

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047678.D
 Acq On : 19 Sep 2025 15:57
 Operator : JC/MD
 Sample : Q3097-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20250911

Quant Time: Sep 20 00:34:04 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

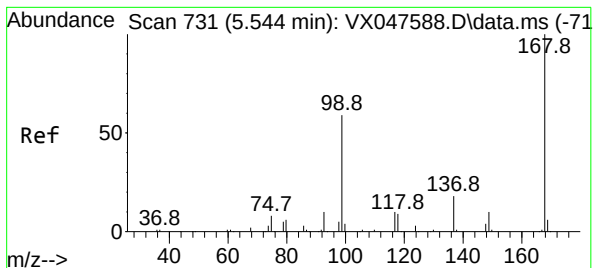
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	166867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	308997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	147555	55.553	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.100%
35) Dibromofluoromethane	5.379	113	109111	52.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.300%
50) Toluene-d8	8.635	98	379125	52.872	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.740%
62) 4-Bromofluorobenzene	11.061	95	145340	53.407	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.820%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2520	1.306	ug/l	97
16) Acetone	2.373	43	2476	2.144	ug/l	90
44) Trichloroethene	7.110	130	187117	84.153	ug/l	99
64) Tetrachloroethene	9.262	164	779	0.428	ug/l	93

(#) = 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: VX047678.D

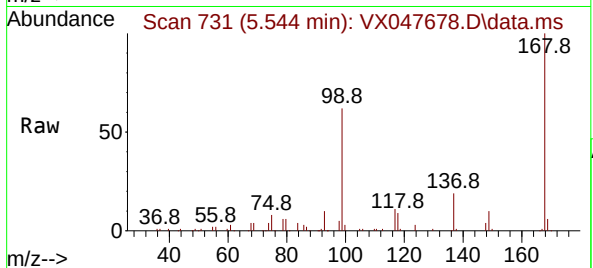
Acq: 19 Sep 2025 15:57

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20250911

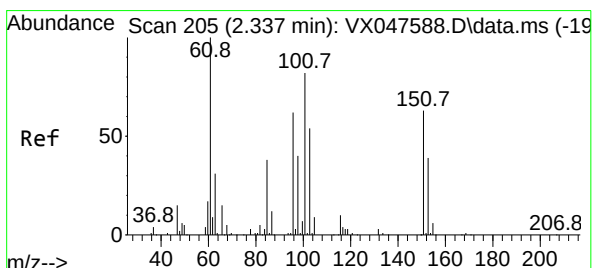
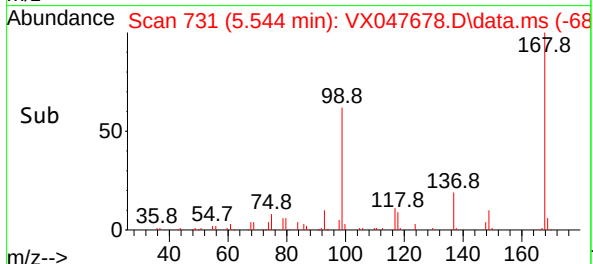
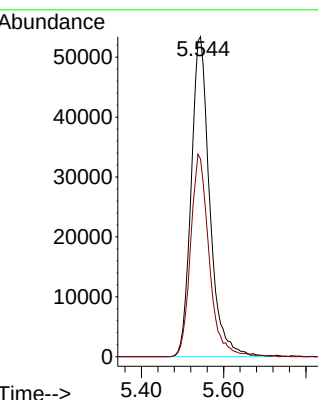


Tgt Ion:168 Resp: 166867

Ion Ratio Lower Upper

168 100

99 61.8 48.8 73.2



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.306 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX047678.D

Acq: 19 Sep 2025 15:57

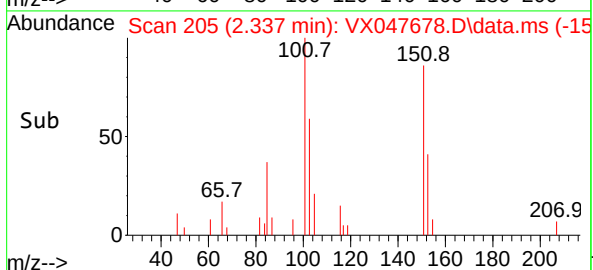
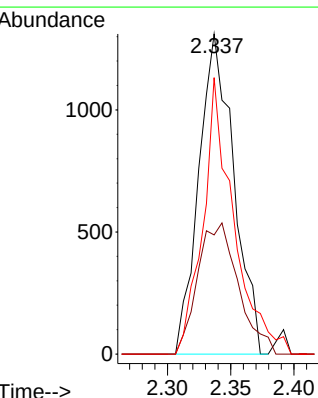
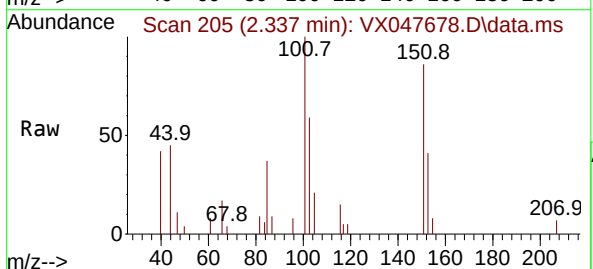
Tgt Ion:101 Resp: 2520

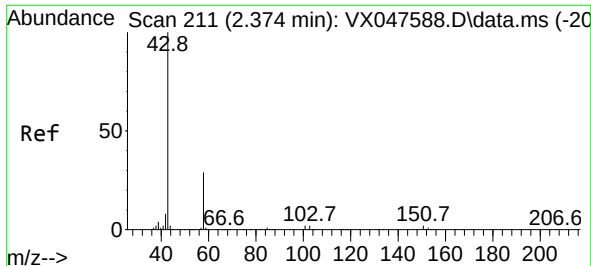
Ion Ratio Lower Upper

101 100

85 47.6 35.5 53.3

151 76.0 59.4 89.0

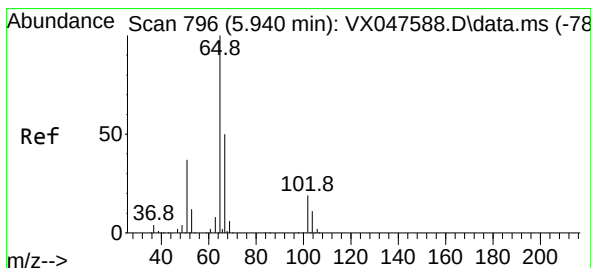
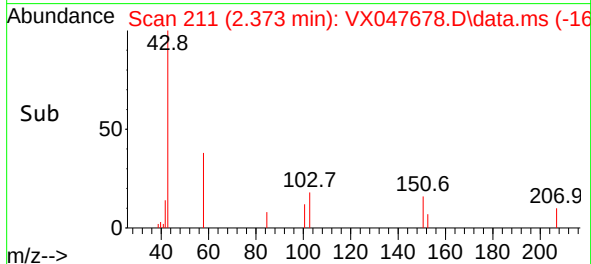
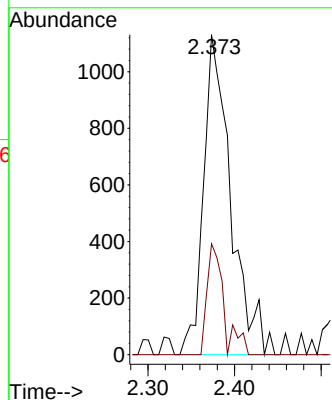
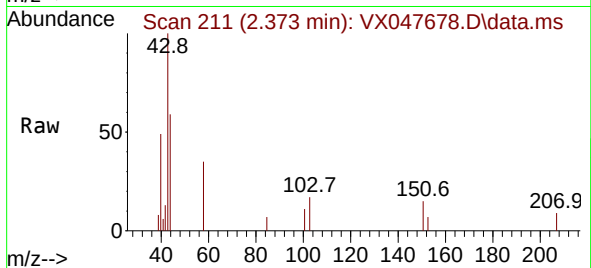




#16
Acetone
Concen: 2.144 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047678.D
Acq: 19 Sep 2025 15:57

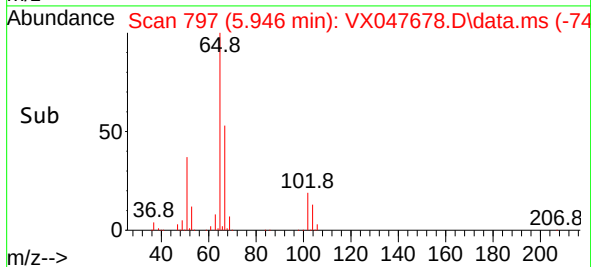
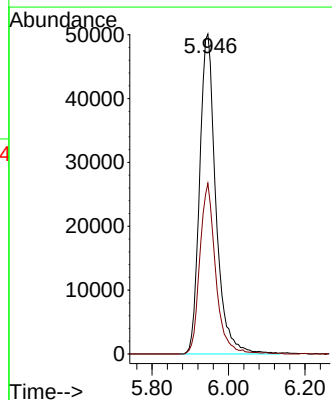
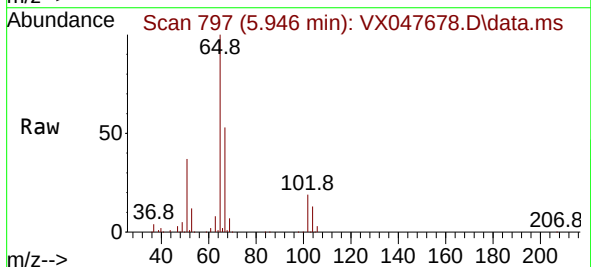
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250911

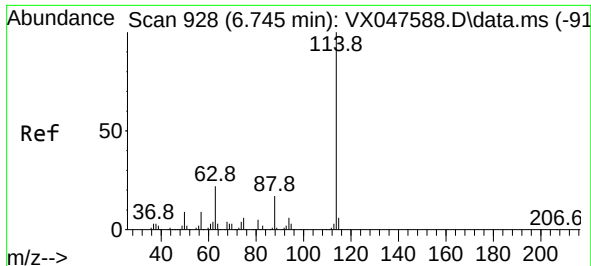
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
58 34.7 23.4 35.0



#33
1,2-Dichloroethane-d4
Concen: 55.553 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047678.D
Acq: 19 Sep 2025 15:57

Tgt Ion: 65 Resp: 147555
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

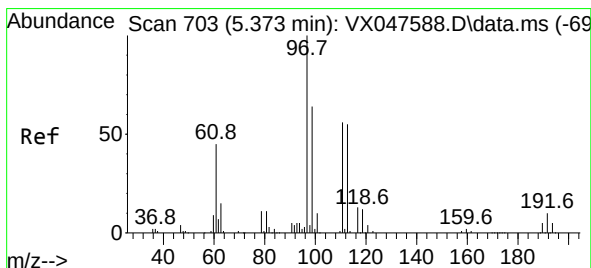
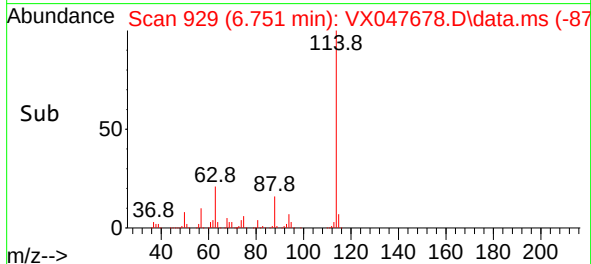
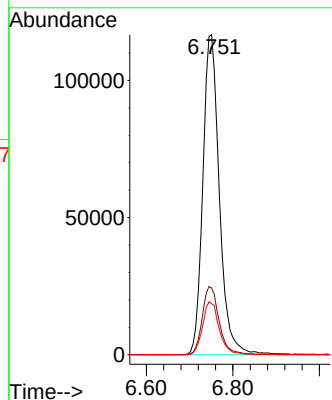
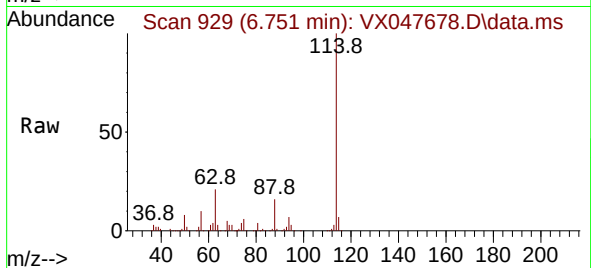




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047678.D
Acq: 19 Sep 2025 15:57

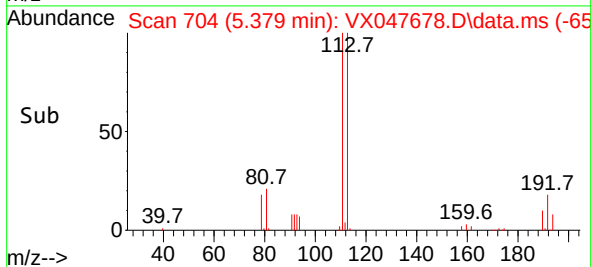
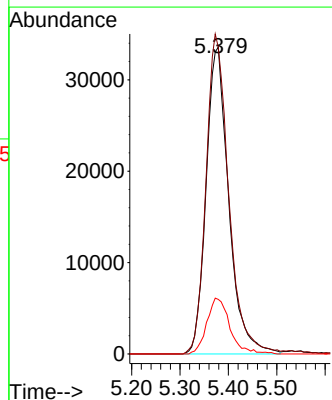
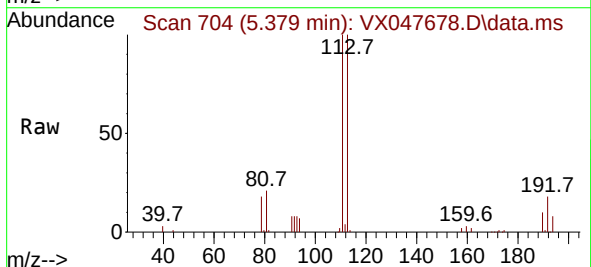
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250911

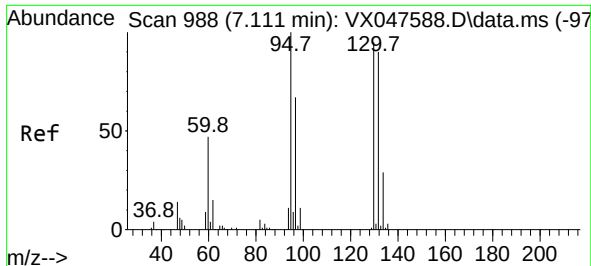
Tgt Ion:114 Resp: 308997
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.652 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047678.D
Acq: 19 Sep 2025 15:57

Tgt Ion:113 Resp: 109111
Ion Ratio Lower Upper
113 100
111 104.8 80.9 121.3
192 18.6 14.2 21.4

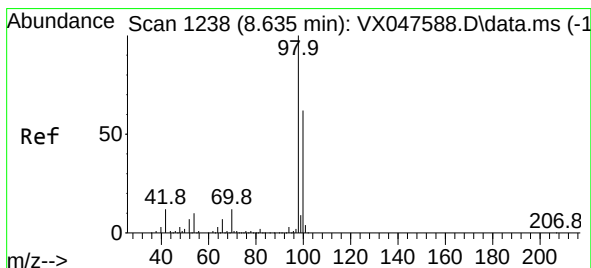
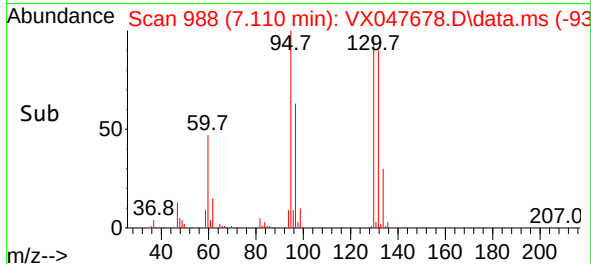
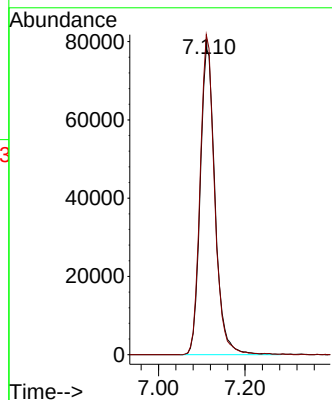
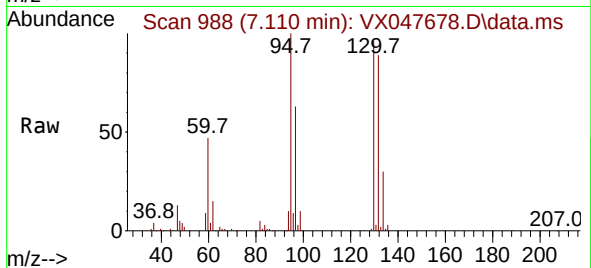




#44
Trichloroethene
Concen: 84.153 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047678.D
Acq: 19 Sep 2025 15:57

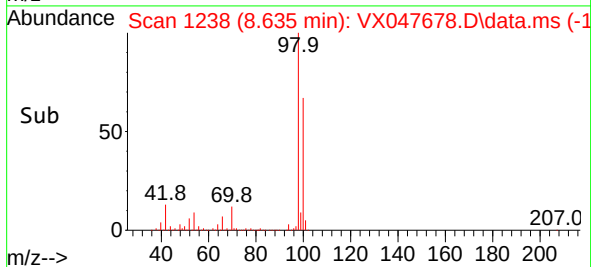
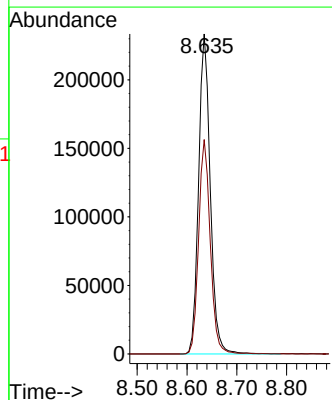
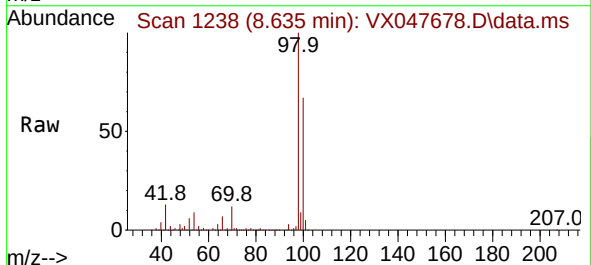
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250911

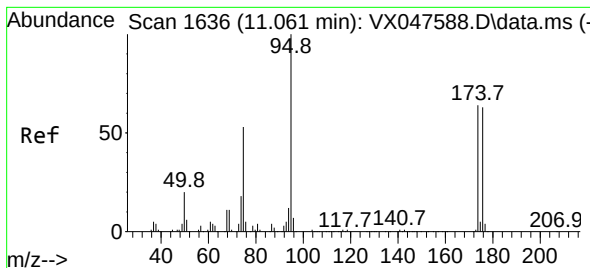
Tgt Ion:130 Resp: 187117
Ion Ratio Lower Upper
130 100
95 104.5 0.0 210.8



#50
Toluene-d8
Concen: 52.872 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047678.D
Acq: 19 Sep 2025 15:57

Tgt Ion: 98 Resp: 379125
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 53.407 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047678.D

Acq: 19 Sep 2025 15:57

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20250911

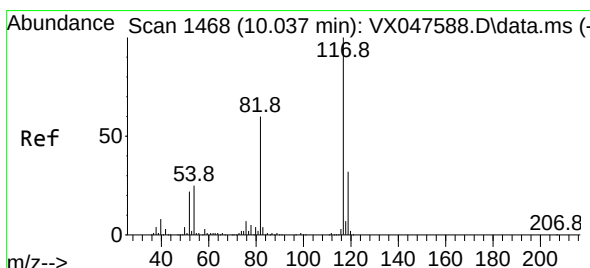
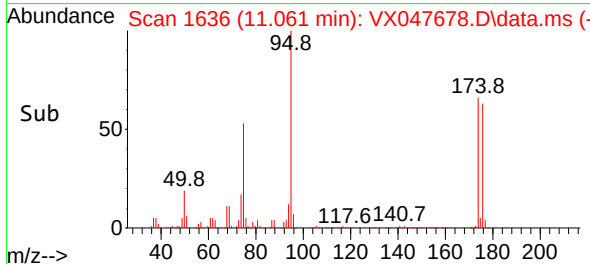
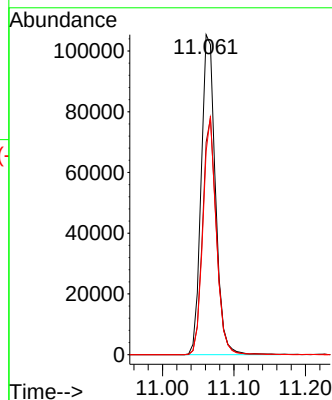
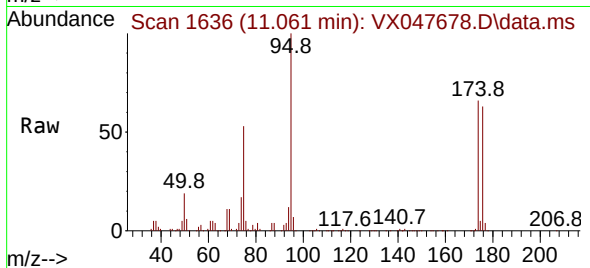
Tgt Ion: 95 Resp: 145340

Ion Ratio Lower Upper

95 100

174 71.4 0.0 141.6

176 70.1 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: VX047678.D

Acq: 19 Sep 2025 15:57

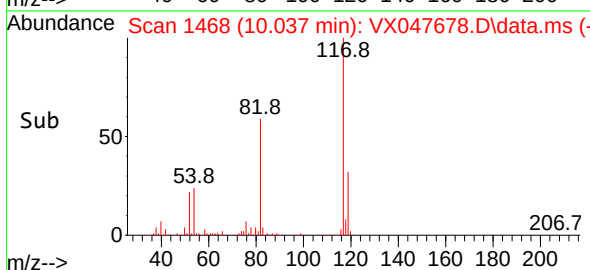
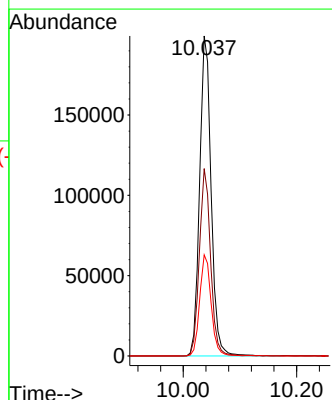
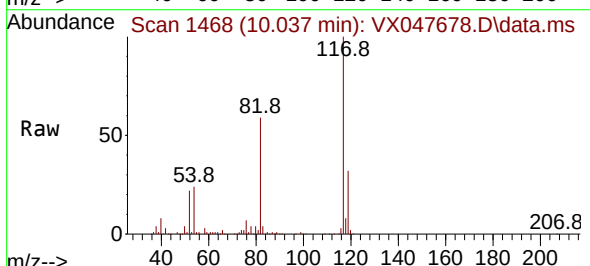
Tgt Ion: 117 Resp: 279494

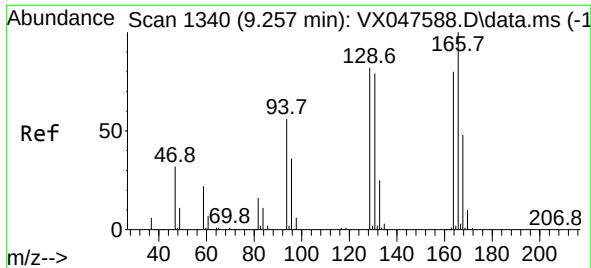
Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 31.6 25.2 37.8

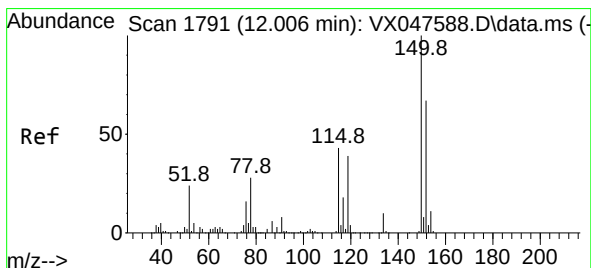
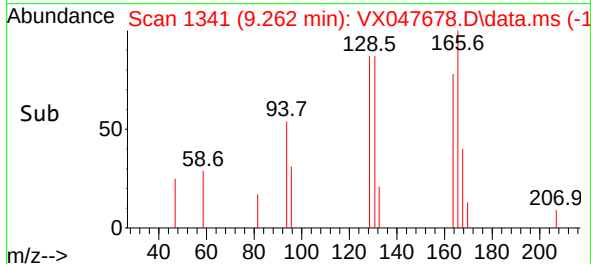
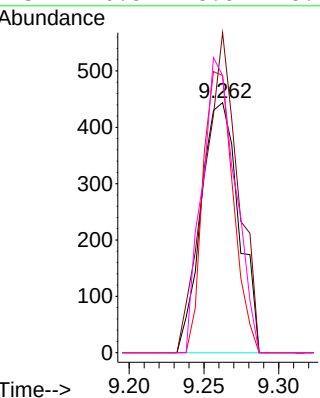
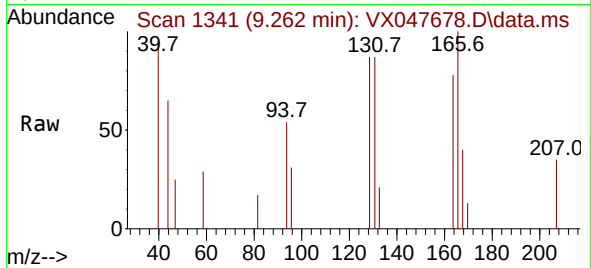




#64
Tetrachloroethene
Concen: 0.428 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047678.D
Acq: 19 Sep 2025 15:57

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250911

Tgt Ion:164	Resp:	779	
Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.2	150.2
129	110.8	81.8	122.6
131	110.8	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: VX047678.D
Acq: 19 Sep 2025 15:57

Tgt Ion:152	Resp:	134673	
Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.9	134.5
150	160.2	0.0	352.0

