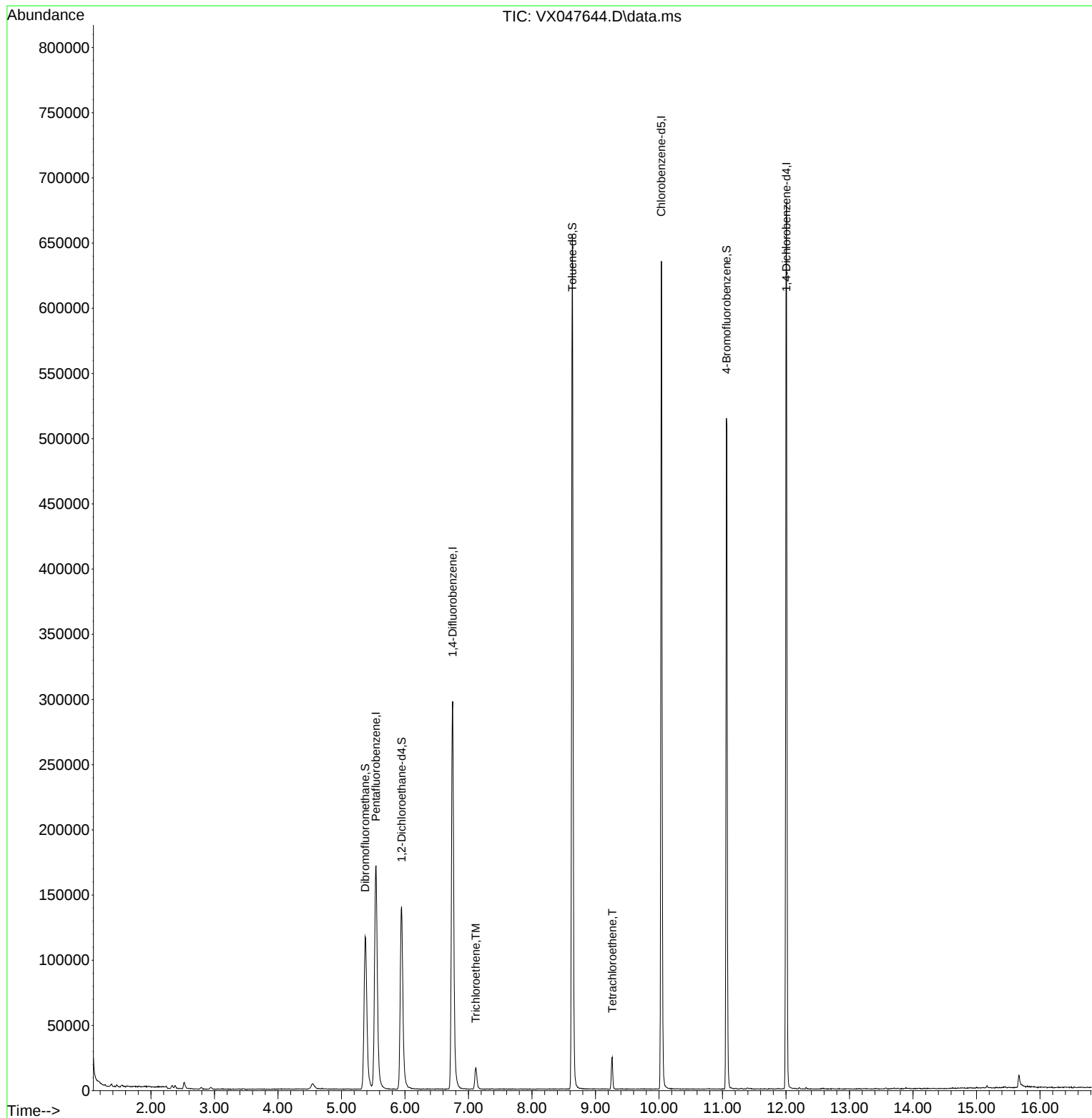
Internal Standards						
1) Pentafluorobenzene	5.544	168	172316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	319145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	152601	55.636	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.280%	
35) Dibromofluoromethane	5.373	113	112492	52.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.120%	
50) Toluene-d8	8.635	98	396517	53.539	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	11.061	95	152295	54.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.360%	
Target Compounds						Qvalue
44) Trichloroethene	7.117	130	7208	3.139	ug/l	99
64) Tetrachloroethene	9.263	164	4759	2.479	ug/l	90

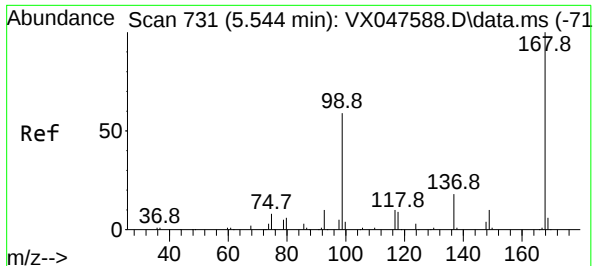
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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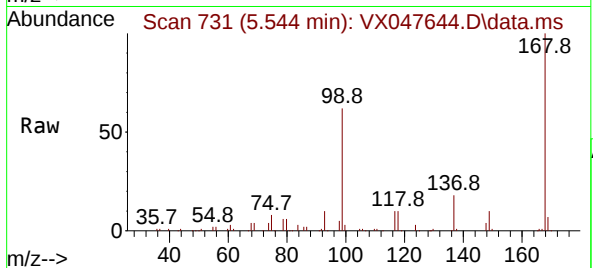
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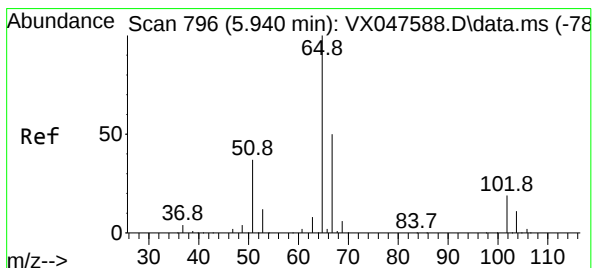
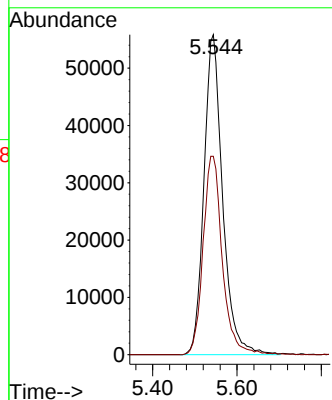
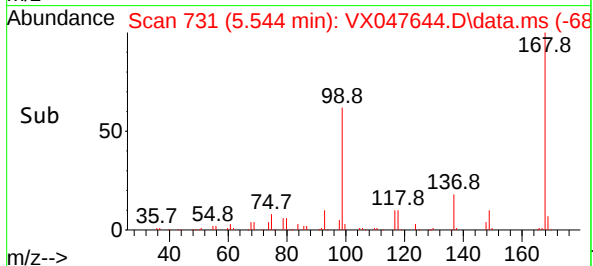


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

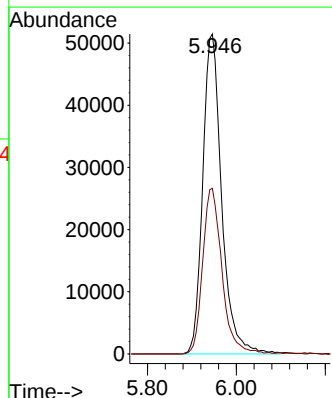
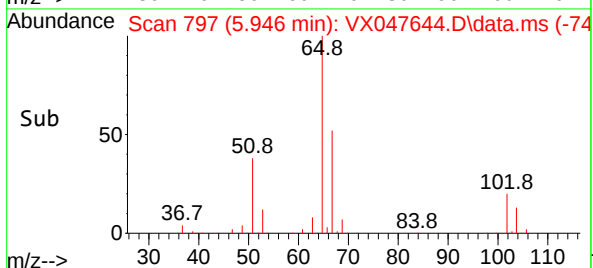
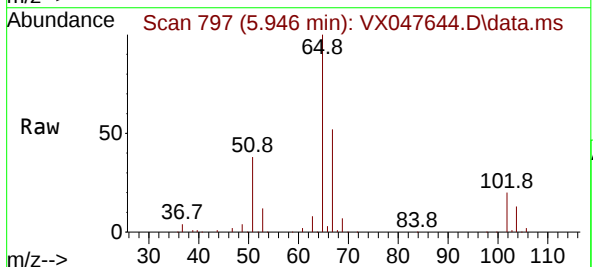


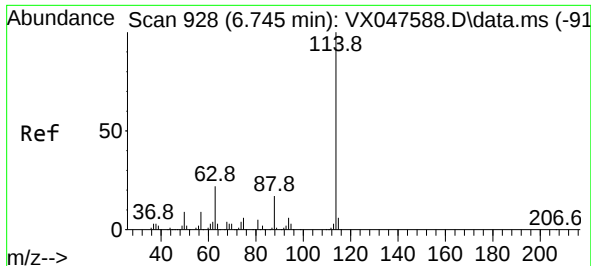
Tgt Ion:168 Resp: 172316
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.636 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion: 65 Resp: 152601
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

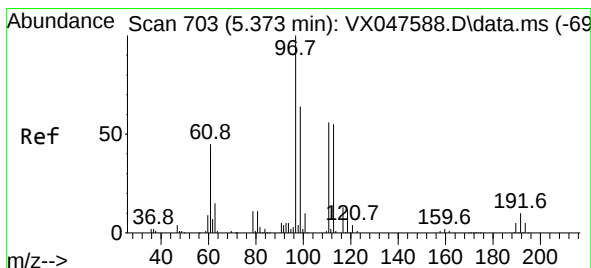
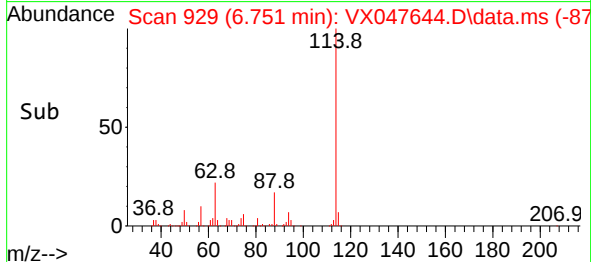
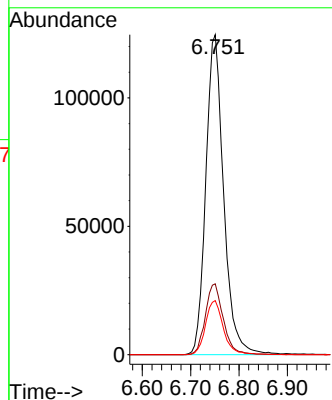
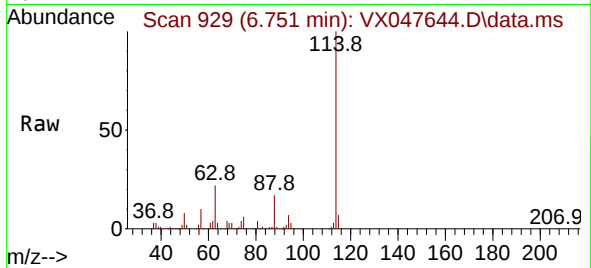




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

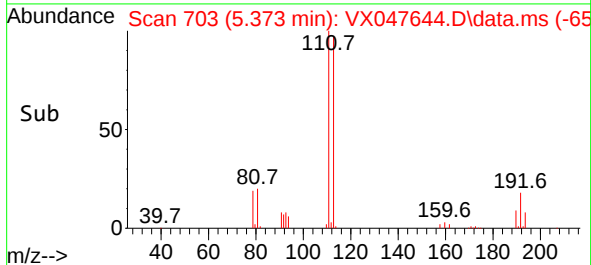
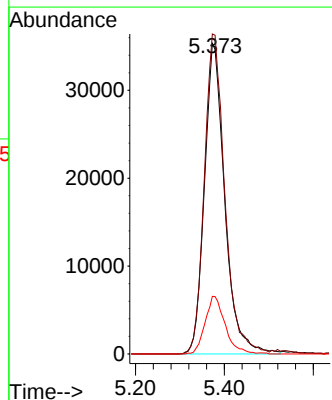
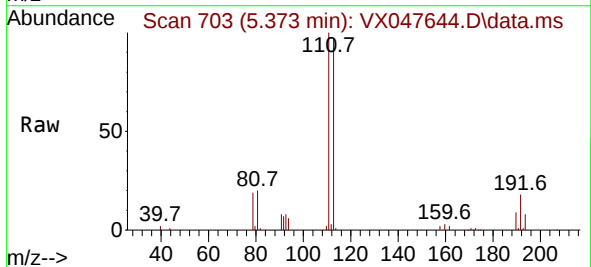
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

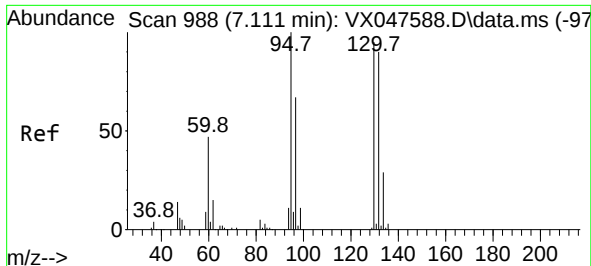
Tgt Ion:114 Resp: 319145
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.557 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion:113 Resp: 112492
Ion Ratio Lower Upper
113 100
111 103.9 80.9 121.3
192 18.3 14.2 21.4

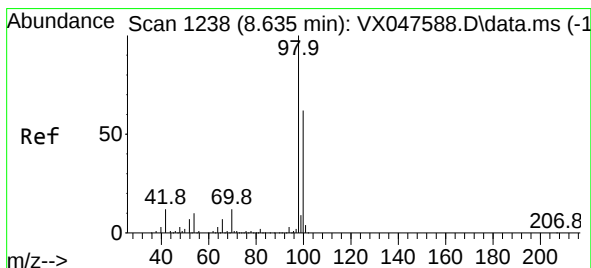
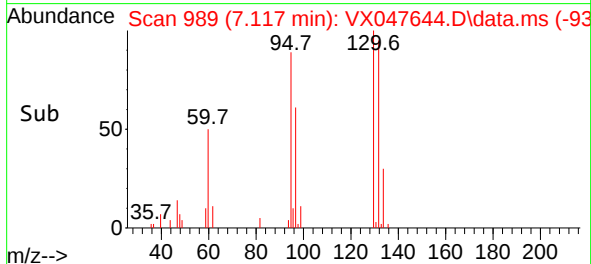
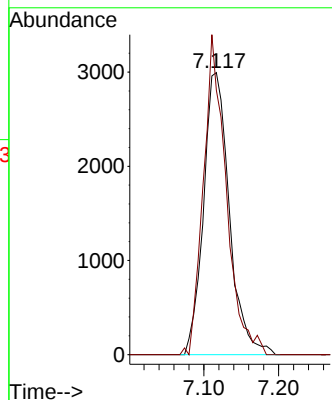
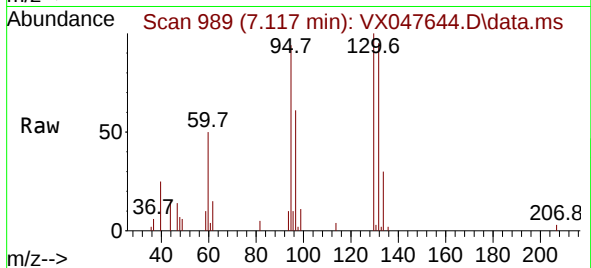




#44
Trichloroethene
Concen: 3.139 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

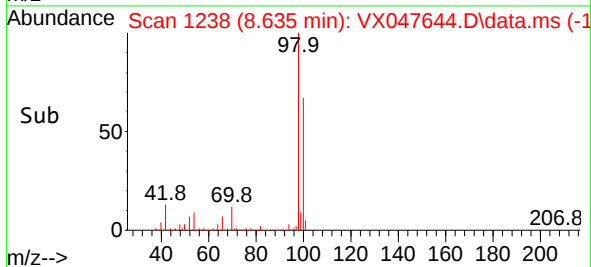
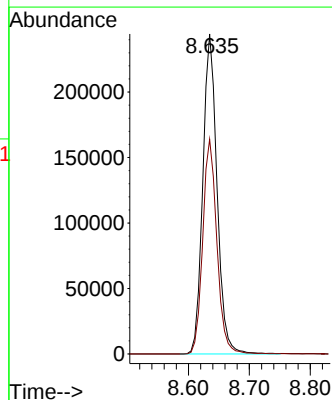
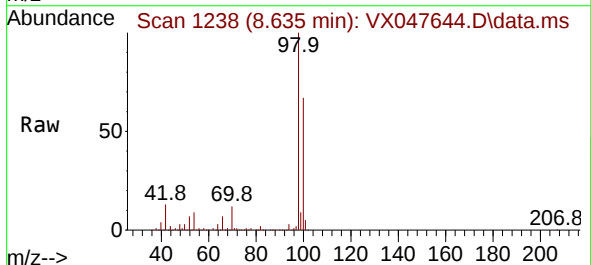
Instrument :
MSVOA_X
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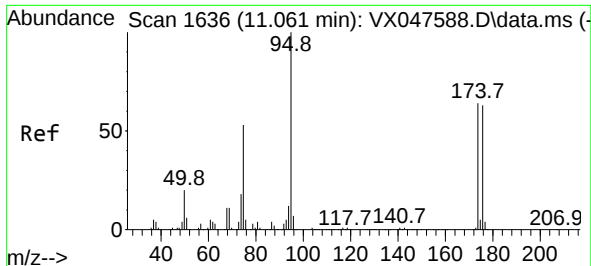
Tgt Ion:130 Resp: 7208
Ion Ratio Lower Upper
130 100
95 104.1 0.0 210.8



#50
Toluene-d8
Concen: 53.539 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion: 98 Resp: 396517
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

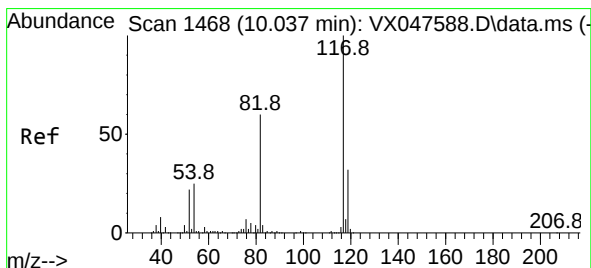
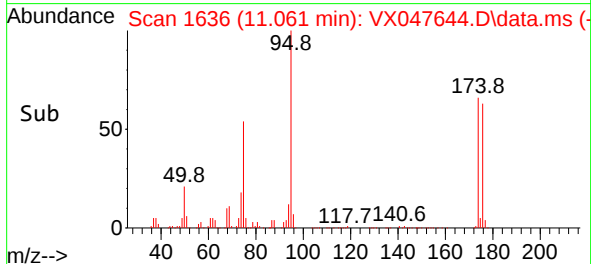
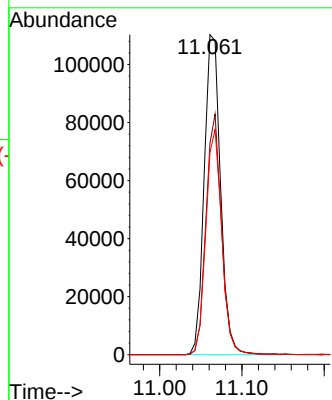
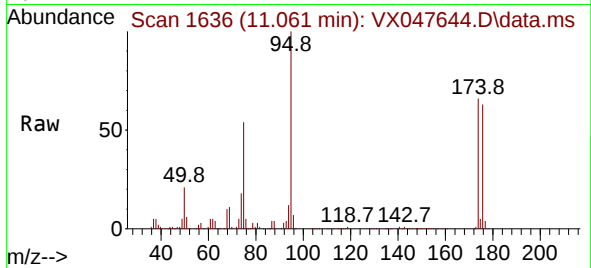




#62
4-Bromofluorobenzene
Concen: 54.183 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

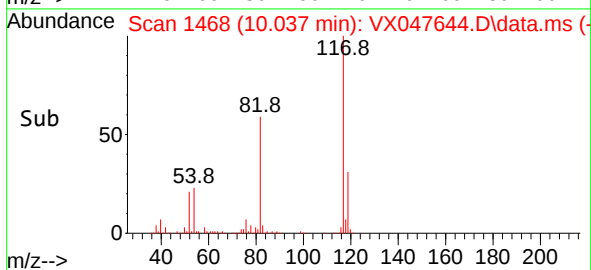
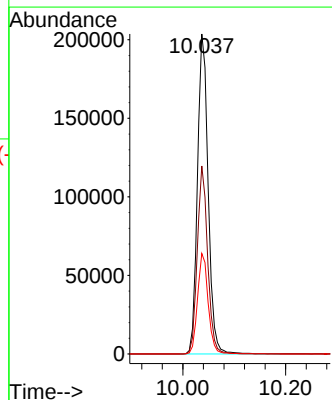
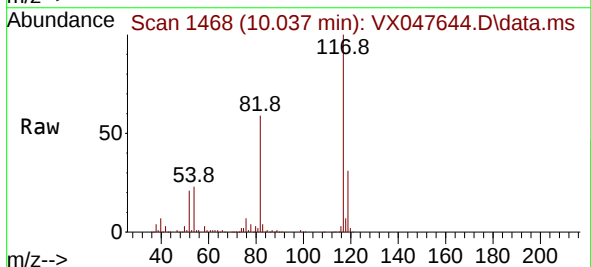
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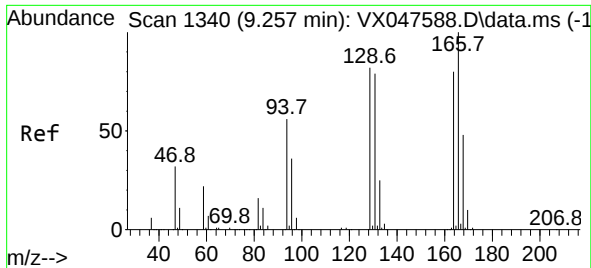
Tgt Ion: 95 Resp: 152295
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 68.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion: 117 Resp: 294532
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 31.4 25.2 37.8

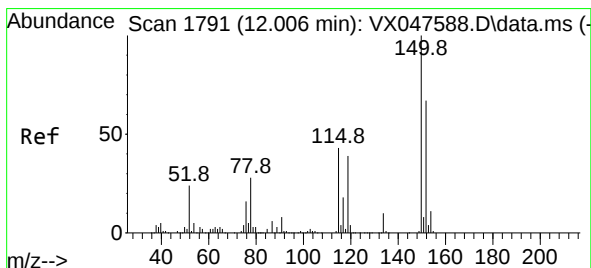
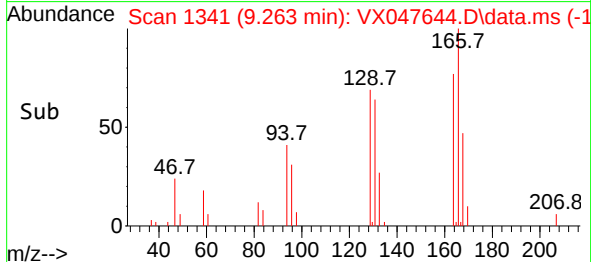
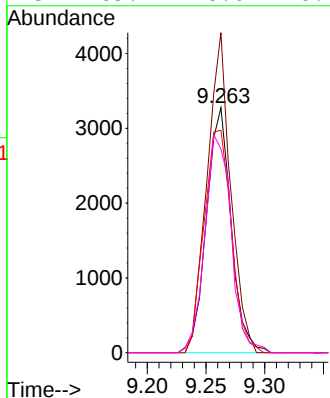
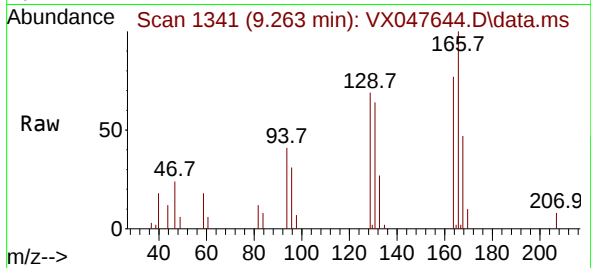




#64
Tetrachloroethene
Concen: 2.479 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047644.D
Acq: 18 Sep 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

Tgt Ion:164	Resp:	4759
Ion	Ratio	Lower Upper
164	100	
166	130.7	100.2 150.2
129	90.8	81.8 122.6
131	83.2	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: VX047644.D
Acq: 18 Sep 2025 16:24

Tgt Ion:152	Resp:	143114
Ion	Ratio	Lower Upper
152	100	
115	62.0	44.9 134.5
150	153.7	0.0 352.0

