

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047677.D
 Acq On : 19 Sep 2025 15:36
 Operator : JC/MD
 Sample : Q3097-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20250911

Quant Time: Sep 20 00:33:37 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)

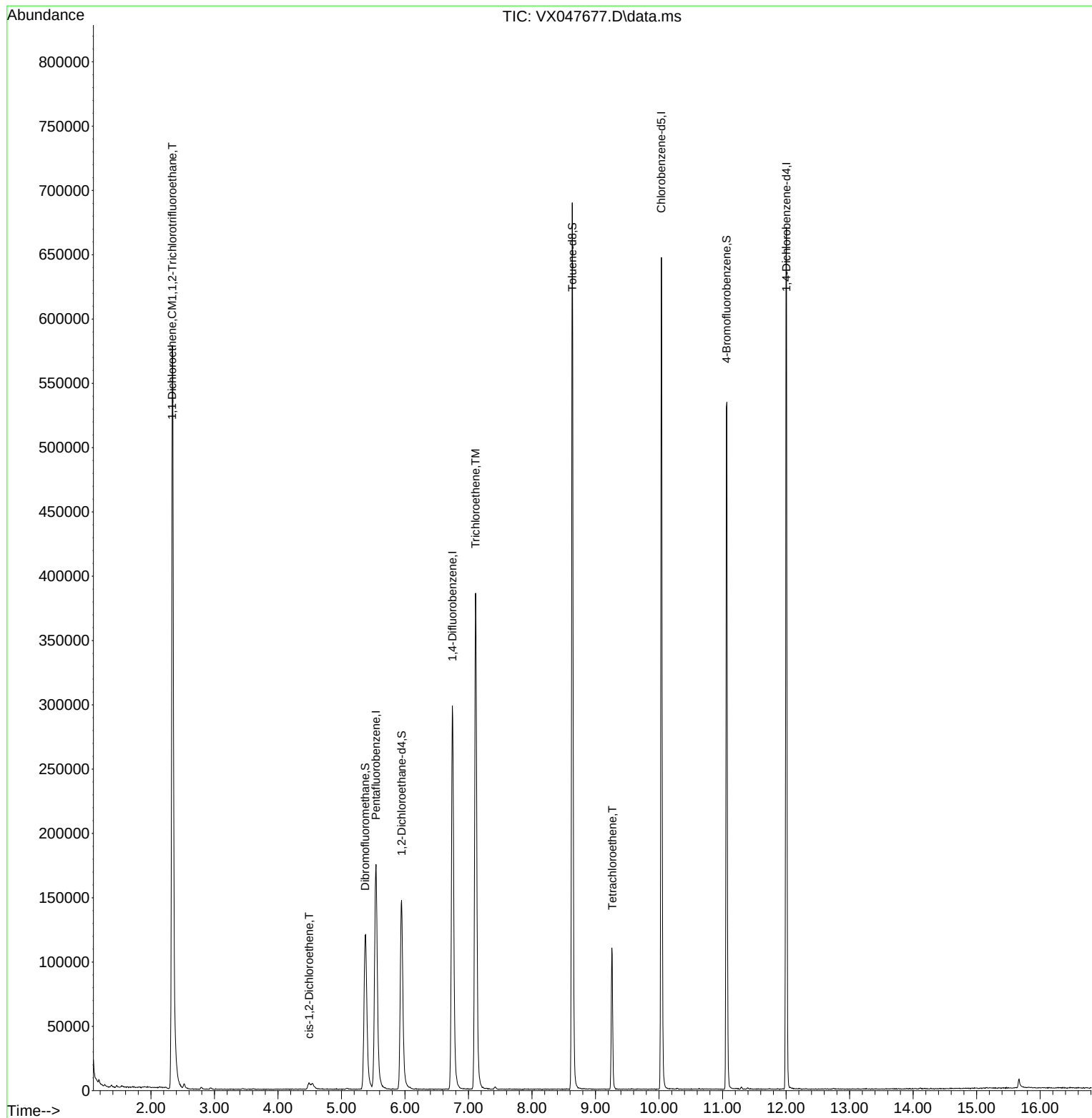
Internal Standards						
1) Pentafluorobenzene	5.544	168	174878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	323460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	158730	57.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.040%	
35) Dibromofluoromethane	5.373	113	119240	54.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.940%	
50) Toluene-d8	8.635	98	413988	55.153	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.300%	
62) 4-Bromofluorobenzene	11.061	95	157955	55.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.900%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	272046	134.496	ug/l	98
12) 1,1-Dichloroethene	2.331	96	1913	0.921	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	3402	1.242	ug/l	96
44) Trichloroethene	7.110	130	160446	68.931	ug/l	95
64) Tetrachloroethene	9.262	164	21859	11.369	ug/l	95

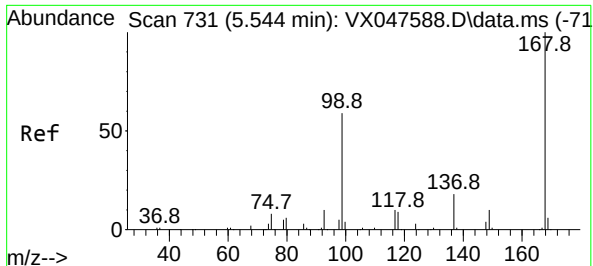
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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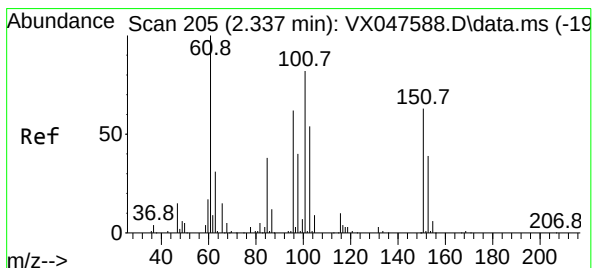
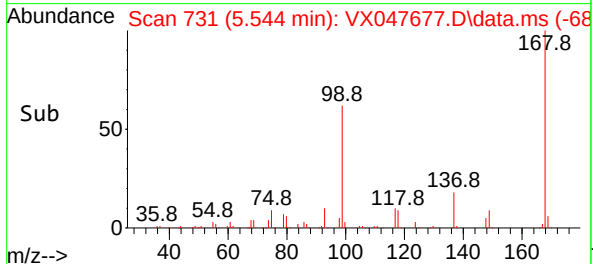
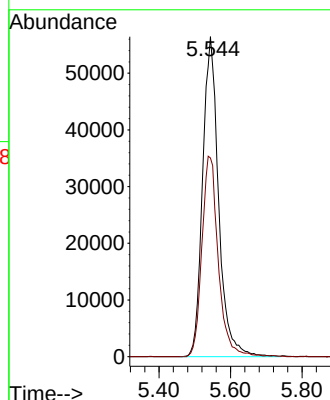
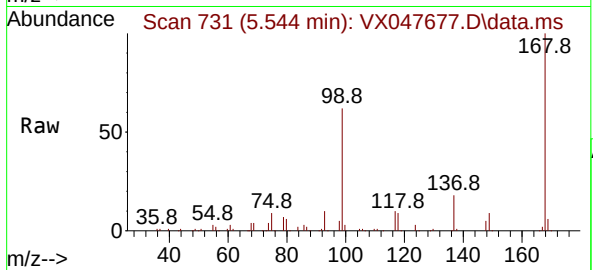




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047677.D
Acq: 19 Sep 2025 15:36

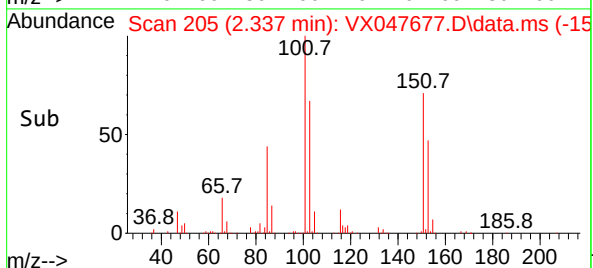
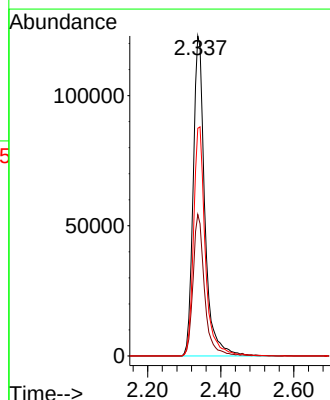
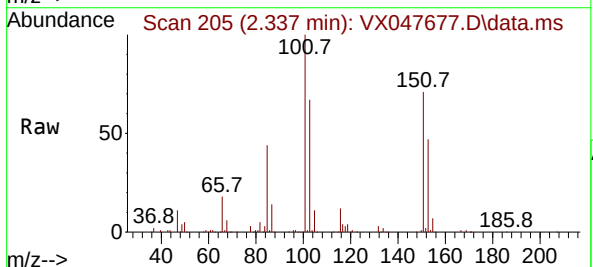
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20250911

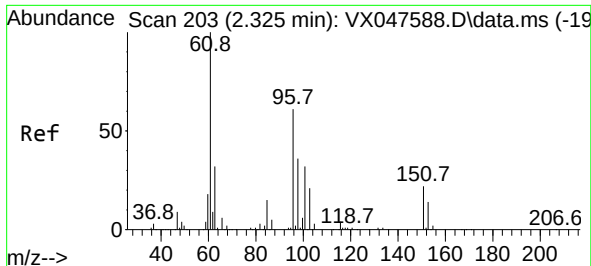
Tgt Ion:168 Resp: 174878
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 134.496 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047677.D
Acq: 19 Sep 2025 15:36

Tgt Ion:101 Resp: 272046
Ion Ratio Lower Upper
101 100
85 43.8 35.5 53.3
151 72.5 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.921 ug/l

RT: 2.331 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX047677.D

Acq: 19 Sep 2025 15:36

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20250911

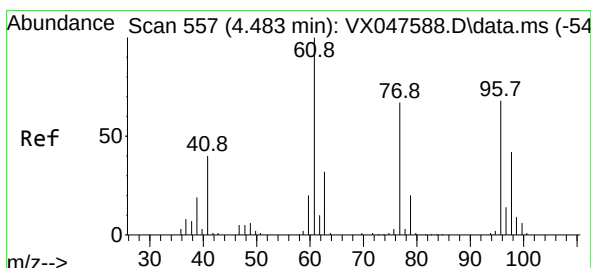
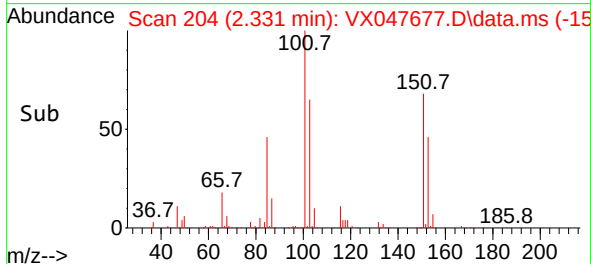
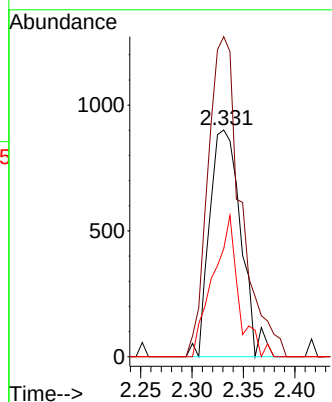
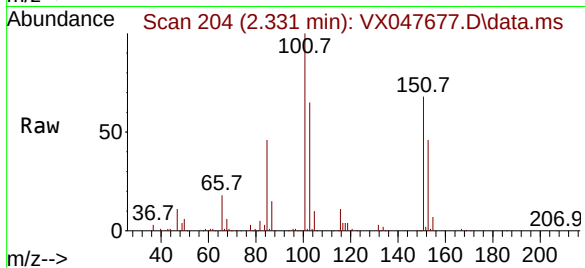
Tgt Ion: 96 Resp: 1913

Ion Ratio Lower Upper

96 100

61 141.2 131.0 196.6

98 47.6 47.7 71.5#



#27

cis-1,2-Dichloroethene

Concen: 1.242 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX047677.D

Acq: 19 Sep 2025 15:36

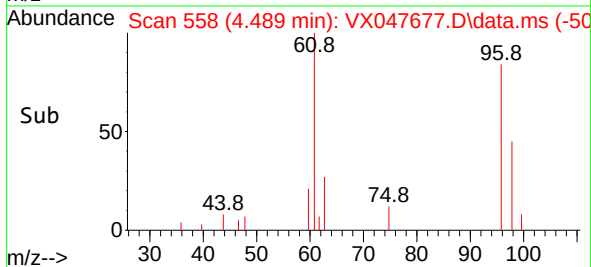
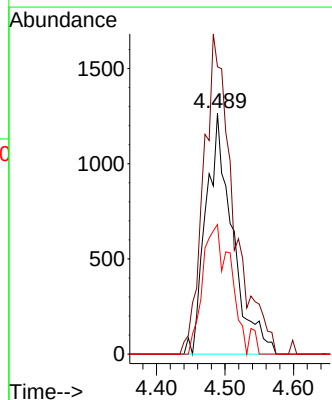
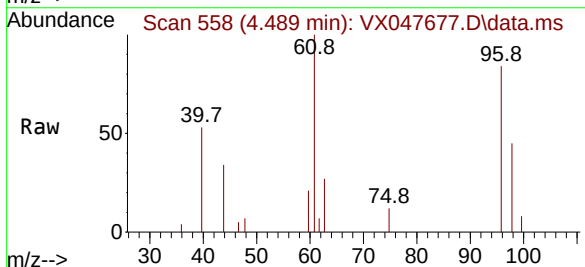
Tgt Ion: 96 Resp: 3402

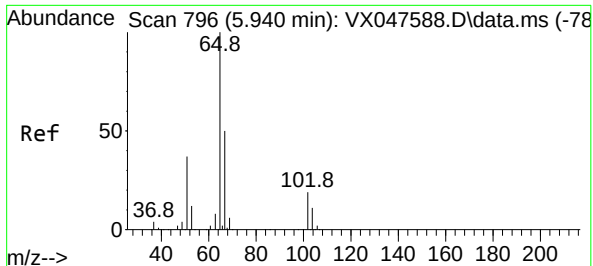
Ion Ratio Lower Upper

96 100

61 149.1 0.0 303.2

98 56.2 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 57.023 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047677.D

Acq: 19 Sep 2025 15:36

Instrument :

MSVOA_X

ClientSampleId :

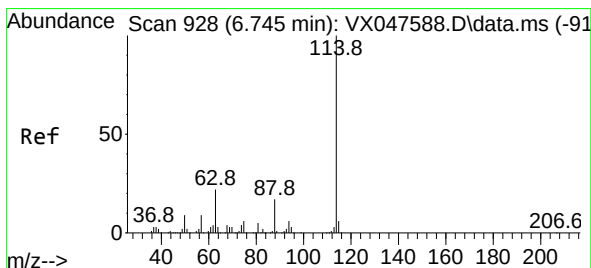
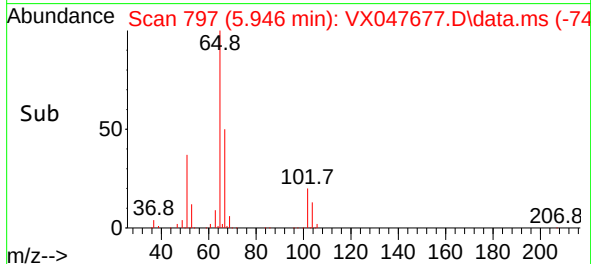
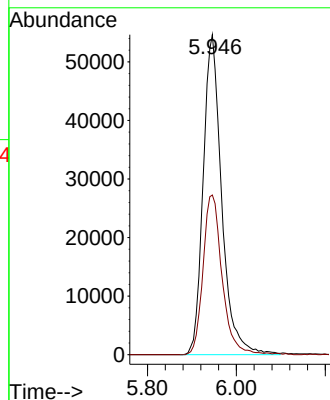
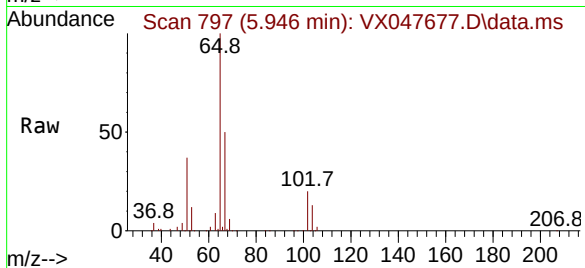
RE125D3-20250911

Tgt Ion: 65 Resp: 158730

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047677.D

Acq: 19 Sep 2025 15:36

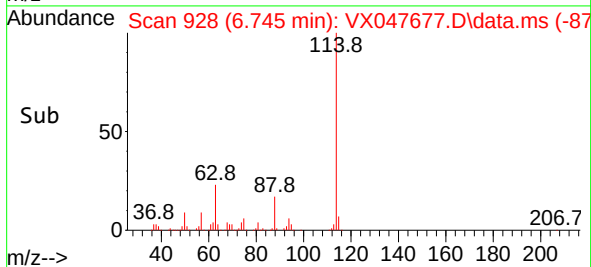
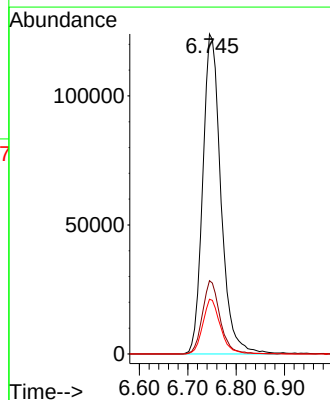
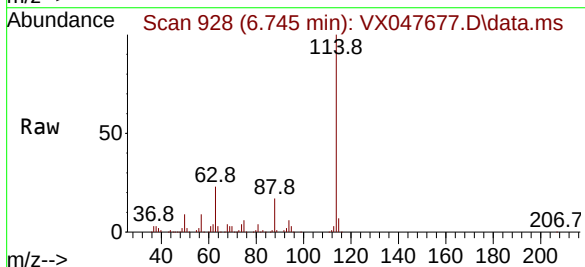
Tgt Ion: 114 Resp: 323460

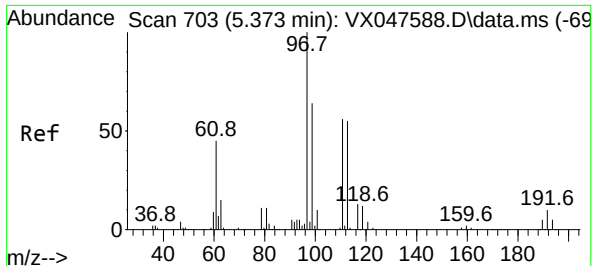
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.0

88 17.1 0.0 34.2

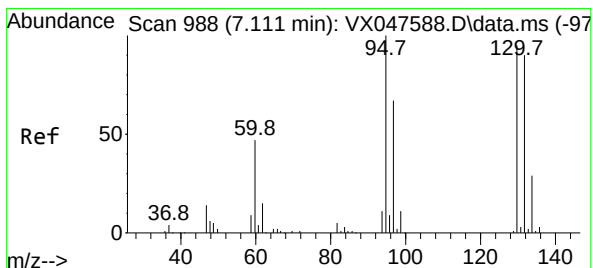
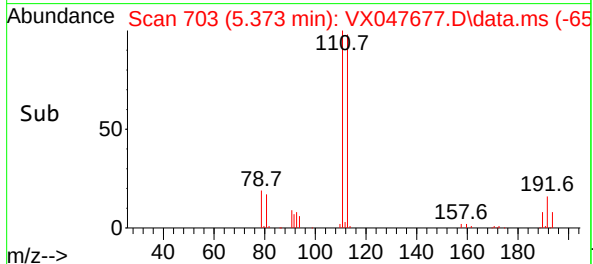
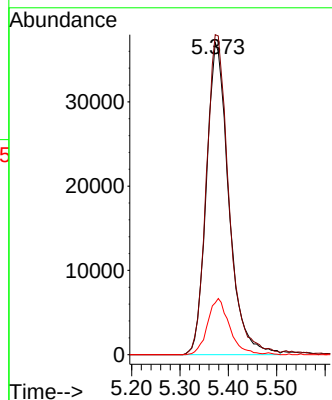
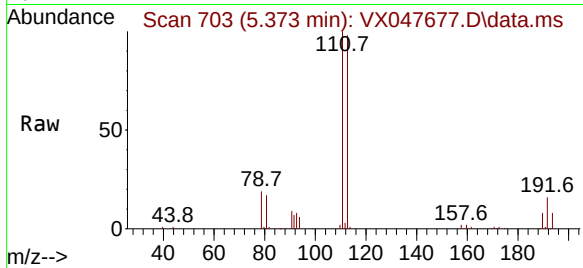




#35
Dibromofluoromethane
Concen: 54.967 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047677.D
Acq: 19 Sep 2025 15:36

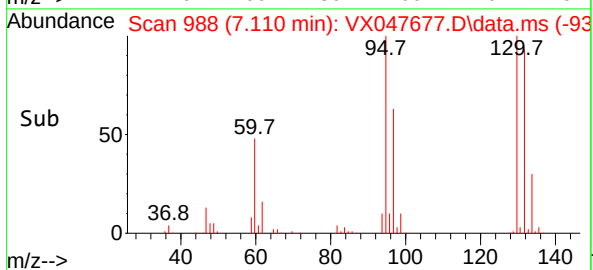
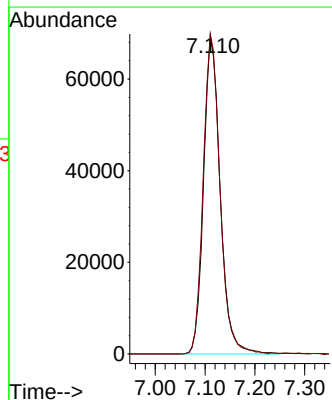
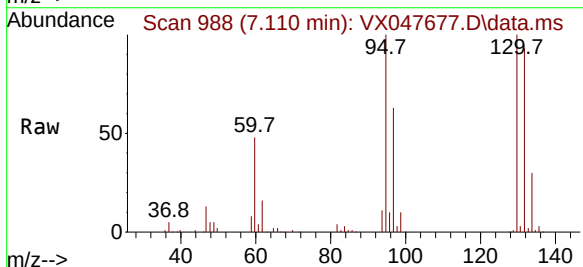
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20250911

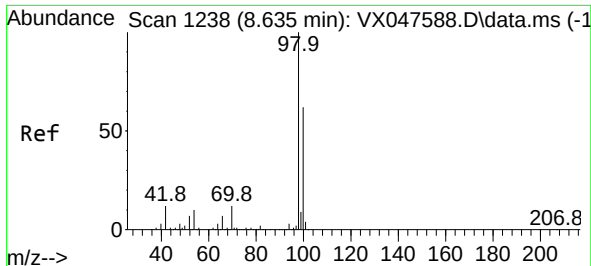
Tgt Ion:113 Resp: 119240
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 17.6 14.2 21.4



#44
Trichloroethene
Concen: 68.931 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047677.D
Acq: 19 Sep 2025 15:36

Tgt Ion:130 Resp: 160446
Ion Ratio Lower Upper
130 100
95 100.4 0.0 210.8

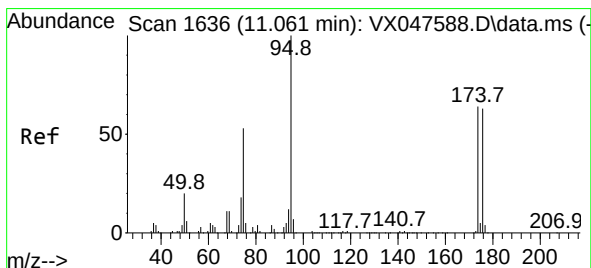
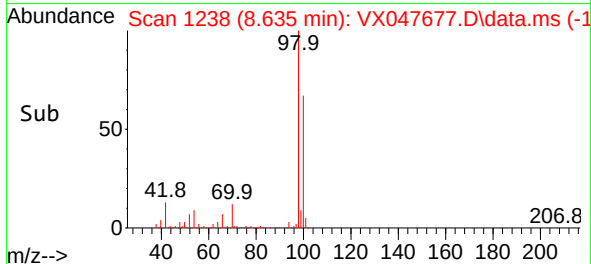
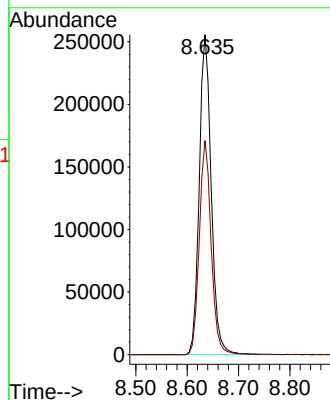
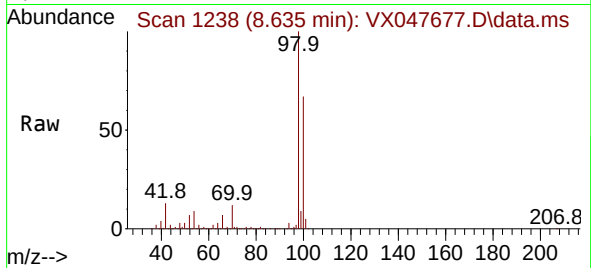




#50
Toluene-d8
Concen: 55.153 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047677.D
Acq: 19 Sep 2025 15:36

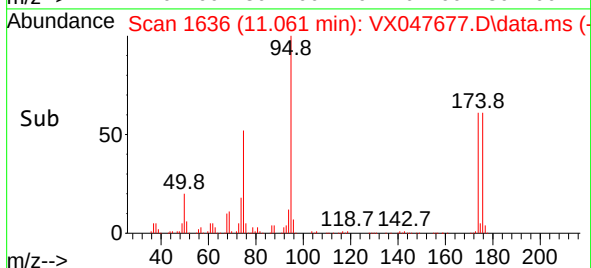
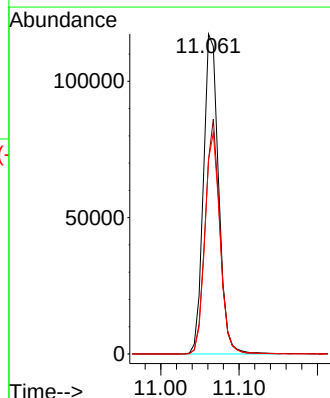
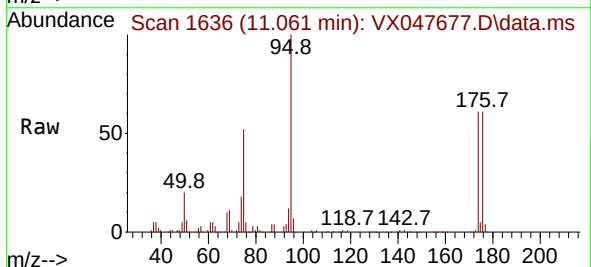
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20250911

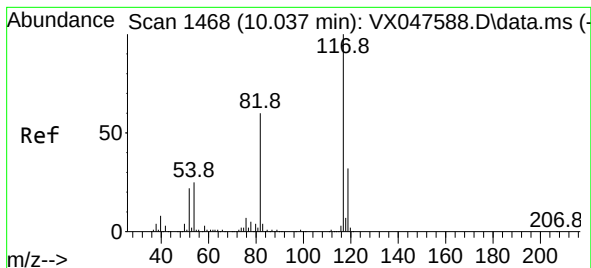
Tgt Ion: 98 Resp: 413988
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.447 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047677.D
Acq: 19 Sep 2025 15:36

Tgt Ion: 95 Resp: 157955
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.6
176 68.7 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: VX047677.D

Acq: 19 Sep 2025 15:36

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20250911

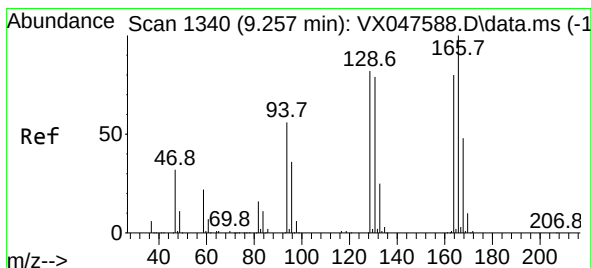
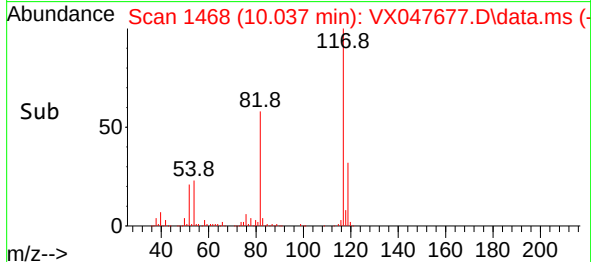
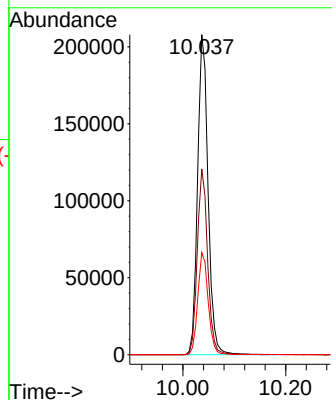
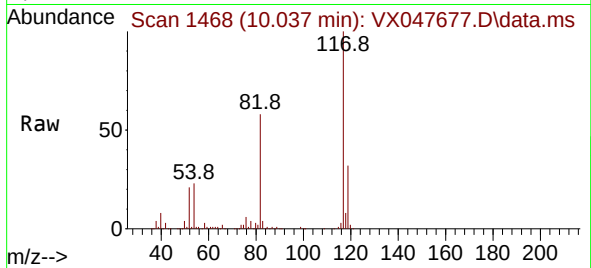
Tgt Ion:117 Resp: 294926

Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.6

119 31.9 25.2 37.8



#64

Tetrachloroethene

Concen: 11.369 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047677.D

Acq: 19 Sep 2025 15:36

Tgt Ion:164 Resp: 21859

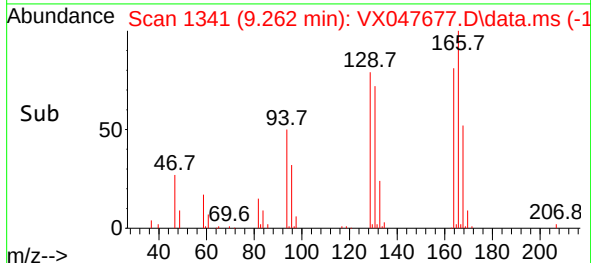
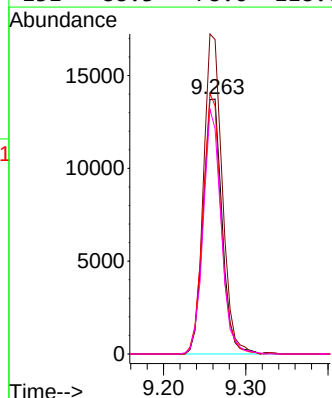
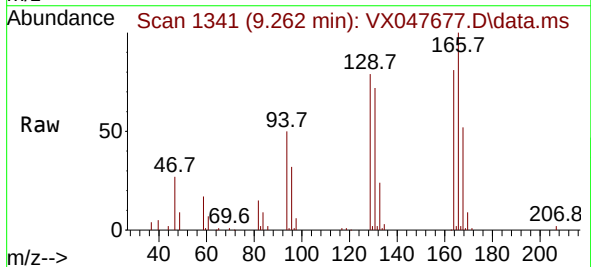
Ion Ratio Lower Upper

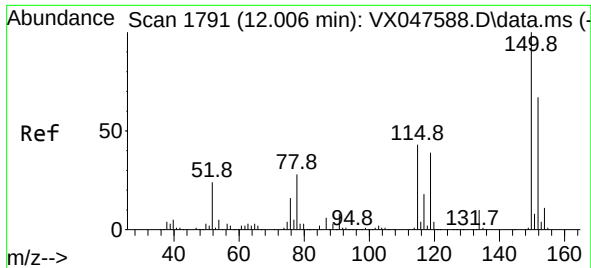
164 100

166 123.3 100.2 150.2

129 97.4 81.8 122.6

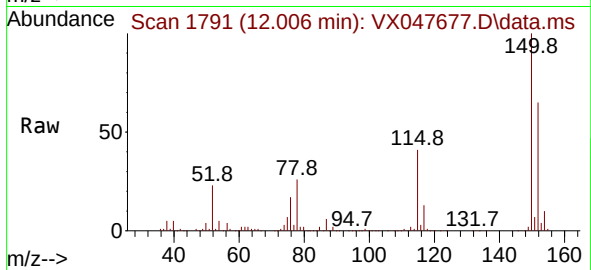
131 88.3 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047677.D
 Acq: 19 Sep 2025 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20250911



Tgt Ion:152 Resp: 143358
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.9 134.5
 150 155.9 0.0 352.0

