

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047778.D
 Acq On : 24 Sep 2025 16:05
 Operator : JC/MD
 Sample : Q3097-25DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20250912DL

Quant Time: Sep 25 01:17:32 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)

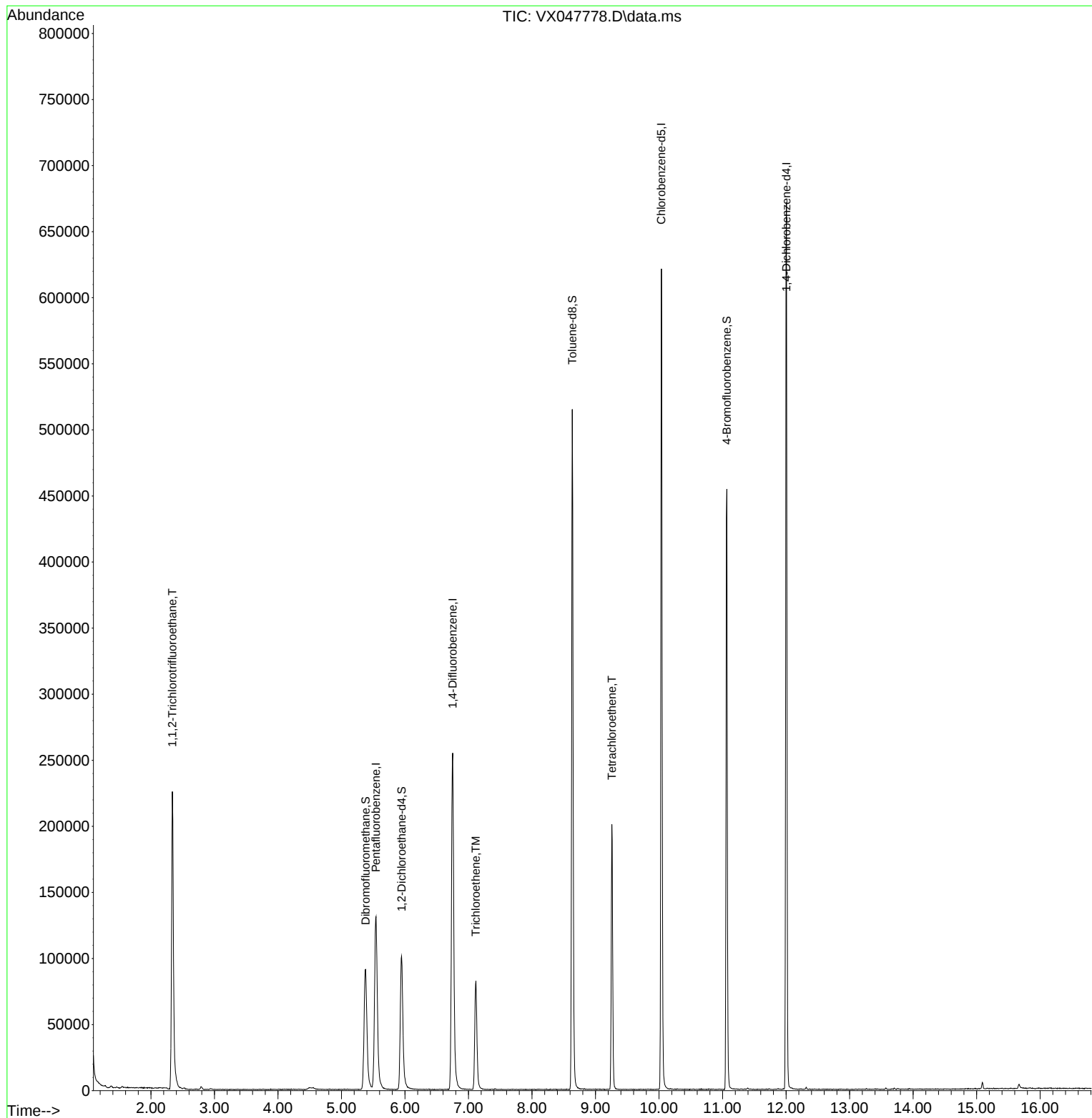
Internal Standards						
1) Pentafluorobenzene	5.544	168	133917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	281574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109542	51.389	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.780%	
35) Dibromofluoromethane	5.379	113	90543	47.947	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.900%	
50) Toluene-d8	8.635	98	313894	48.039	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.080%	
62) 4-Bromofluorobenzene	11.067	95	133656	53.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.800%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	104227	67.289	ug/l	99
44) Trichloroethene	7.117	130	35328	17.436	ug/l	90
64) Tetrachloroethene	9.256	164	39207	21.211	ug/l	95

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

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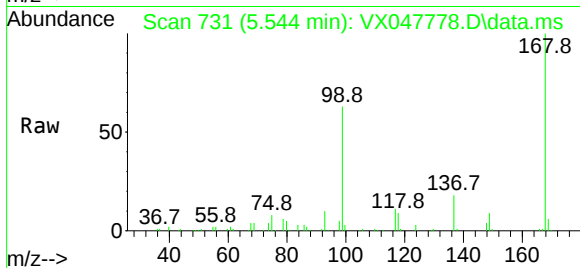
Quant Time: Sep 25 01:17:32 2025
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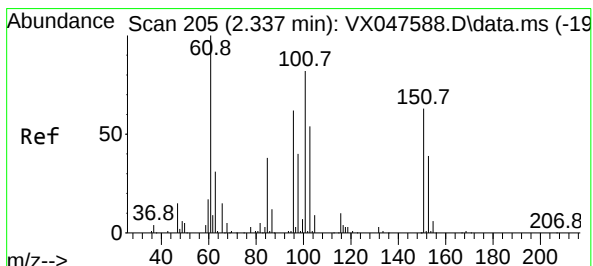
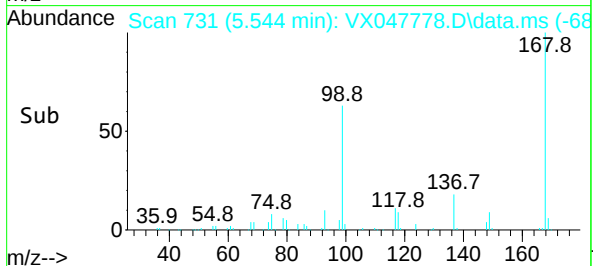
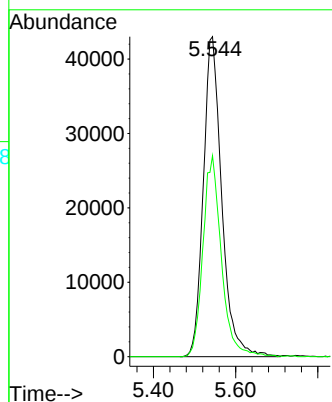


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047778.D
Acq: 24 Sep 2025 16:05

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250912DL

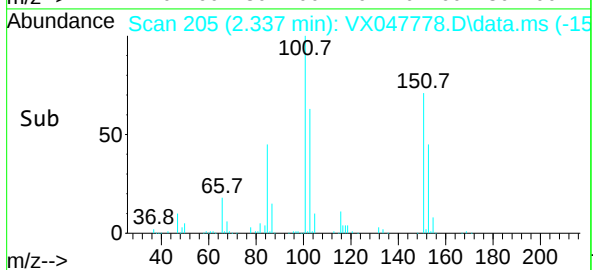
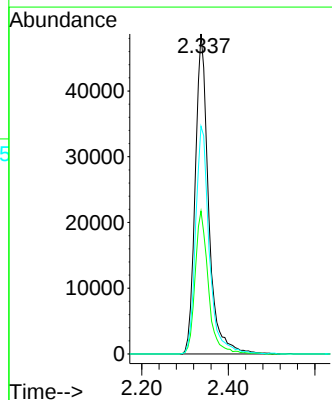
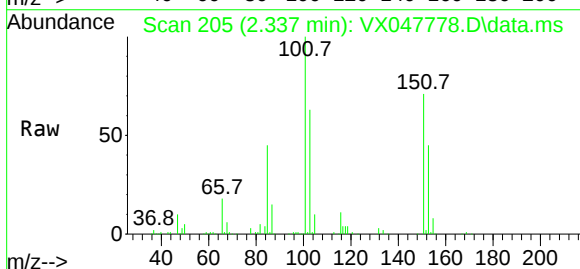


Tgt Ion:168 Resp: 133917
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 67.289 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047778.D
Acq: 24 Sep 2025 16:05

Tgt Ion:101 Resp: 104227
Ion Ratio Lower Upper
101 100
85 44.2 35.5 53.3
151 72.8 59.4 89.0

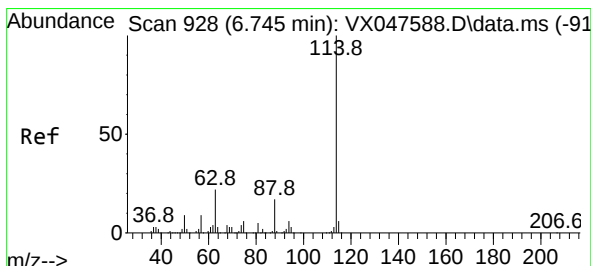
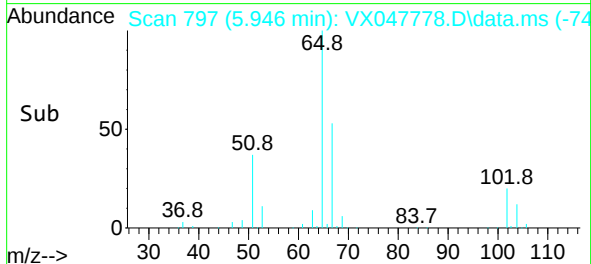
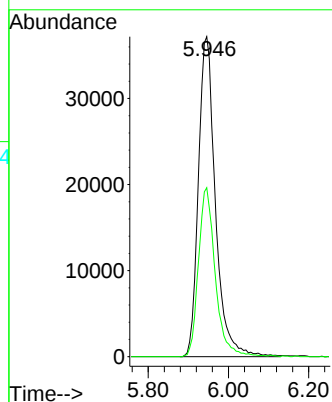
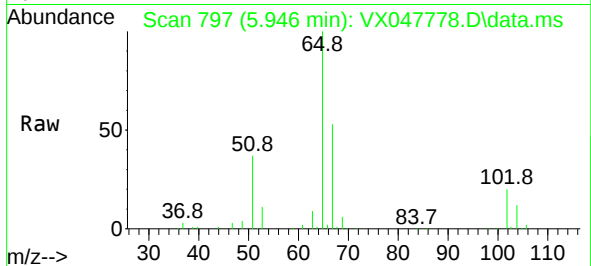




#33
1,2-Dichloroethane-d4
Concen: 51.389 ug/l
RT: 5.946 min Scan# 796
Delta R.T. 0.006 min
Lab File: VX047778.D
Acq: 24 Sep 2025 16:05

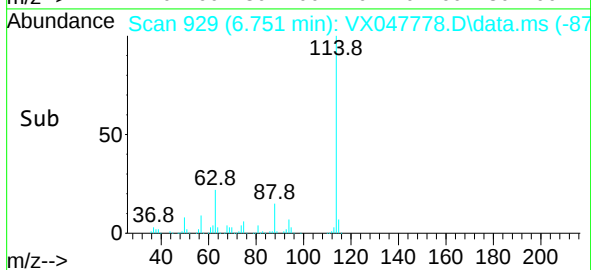
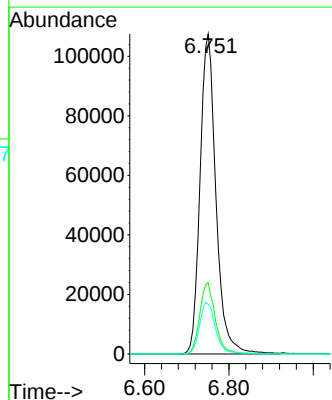
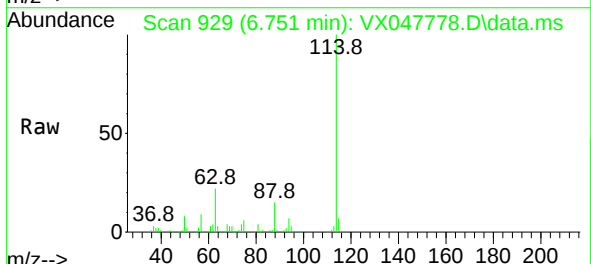
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250912DL

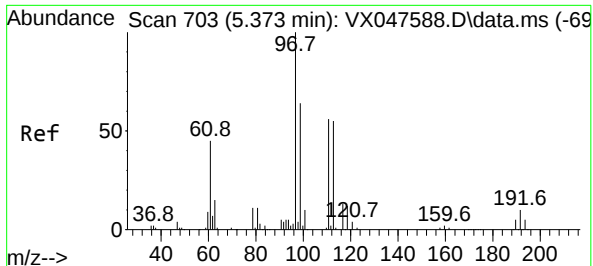
Tgt Ion: 65 Resp: 109542
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047778.D
Acq: 24 Sep 2025 16:05

Tgt Ion: 114 Resp: 281574
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 15.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 47.947 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047778.D

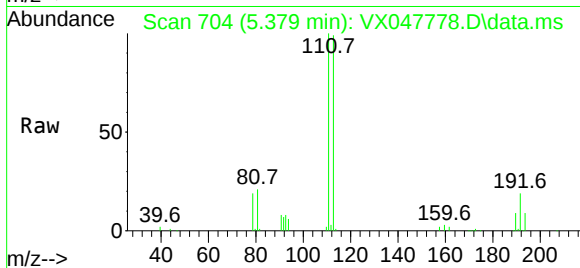
Acq: 24 Sep 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20250912DL



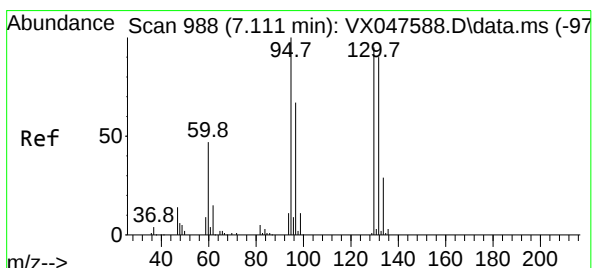
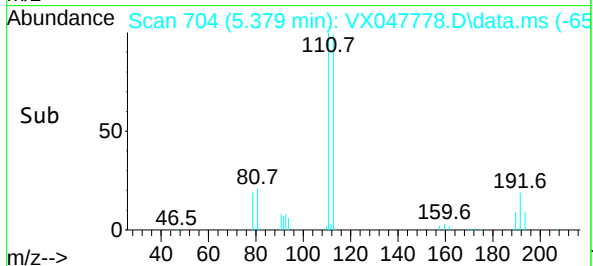
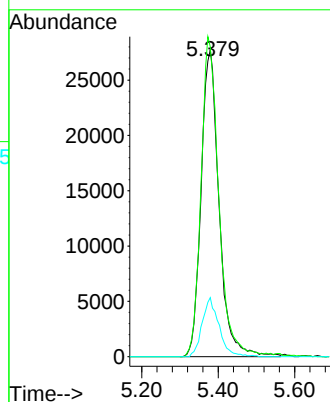
Tgt Ion:113 Resp: 90543

Ion Ratio Lower Upper

113 100

111 102.6 80.9 121.3

192 18.0 14.2 21.4



#44

Trichloroethene

Concen: 17.436 ug/l

RT: 7.117 min Scan# 989

Delta R.T. 0.006 min

Lab File: VX047778.D

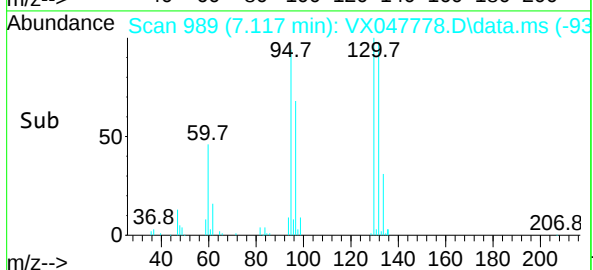
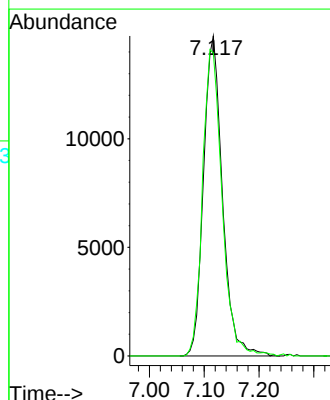
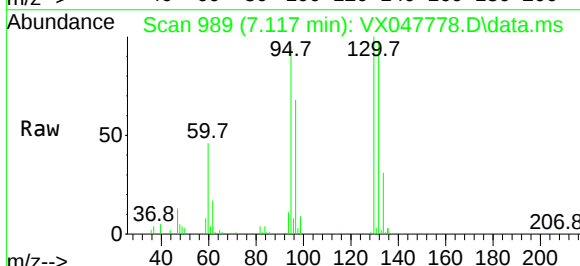
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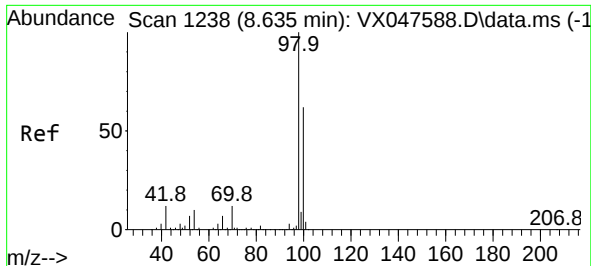
Tgt Ion:130 Resp: 35328

Ion Ratio Lower Upper

130 100

95 94.7 0.0 210.8

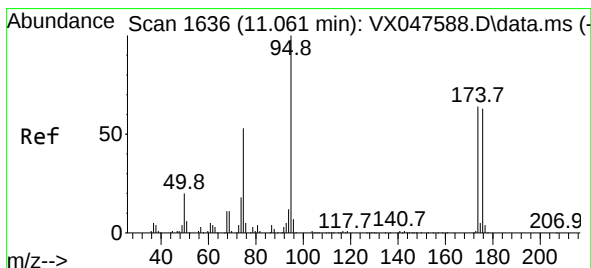
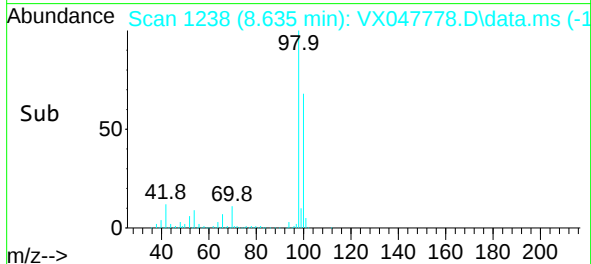
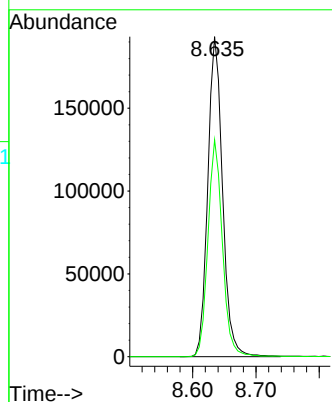
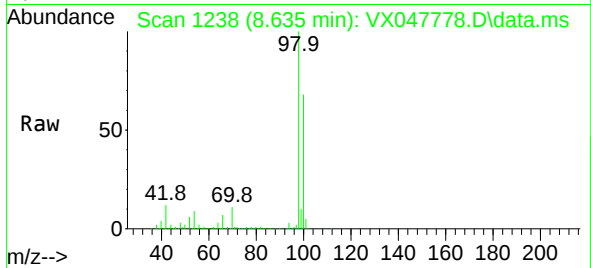




#50
Toluene-d8
Concen: 48.039 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047778.D
Acq: 24 Sep 2025 16:05

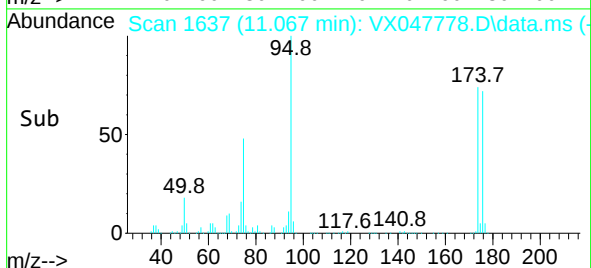
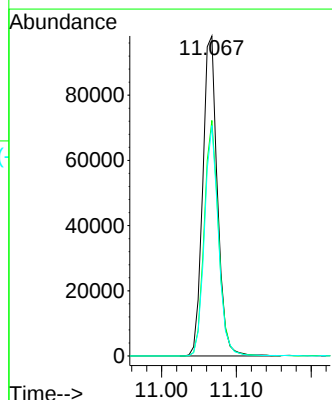
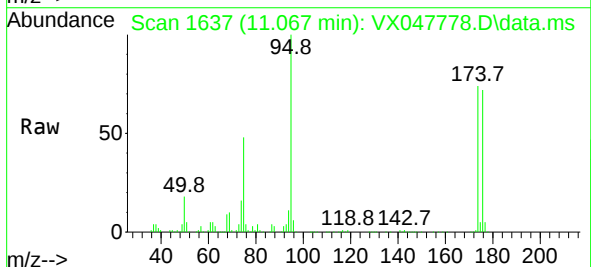
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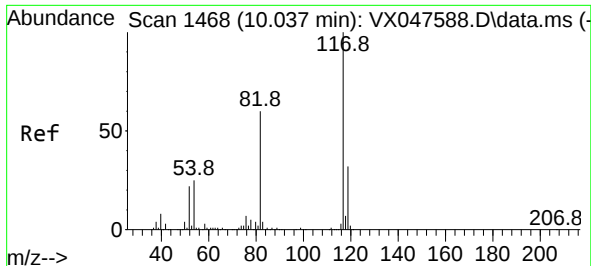
Tgt Ion: 98 Resp: 313894
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.897 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047778.D
Acq: 24 Sep 2025 16:05

Tgt Ion: 95 Resp: 133656
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 68.8 0.0 138.4

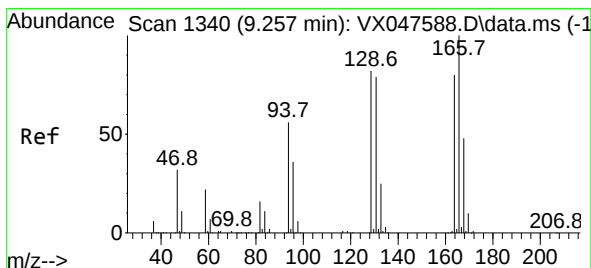
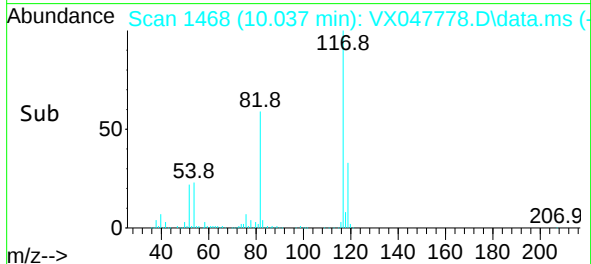
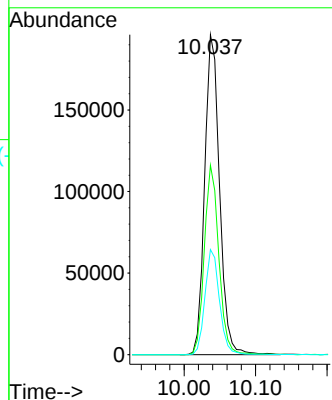
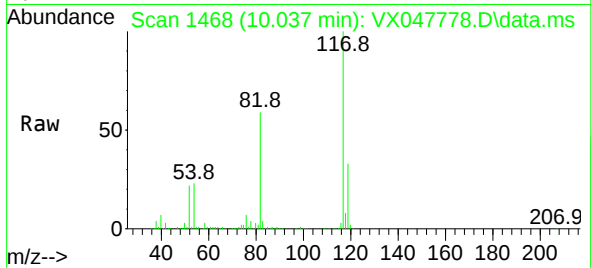




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047778.D
Acq: 24 Sep 2025 16:05

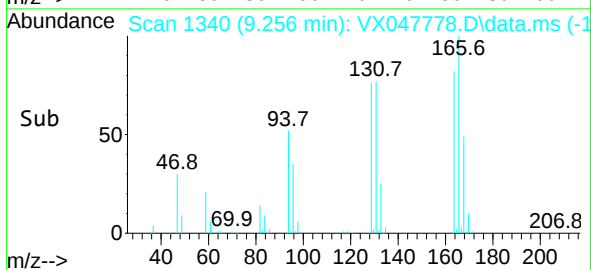
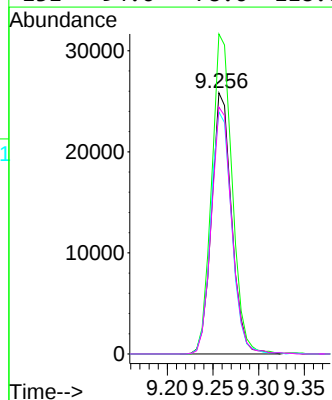
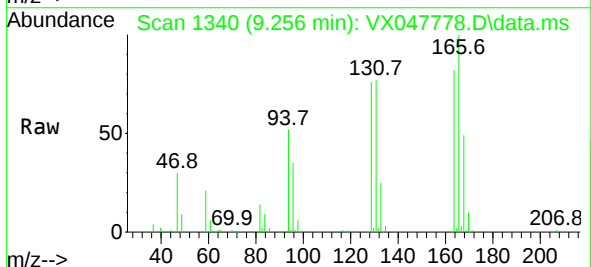
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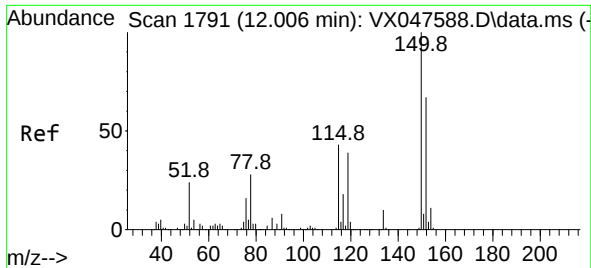
Tgt Ion:117 Resp: 283549
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.6
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 21.211 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047778.D
Acq: 24 Sep 2025 16:05

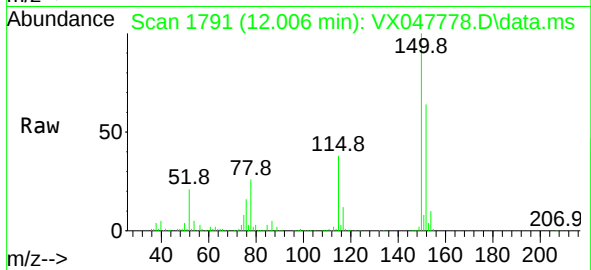
Tgt Ion:164 Resp: 39207
Ion Ratio Lower Upper
164 100
166 122.6 100.2 150.2
129 92.7 81.8 122.6
131 94.6 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047778.D
 Acq: 24 Sep 2025 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20250912DL



Tgt Ion:152 Resp: 143934
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.9 134.5
 150 158.2 0.0 352.0

