

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047780.D
 Acq On : 24 Sep 2025 16:46
 Operator : JC/MD
 Sample : Q3127-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20250915DL

Quant Time: Sep 25 01:18:19 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)

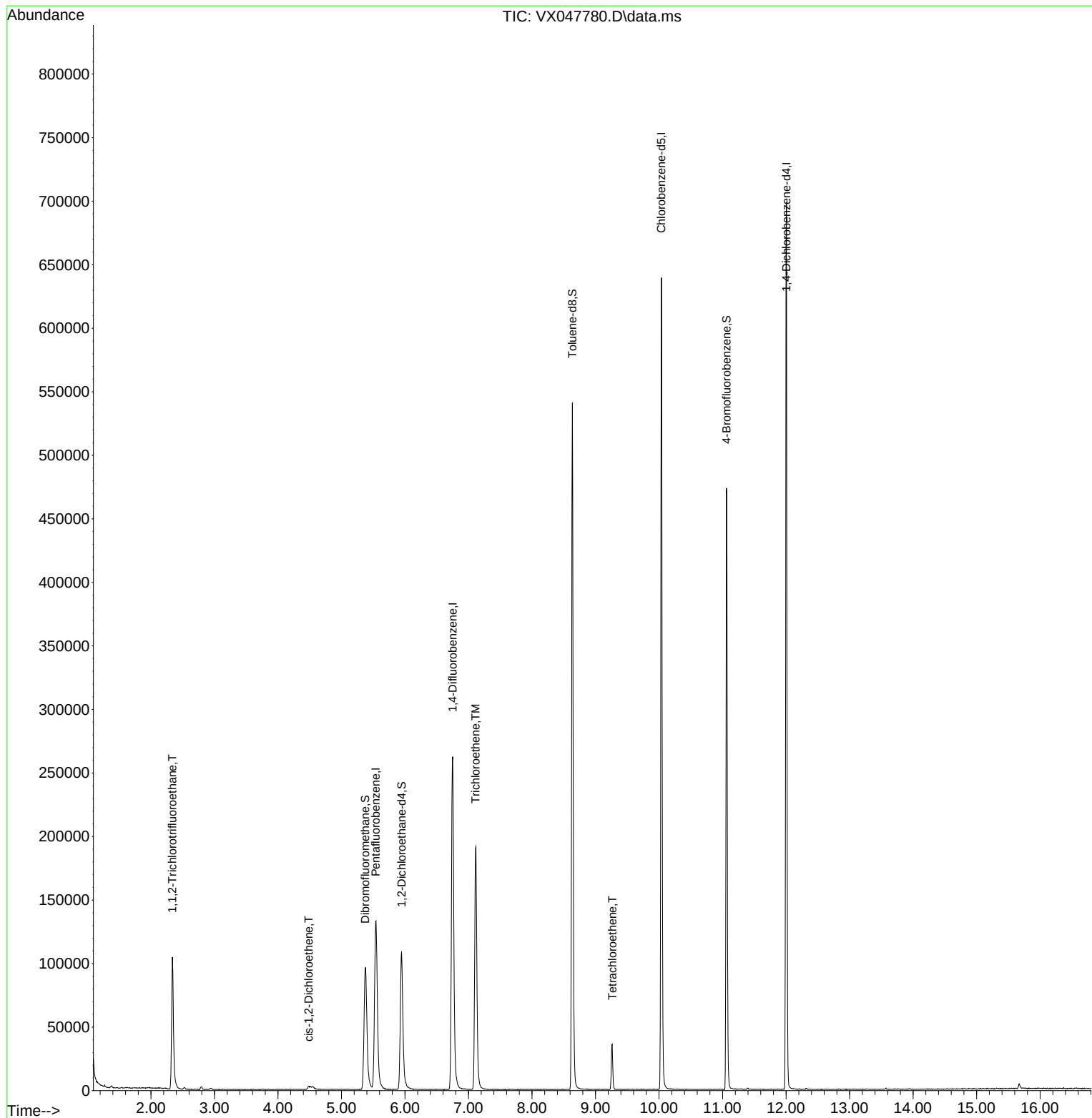
Internal Standards						
1) Pentafluorobenzene	5.537	168	136285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	290275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	295686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115211	53.109	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.220%		
35) Dibromofluoromethane	5.373	113	97159	49.908	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.820%		
50) Toluene-d8	8.634	98	329734	48.950	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.900%		
62) 4-Bromofluorobenzene	11.061	95	138408	54.140	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.280%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.337	101	47429	30.088	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	1907	0.893	ug/l	88
44) Trichloroethene	7.110	130	81029	38.792	ug/l	97
64) Tetrachloroethene	9.262	164	7033	3.649	ug/l	95

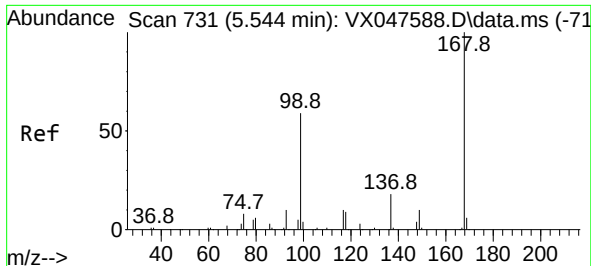
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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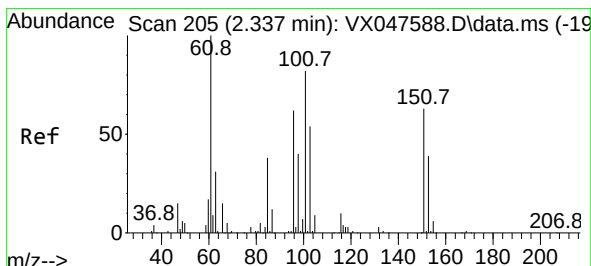
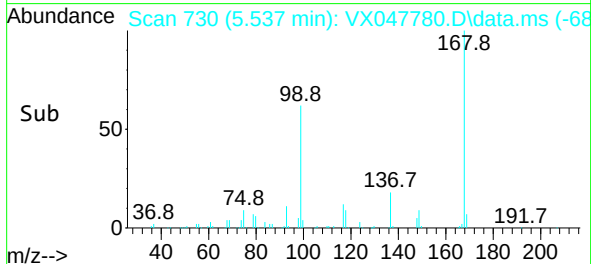
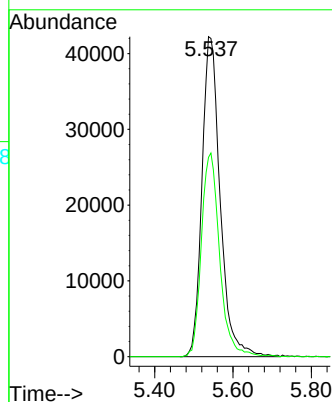
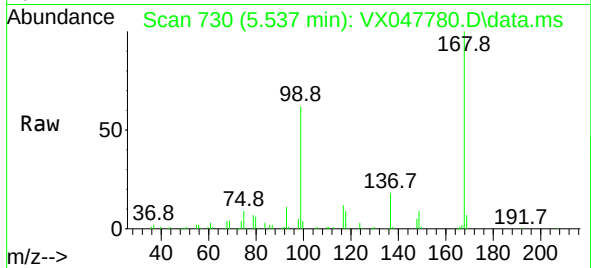




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

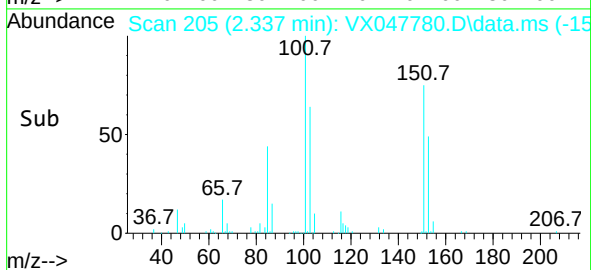
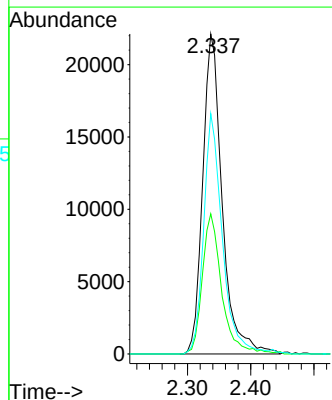
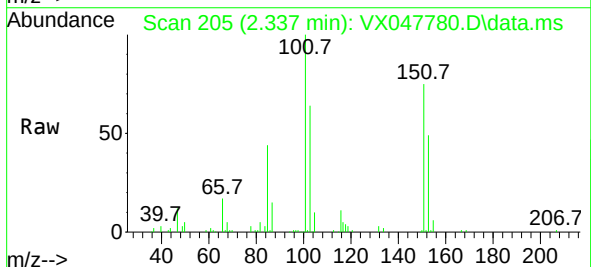
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250915DL

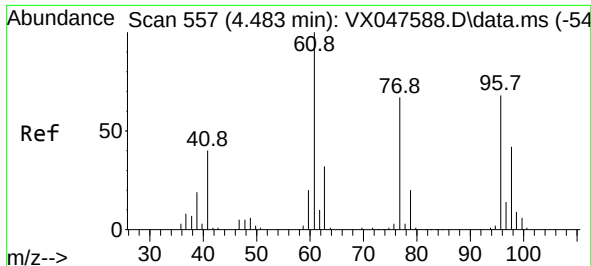
Tgt Ion:168 Resp: 136285
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.088 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

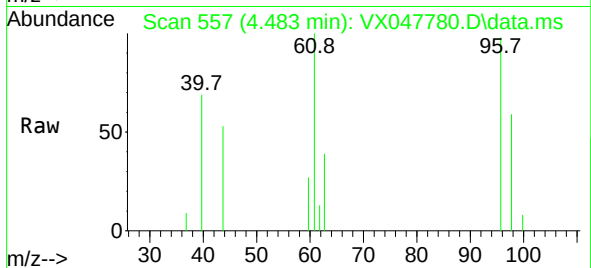
Tgt Ion:101 Resp: 47429
Ion Ratio Lower Upper
101 100
85 43.7 35.5 53.3
151 72.3 59.4 89.0





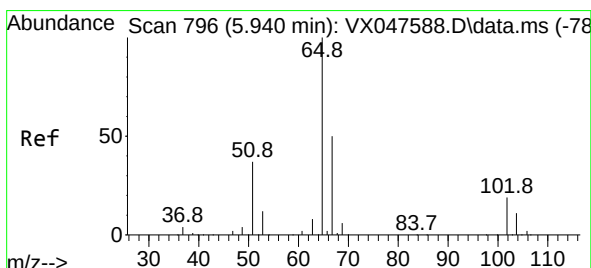
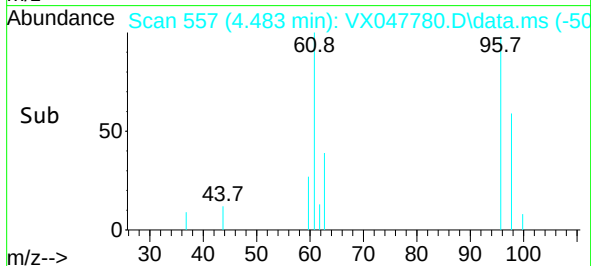
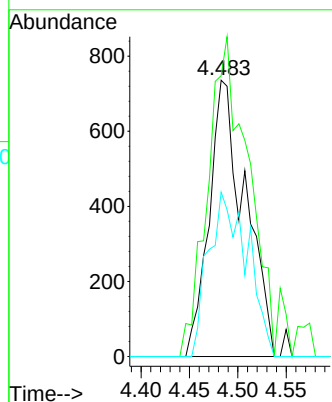
#27
cis-1,2-Dichloroethene
Concen: 0.893 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250915DL



Tgt Ion: 96 Resp: 1907

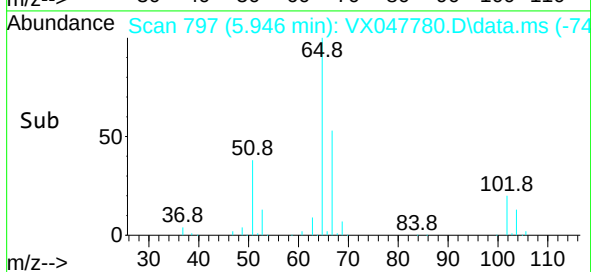
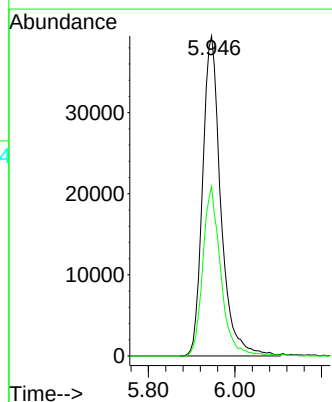
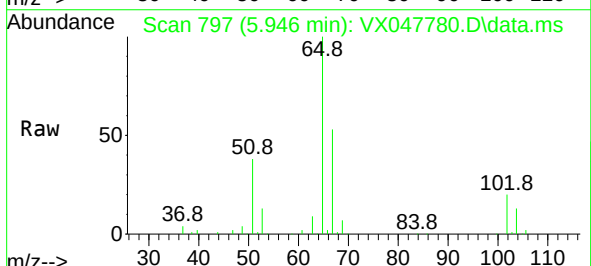
Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	303.2
98	64.2	0.0	127.8

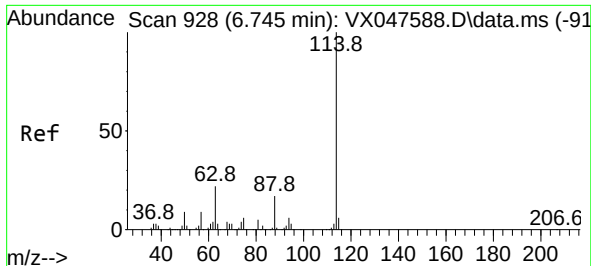


#33
1,2-Dichloroethane-d4
Concen: 53.109 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

Tgt Ion: 65 Resp: 115211

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0

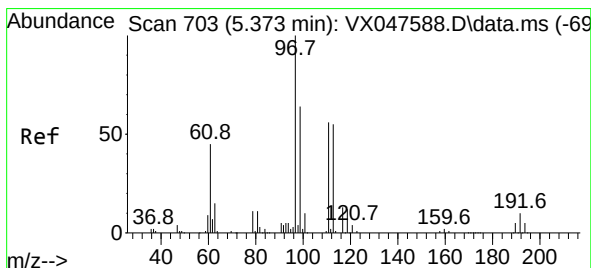
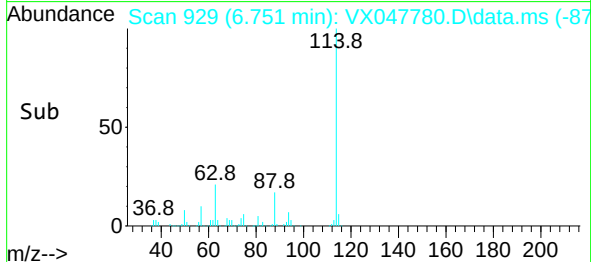
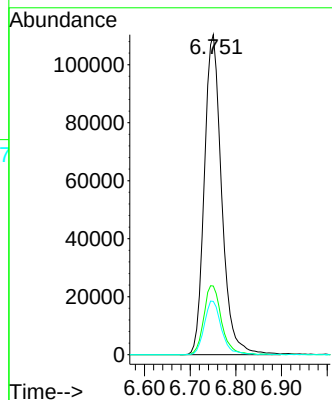
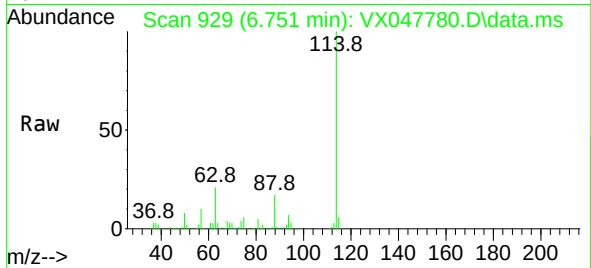




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

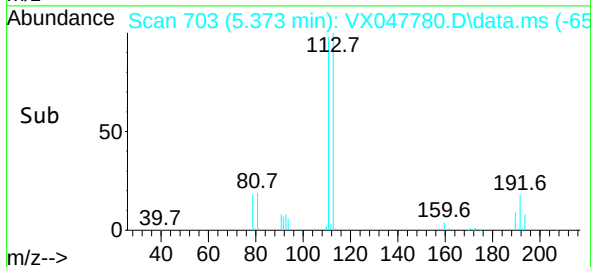
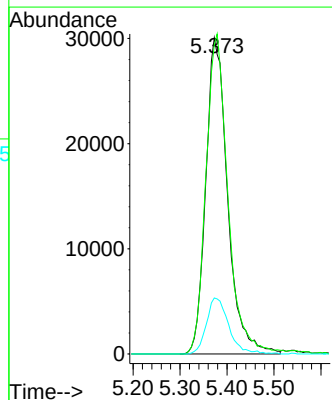
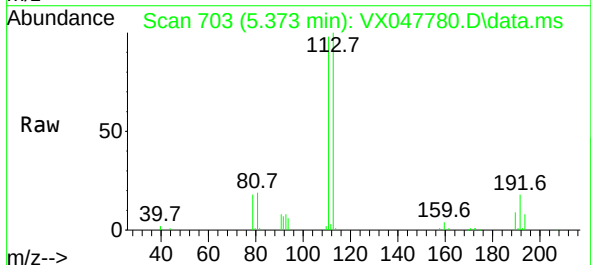
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250915DL

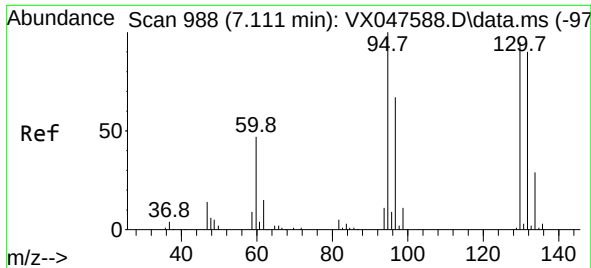
Tgt Ion:114 Resp: 290275
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.908 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

Tgt Ion:113 Resp: 97159
Ion Ratio Lower Upper
113 100
111 101.2 80.9 121.3
192 18.1 14.2 21.4

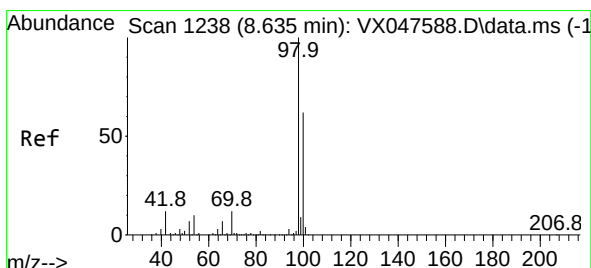
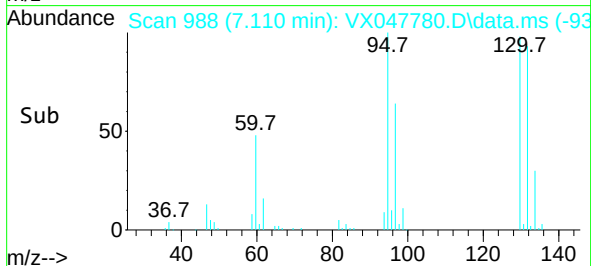
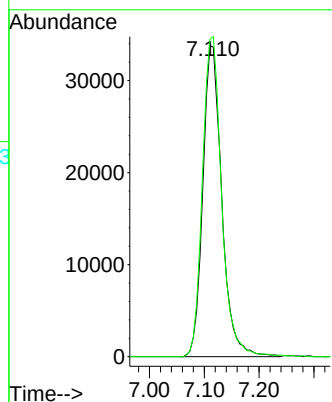
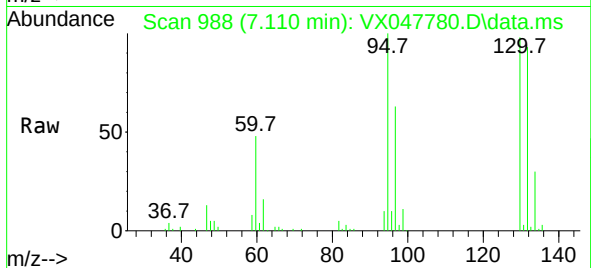




#44
Trichloroethene
Concen: 38.792 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

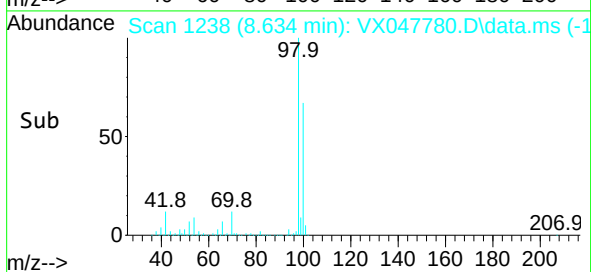
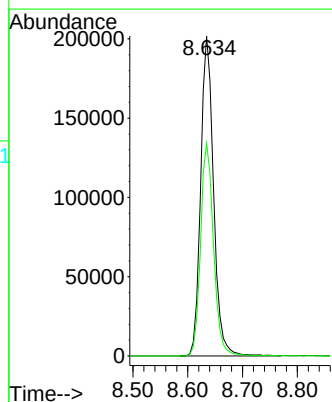
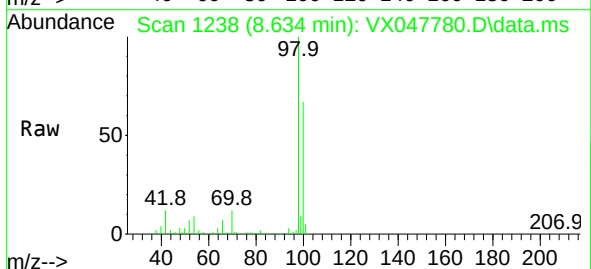
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250915DL

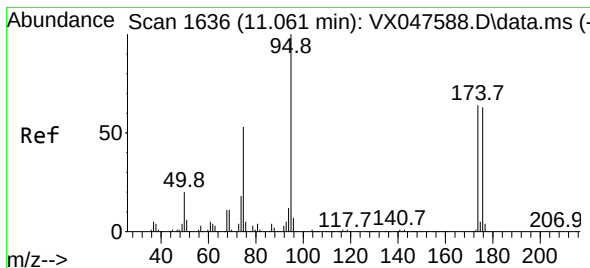
Tgt Ion:130 Resp: 81029
Ion Ratio Lower Upper
130 100
95 102.0 0.0 210.8



#50
Toluene-d8
Concen: 48.950 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

Tgt Ion: 98 Resp: 329734
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 54.140 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047780.D

Acq: 24 Sep 2025 16:46

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20250915DL

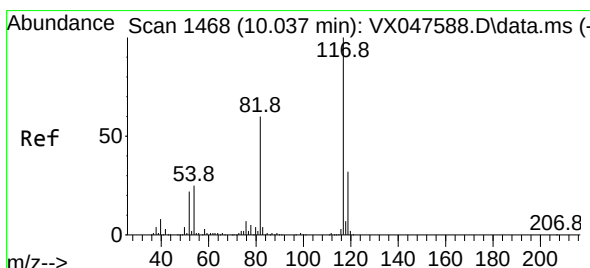
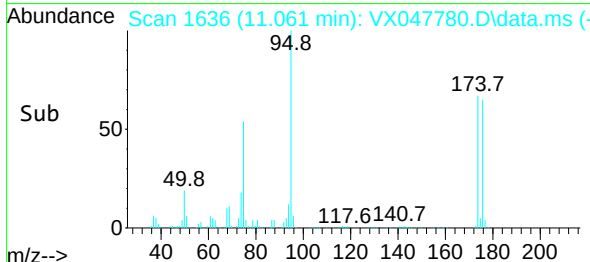
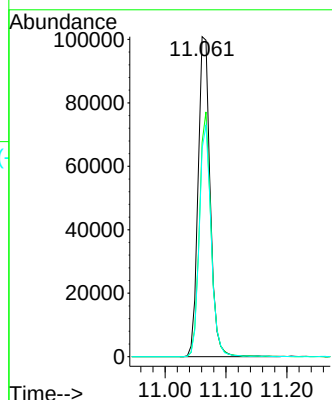
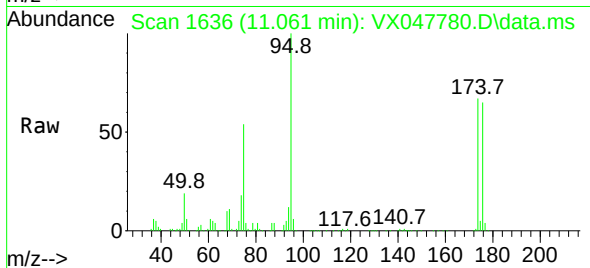
Tgt Ion: 95 Resp: 138408

Ion Ratio Lower Upper

95 100

174 73.2 0.0 141.6

176 70.9 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: VX047780.D

Acq: 24 Sep 2025 16:46

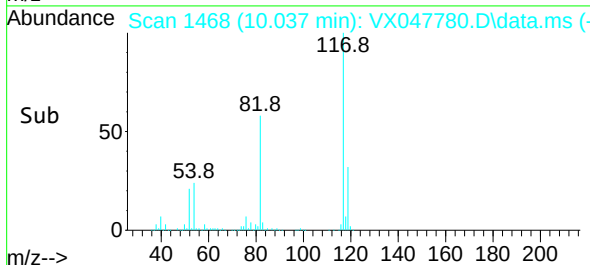
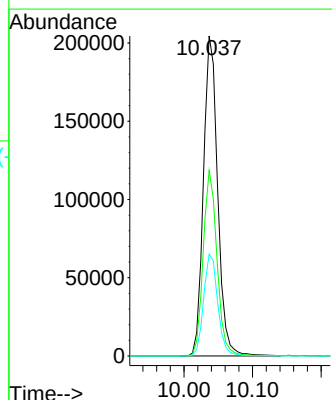
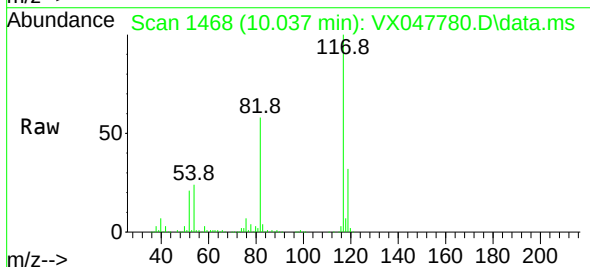
Tgt Ion: 117 Resp: 295686

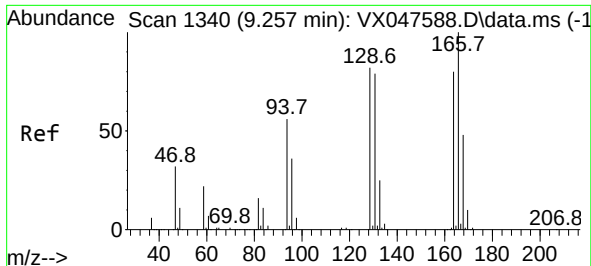
Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.6

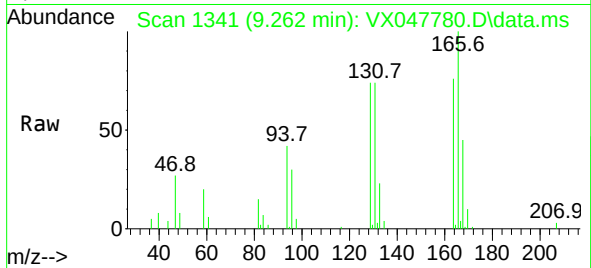
119 31.9 25.2 37.8



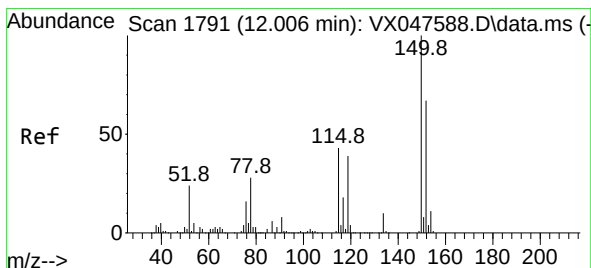
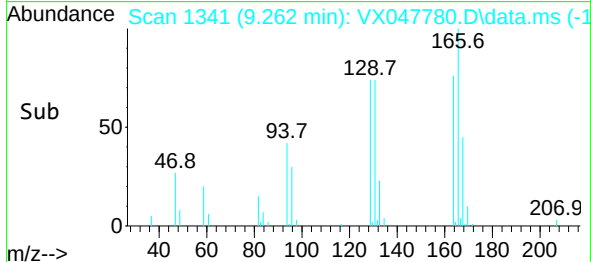
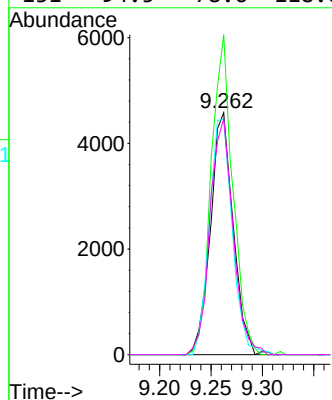


#64
Tetrachloroethene
Concen: 3.649 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047780.D
Acq: 24 Sep 2025 16:46

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250915DL



Tgt	Ion:164	Resp:	7033
Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.2	150.2
129	94.3	81.8	122.6
131	94.5	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: VX047780.D
Acq: 24 Sep 2025 16:46

Tgt	Ion:152	Resp:	149631
Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.9	134.5
150	155.8	0.0	352.0

