

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047682.D
 Acq On : 19 Sep 2025 17:20
 Operator : JC/MD
 Sample : Q3097-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20250911

Quant Time: Sep 20 00:35:45 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

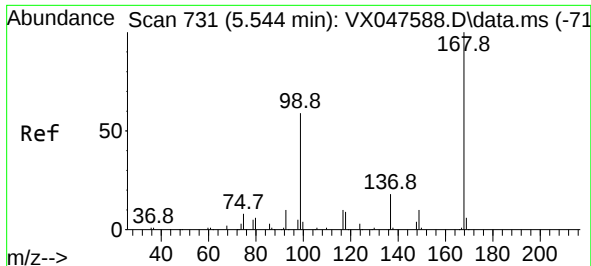
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	177366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	331074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	296220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	154805	54.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.660%	
35) Dibromofluoromethane	5.379	113	114498	51.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.140%	
50) Toluene-d8	8.635	98	398884	51.918	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	11.061	95	150938	51.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.540%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.343	101	3249	1.584	ug/l	95
16) Acetone	2.380	43	2868	2.336	ug/l #	87
44) Trichloroethene	7.117	130	37389	15.694	ug/l	90
64) Tetrachloroethene	9.257	164	399	0.207	ug/l #	77

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

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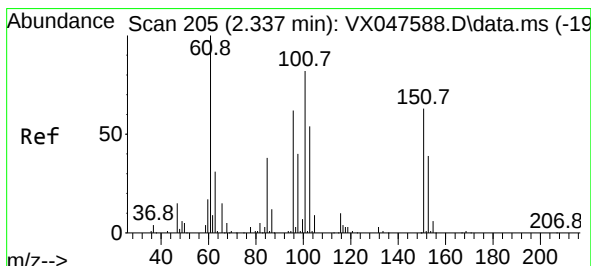
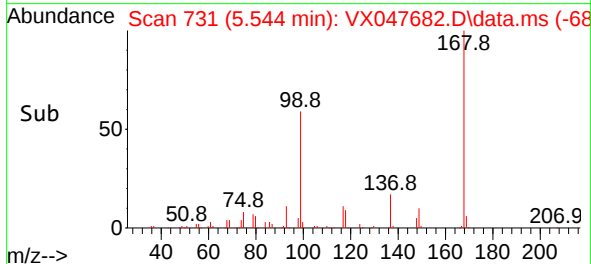
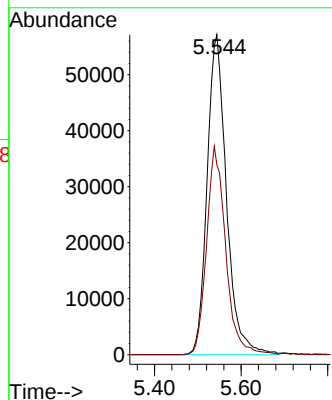
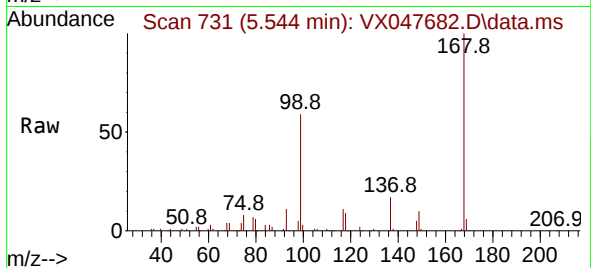




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047682.D
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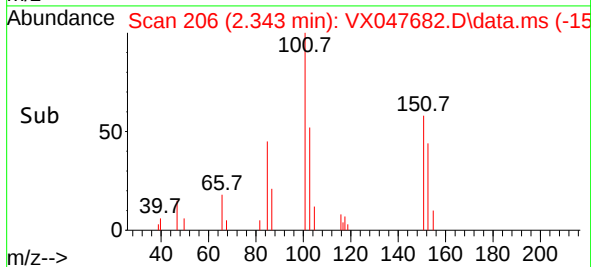
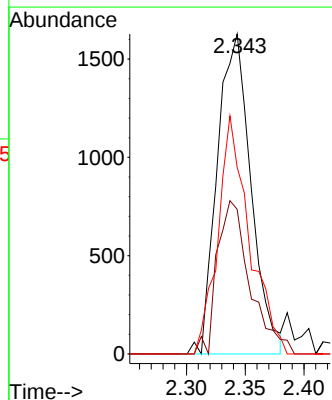
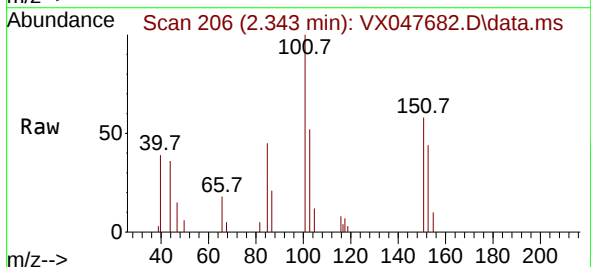
Instrument :
MSVOA_X
ClientSampleId :
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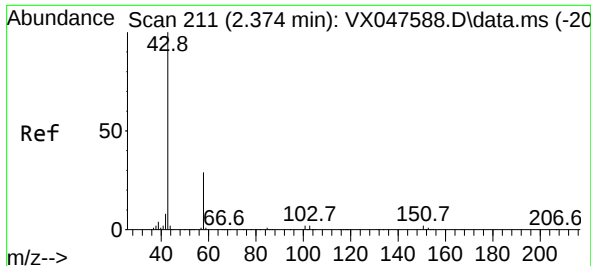
Tgt Ion:168 Resp: 177366
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.584 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

Tgt Ion:101 Resp: 3249
Ion Ratio Lower Upper
101 100
85 46.8 35.5 53.3
151 69.4 59.4 89.0

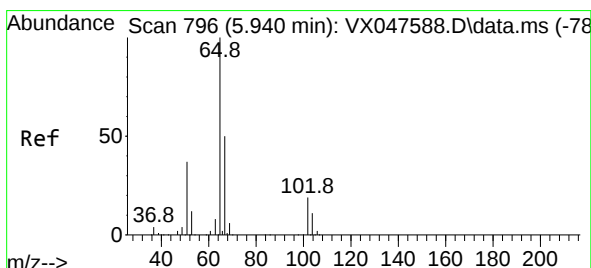
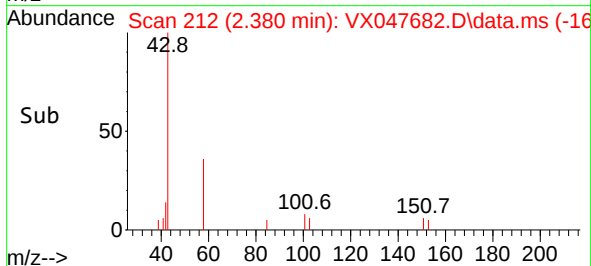
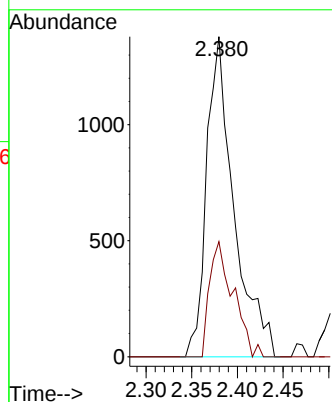
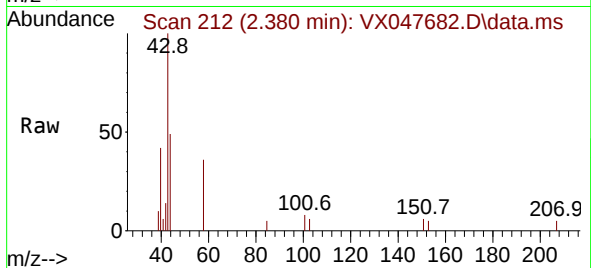




#16
Acetone
Concen: 2.336 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

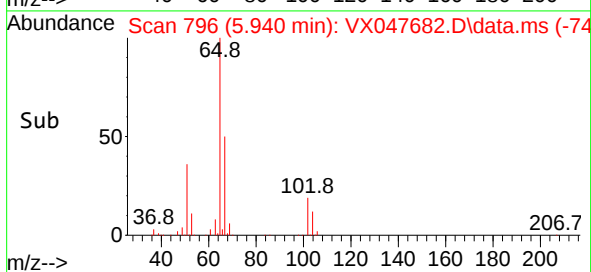
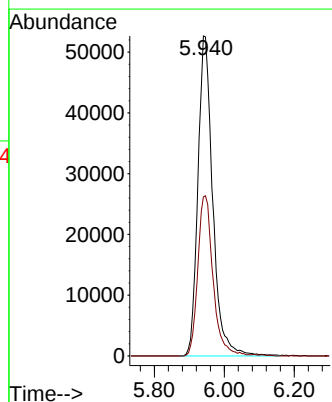
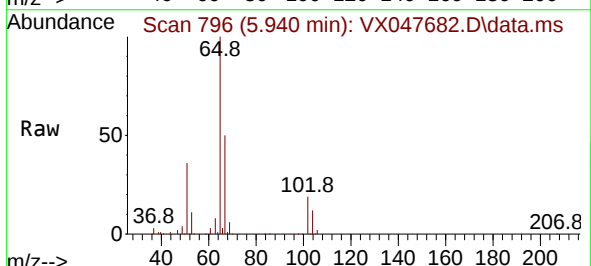
Instrument :
MSVOA_X
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RE120D3-20250911

Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
58 36.0 23.4 35.0#



#33
1,2-Dichloroethane-d4
Concen: 54.833 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

Tgt Ion: 65 Resp: 154805
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

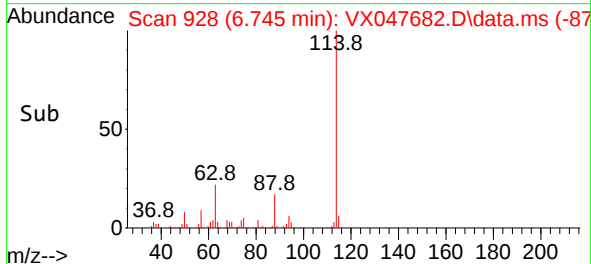
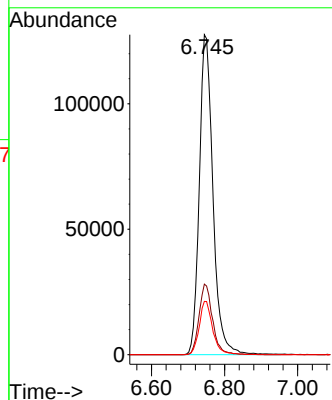
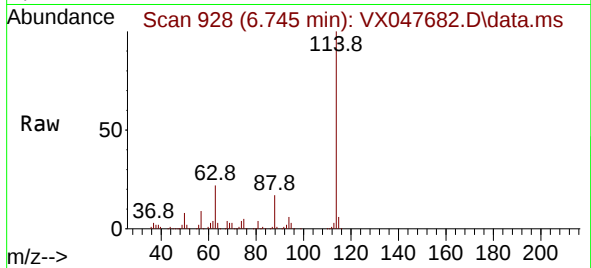




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

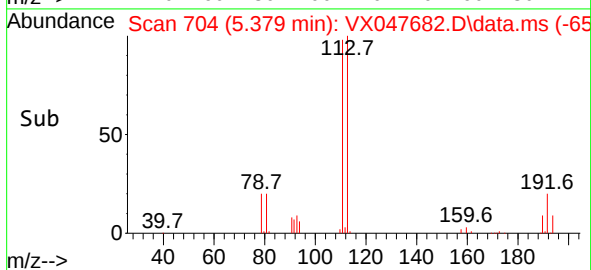
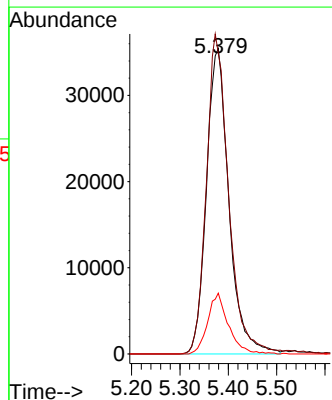
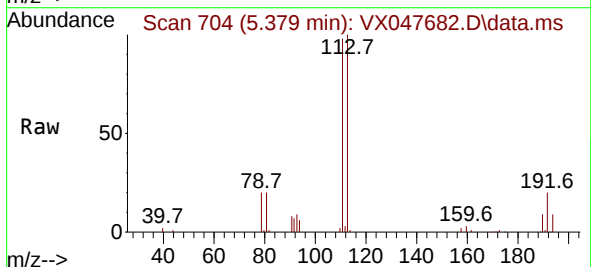
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20250911

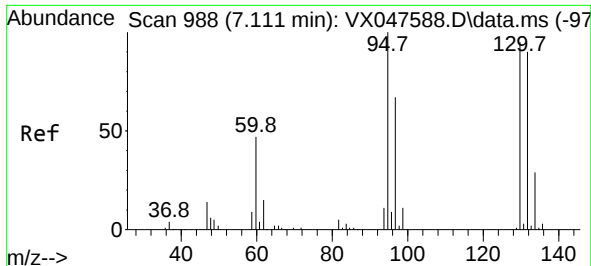
Tgt Ion:114 Resp: 331074
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.567 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

Tgt Ion:113 Resp: 114498
Ion Ratio Lower Upper
113 100
111 103.5 80.9 121.3
192 18.4 14.2 21.4

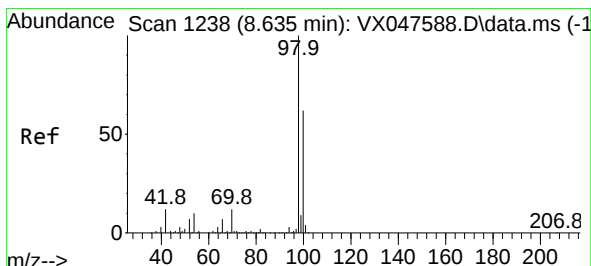
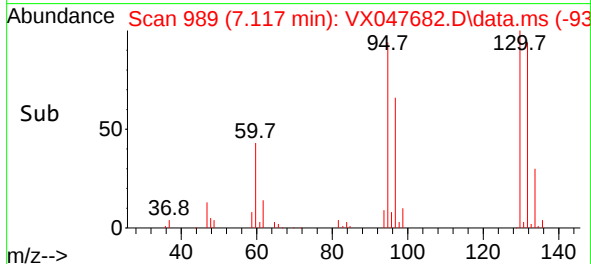
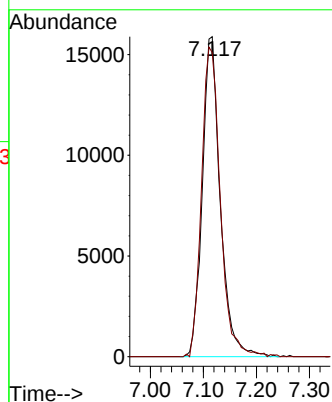
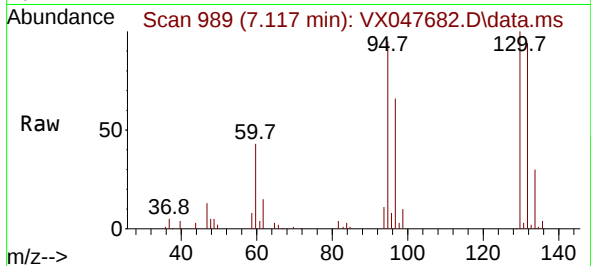




#44
Trichloroethene
Concen: 15.694 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

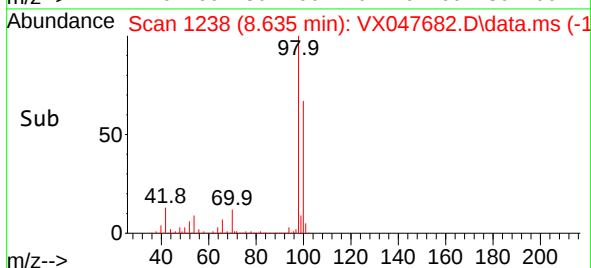
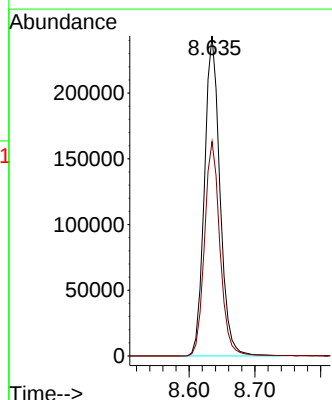
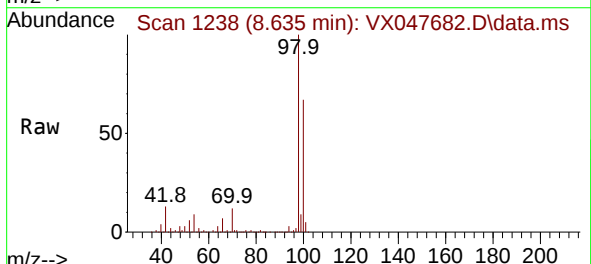
Instrument :
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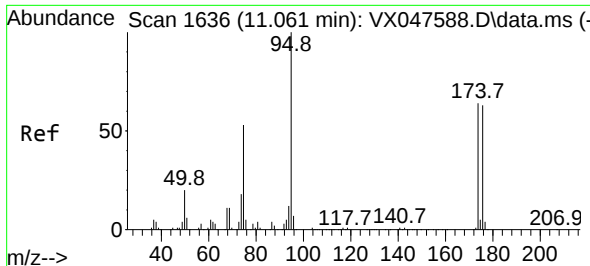
Tgt Ion:130 Resp: 37389
Ion Ratio Lower Upper
130 100
95 95.0 0.0 210.8



#50
Toluene-d8
Concen: 51.918 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

Tgt Ion: 98 Resp: 398884
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

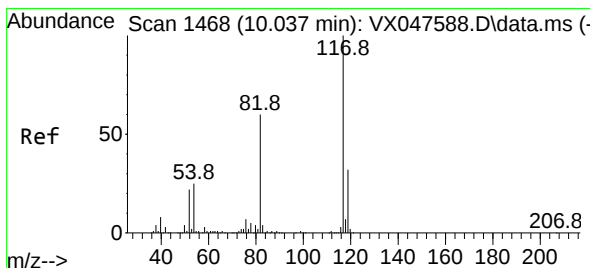
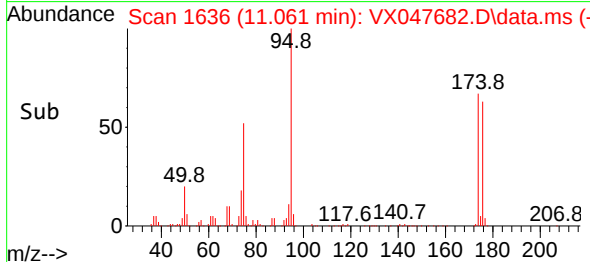
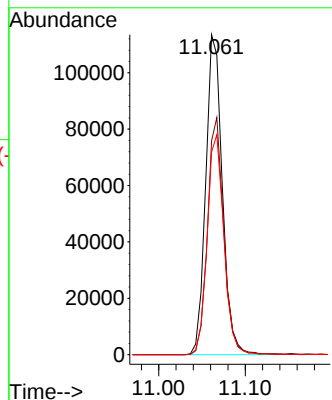
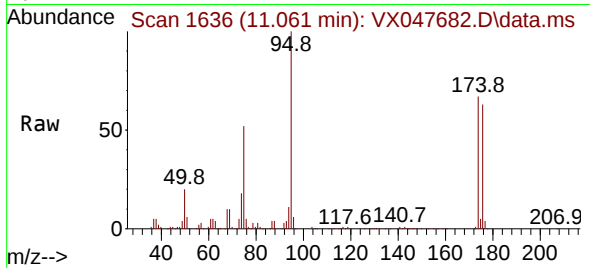




#62
4-Bromofluorobenzene
Concen: 51.766 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

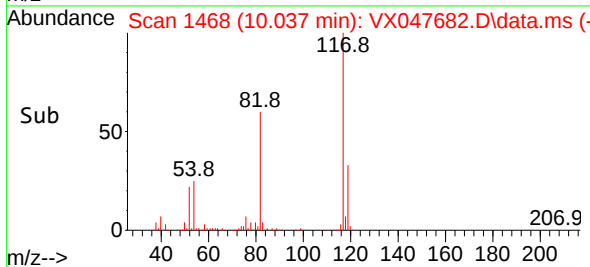
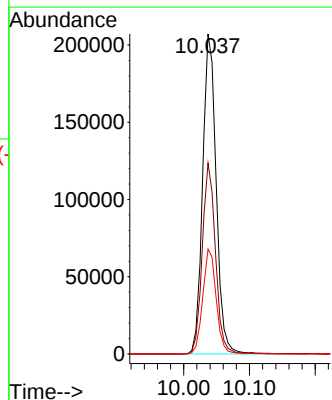
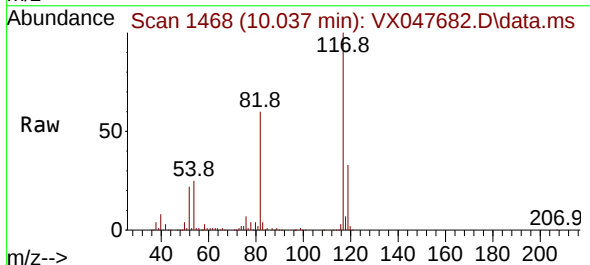
Instrument :
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ClientSampleId :
RE120D3-20250911

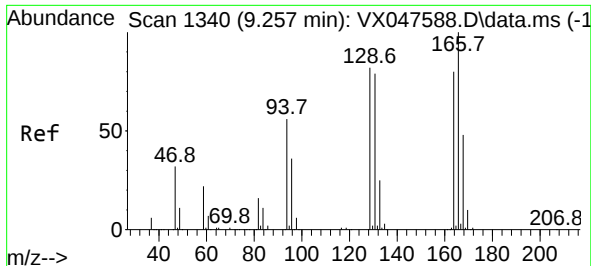
Tgt Ion: 95 Resp: 150938
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

Tgt Ion: 117 Resp: 296220
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.6
119 32.8 25.2 37.8

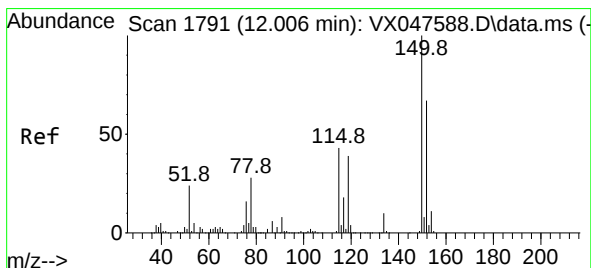
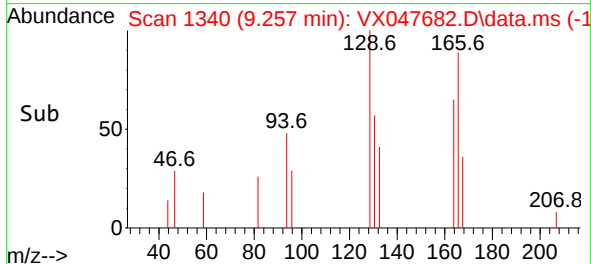
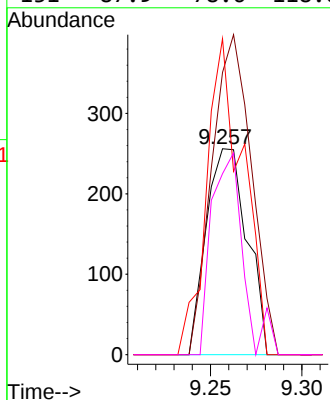
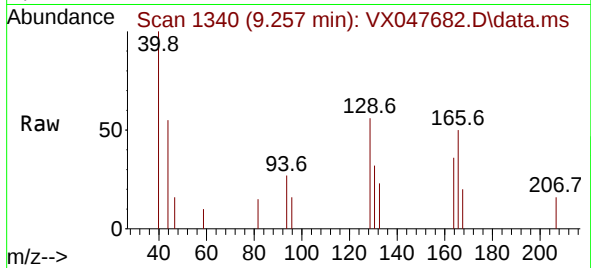




#64
Tetrachloroethene
Concen: 0.207 ug/l
RT: 9.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047682.D
Acq: 19 Sep 2025 17:20

Instrument :
MSVOA_X
ClientSampleId :
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Tgt	Ion:164	Resp:	399
Ion	Ratio	Lower	Upper
164	100		
166	137.1	100.2	150.2
129	153.5	81.8	122.6#
131	87.9	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: VX047682.D
Acq: 19 Sep 2025 17:20

Tgt Ion:152	Resp:	146054	
Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.9	134.5
150	154.7	0.0	352.0

