

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047655.D
 Acq On : 18 Sep 2025 20:13
 Operator : JC/MD
 Sample : Q3095-30
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20250910

Quant Time: Sep 19 01:37:08 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)

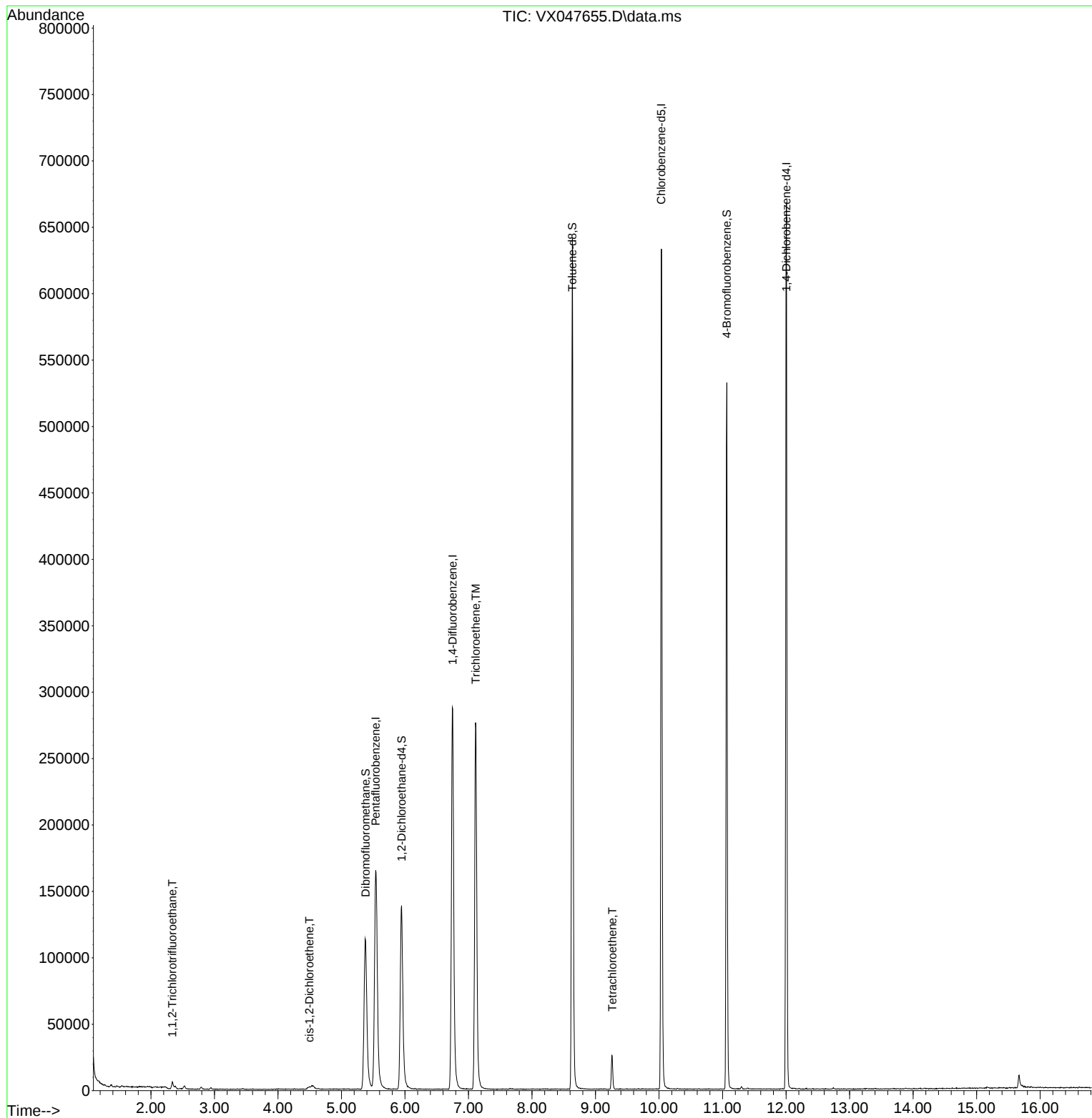
Internal Standards						
1) Pentafluorobenzene	5.538	168	169557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	316203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	285074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	147490	54.648	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.300%	
35) Dibromofluoromethane	5.379	113	110356	52.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	8.635	98	380337	51.833	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	11.067	95	149257	53.596	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.200%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2238	1.141	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	1228	0.462	ug/l	93
44) Trichloroethene	7.117	130	117907	51.818	ug/l	95
64) Tetrachloroethene	9.263	164	4738	2.550	ug/l	89

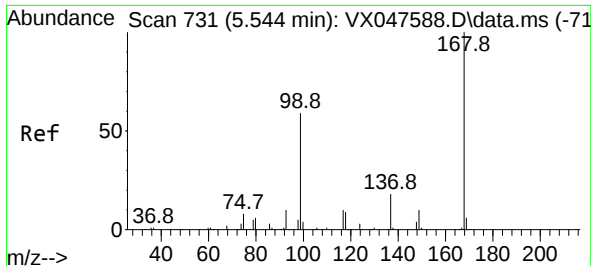
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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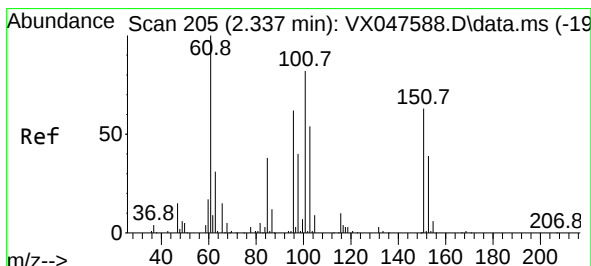
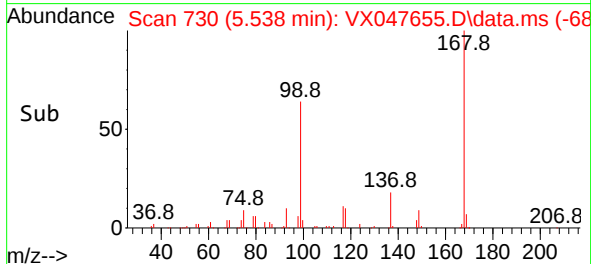
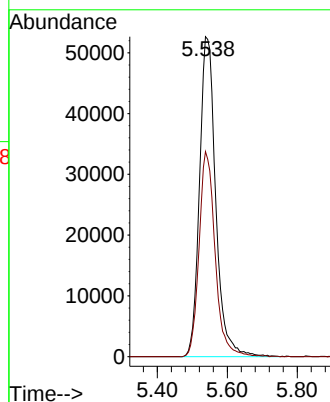
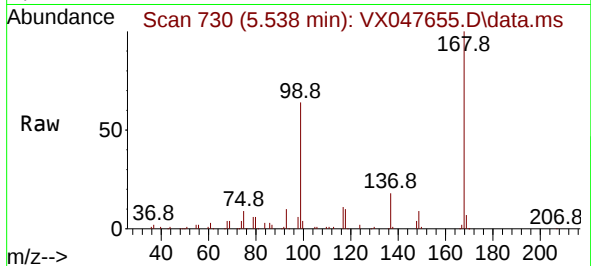




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

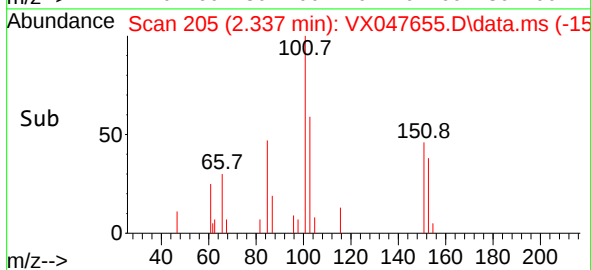
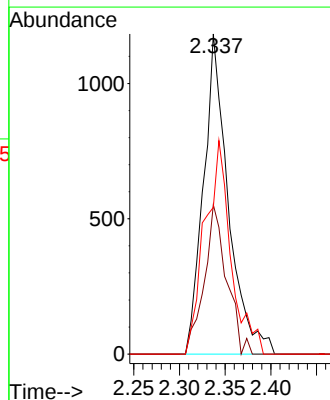
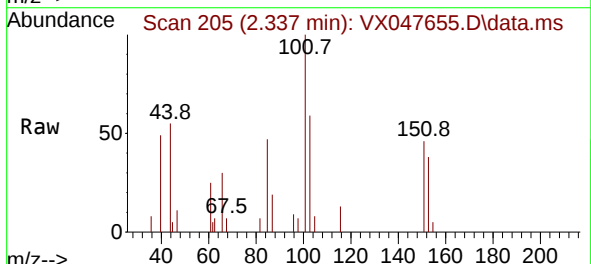
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20250910

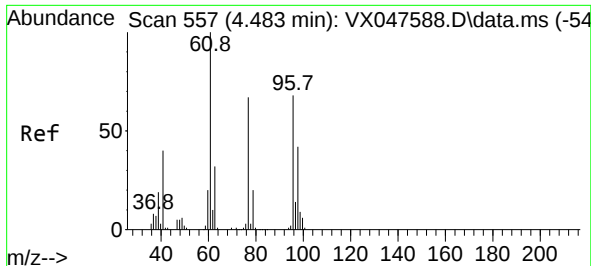
Tgt Ion:168 Resp: 169557
Ion Ratio Lower Upper
168 100
99 64.1 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.141 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

Tgt Ion:101 Resp: 2238
Ion Ratio Lower Upper
101 100
85 42.0 35.5 53.3
151 69.8 59.4 89.0





#27

cis-1,2-Dichloroethene

Concen: 0.462 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX047655.D

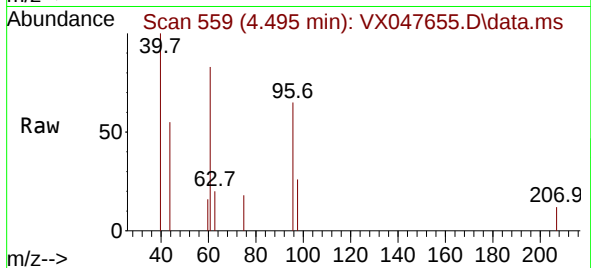
Acq: 18 Sep 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20250910



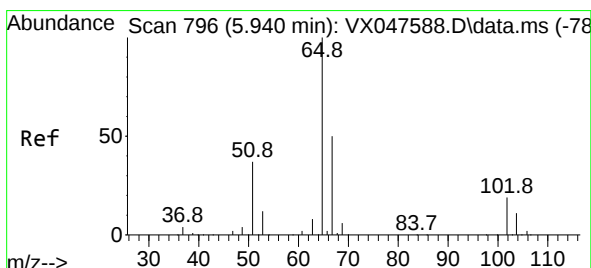
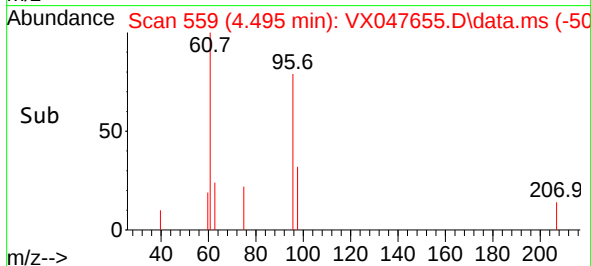
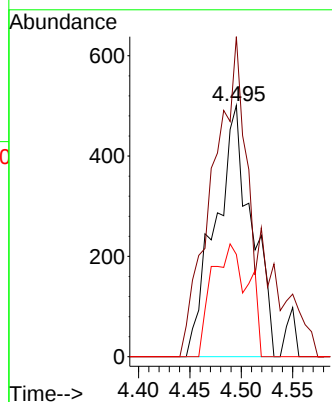
Tgt Ion: 96 Resp: 1228

Ion Ratio Lower Upper

96 100

61 152.0 0.0 303.2

98 44.9 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 54.648 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047655.D

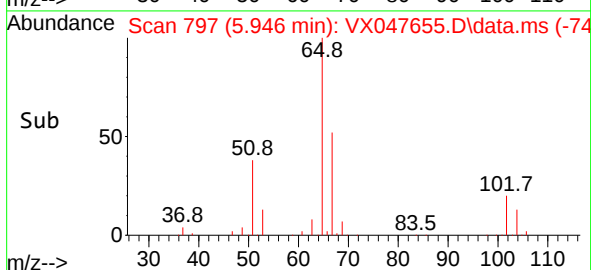
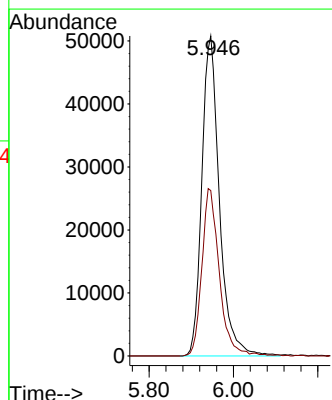
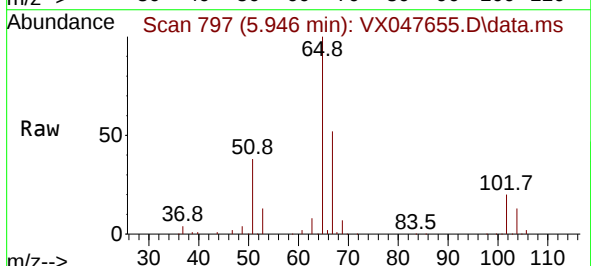
Acq: 18 Sep 2025 20:13

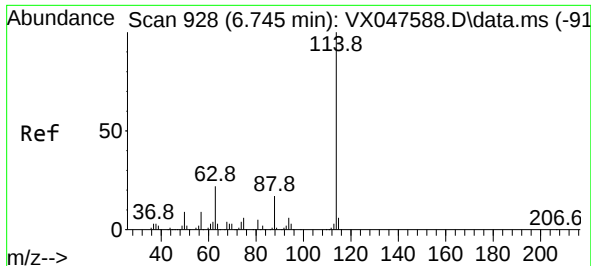
Tgt Ion: 65 Resp: 147490

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0

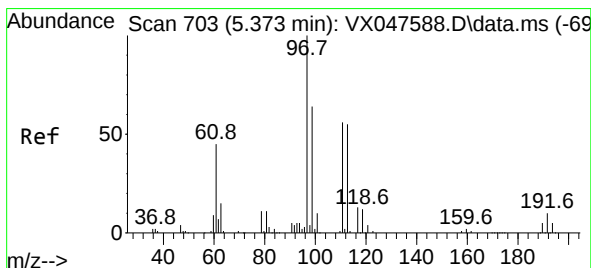
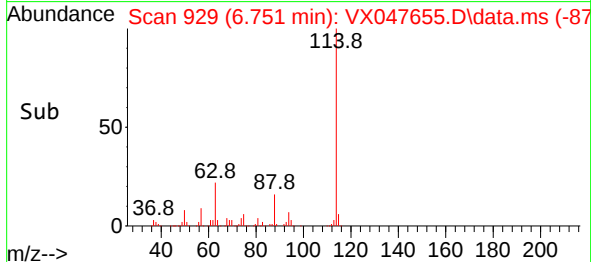
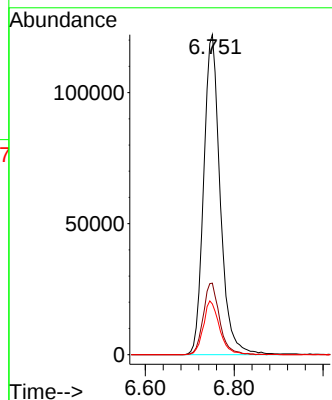
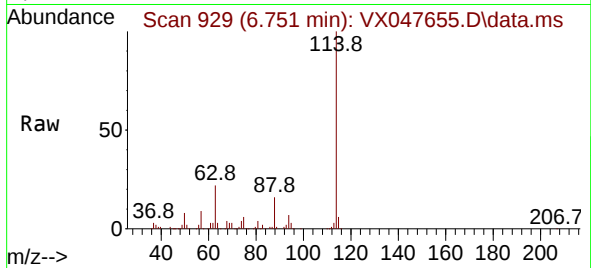




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

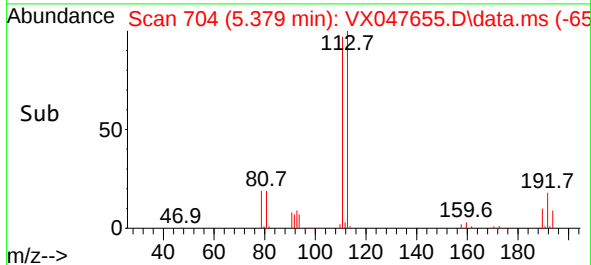
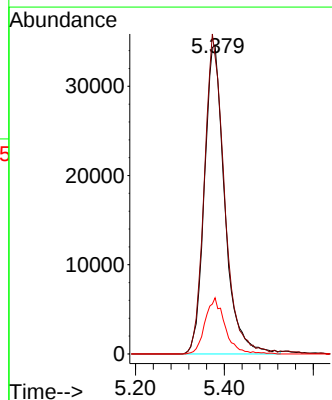
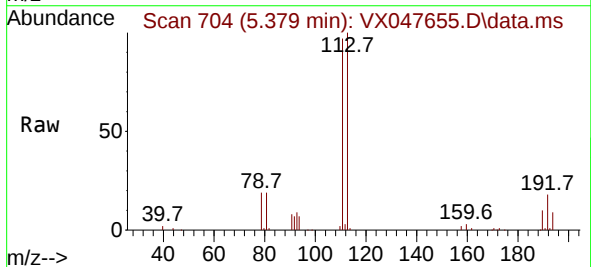
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20250910

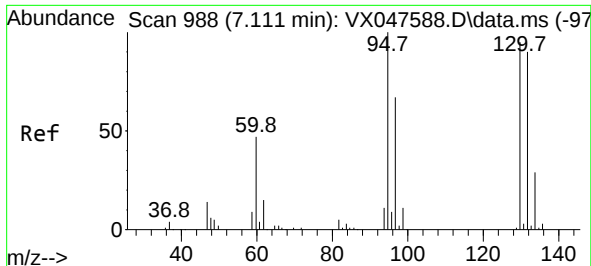
Tgt Ion:114 Resp: 316203
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.039 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

Tgt Ion:113 Resp: 110356
Ion Ratio Lower Upper
113 100
111 102.1 80.9 121.3
192 17.9 14.2 21.4

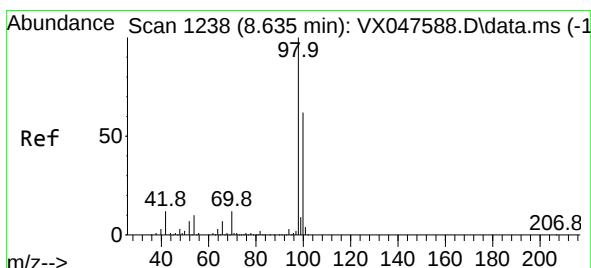
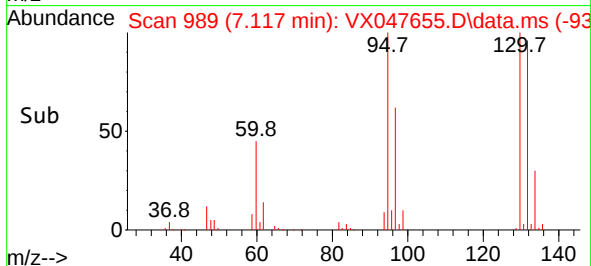
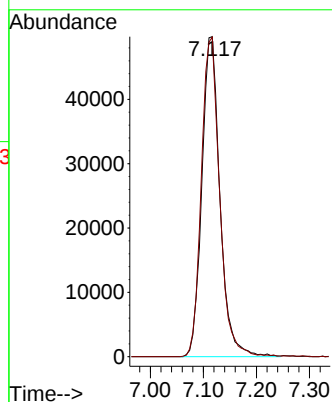
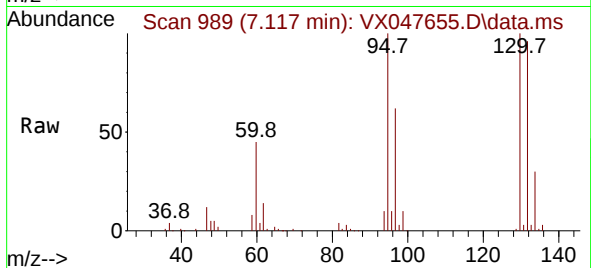




#44
Trichloroethene
Concen: 51.818 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

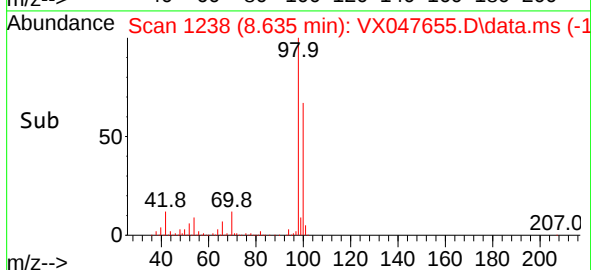
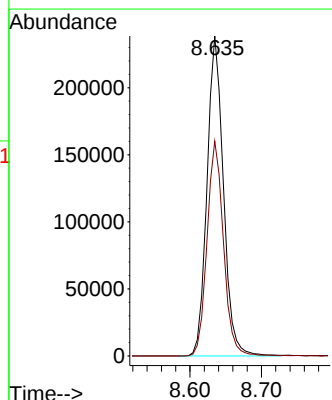
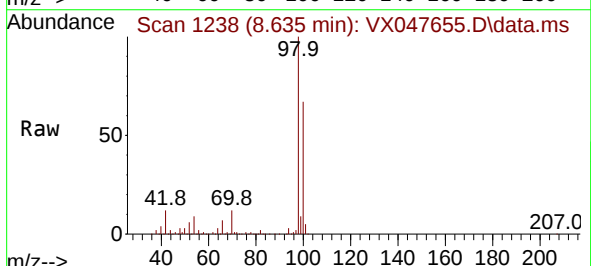
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20250910

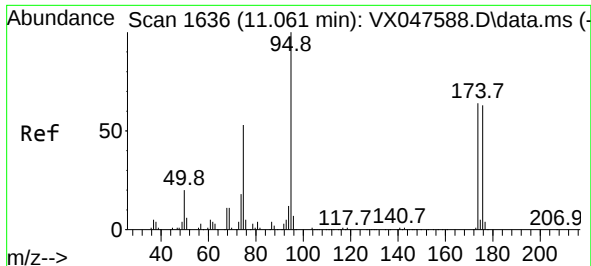
Tgt Ion:130 Resp: 117907
Ion Ratio Lower Upper
130 100
95 99.8 0.0 210.8



#50
Toluene-d8
Concen: 51.833 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

Tgt Ion: 98 Resp: 380337
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4

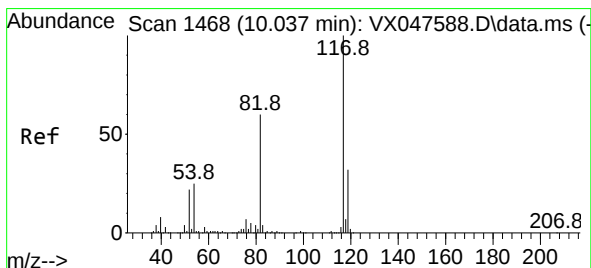
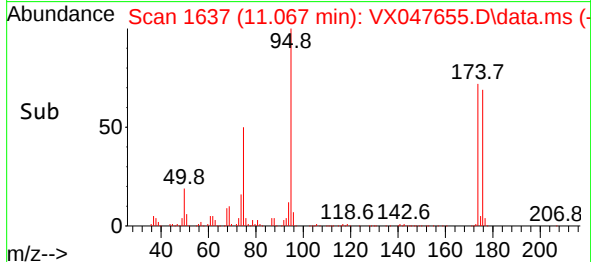
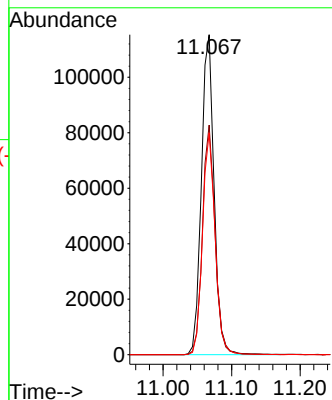
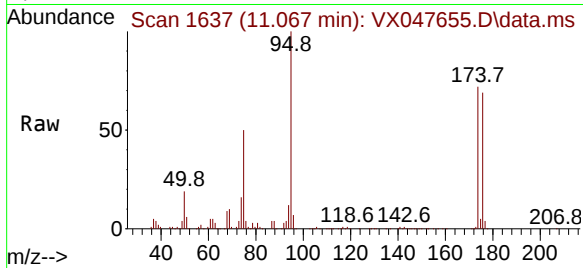




#62
4-Bromofluorobenzene
Concen: 53.596 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

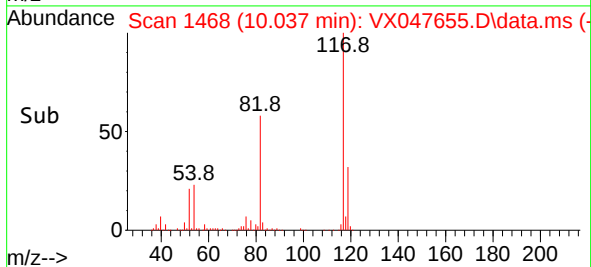
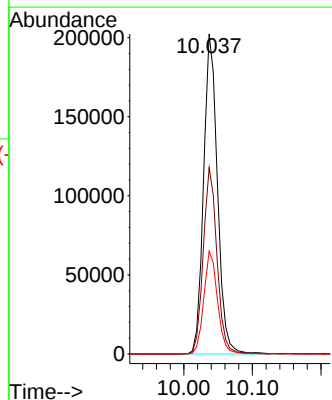
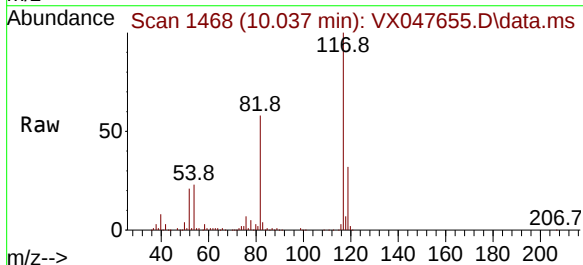
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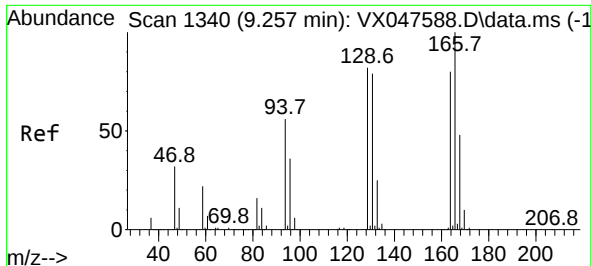
Tgt Ion: 95 Resp: 149257
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.6
176 68.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

Tgt Ion: 117 Resp: 285074
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 32.1 25.2 37.8



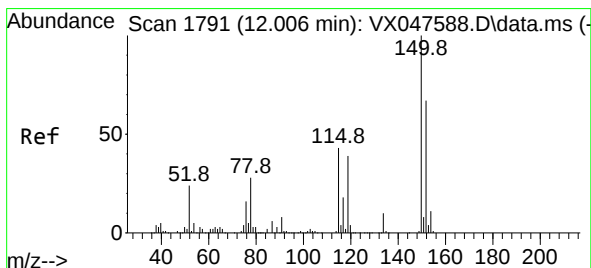
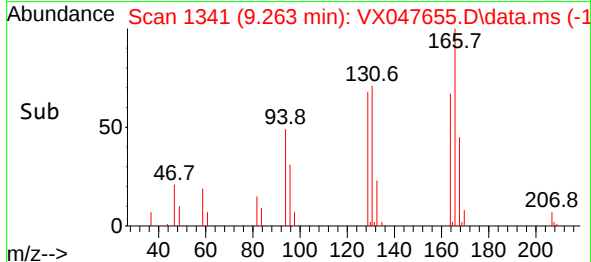
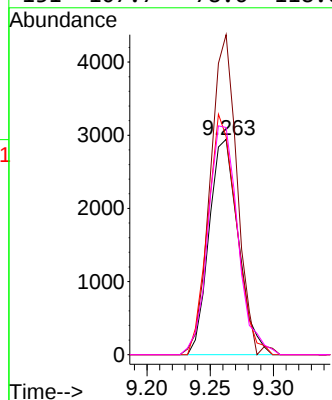
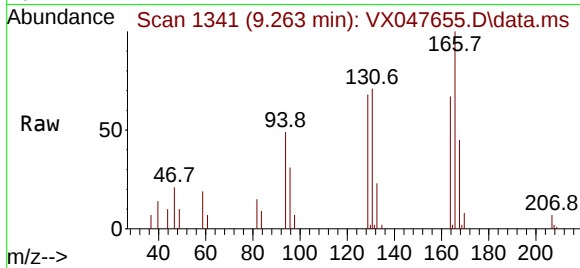


#64
Tetrachloroethene
Concen: 2.550 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047655.D
Acq: 18 Sep 2025 20:13

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 4738

Ion	Ratio	Lower	Upper
164	100		
166	148.6	100.2	150.2
129	101.4	81.8	122.6
131	107.7	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: VX047655.D
Acq: 18 Sep 2025 20:13

Tgt Ion:152 Resp: 138021

Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.9	134.5
150	159.0	0.0	352.0

