

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047693.D
 Acq On : 22 Sep 2025 11:21
 Operator : JC/MD
 Sample : Q3097-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20250911DL

Quant Time: Sep 23 01:30:16 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)

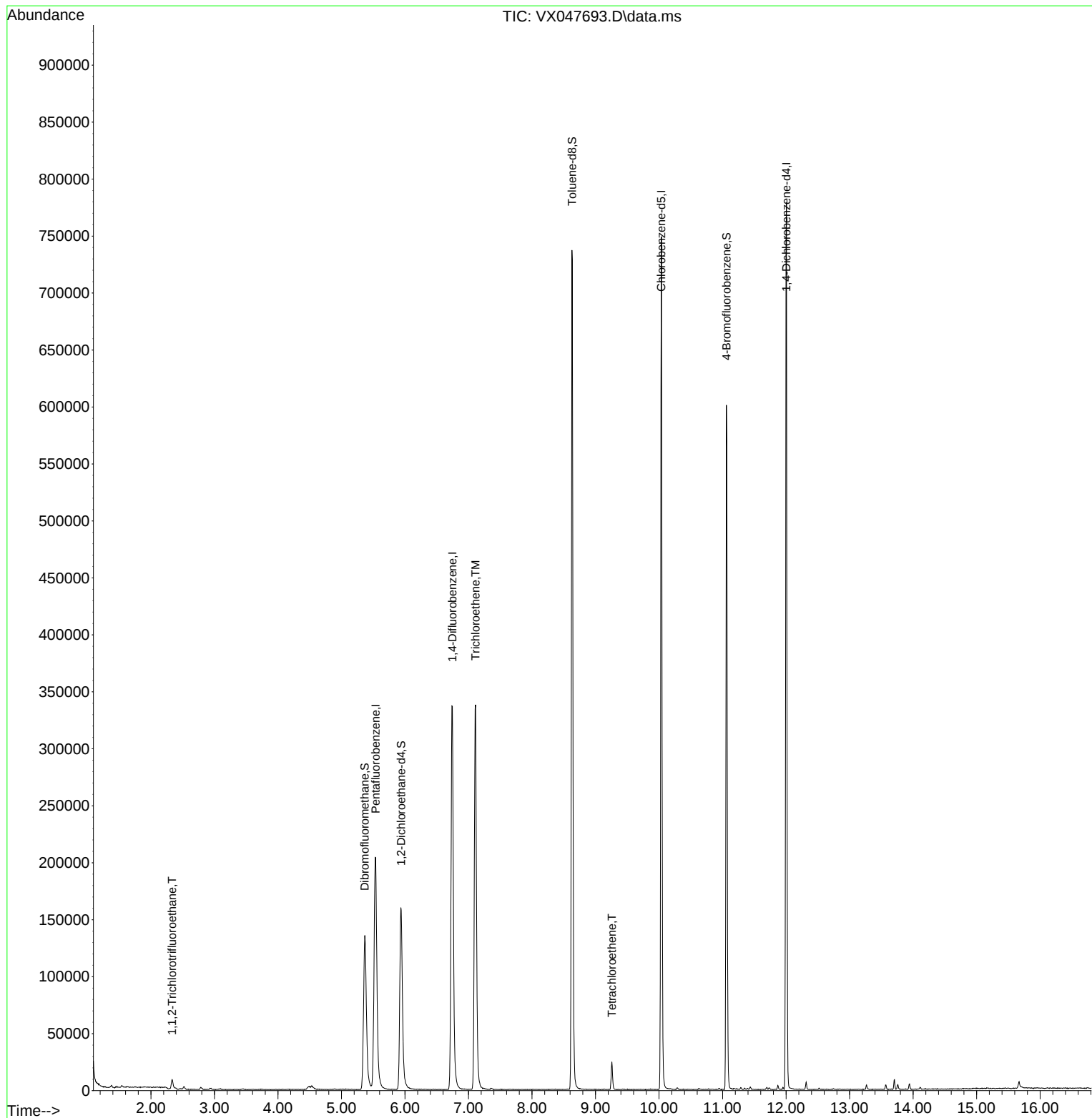
Internal Standards						
1) Pentafluorobenzene	5.538	168	210054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	374235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	336300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	174560	52.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.420%	
35) Dibromofluoromethane	5.367	113	131212	52.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.560%	
50) Toluene-d8	8.629	98	457155	52.640	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.280%	
62) 4-Bromofluorobenzene	11.061	95	174373	52.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.820%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	3008	1.238	ug/l	95
44) Trichloroethene	7.110	130	144794	53.767	ug/l	95
64) Tetrachloroethene	9.256	164	4669	2.130	ug/l	97

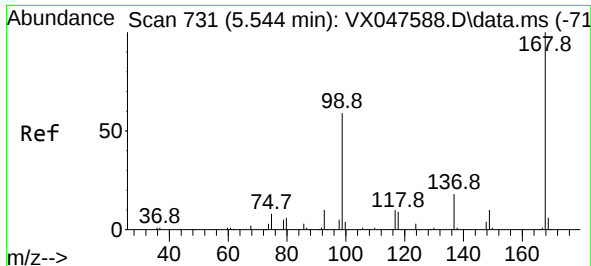
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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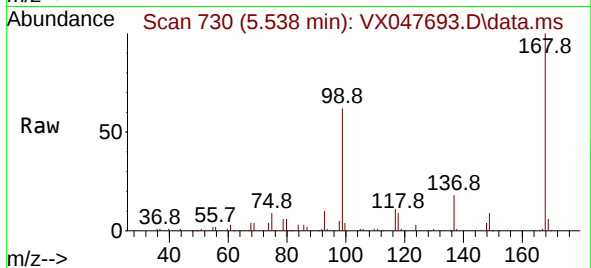
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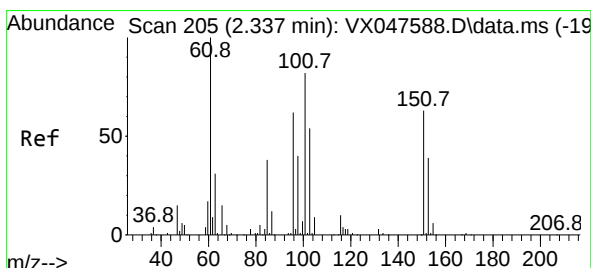
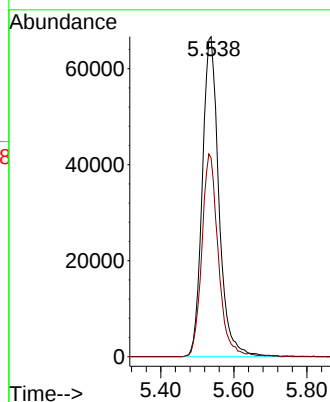
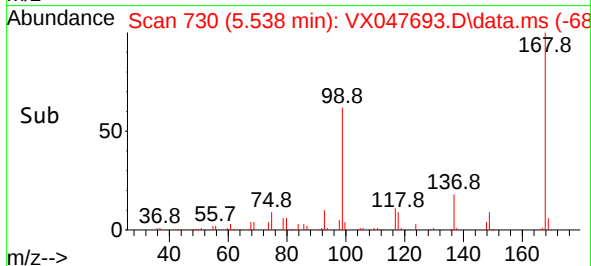


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047693.D
Acq: 22 Sep 2025 11:21

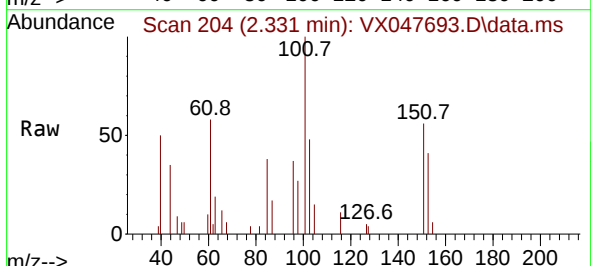
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20250911DL



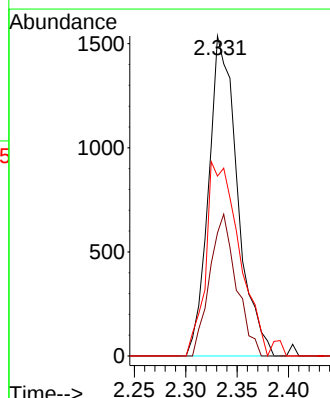
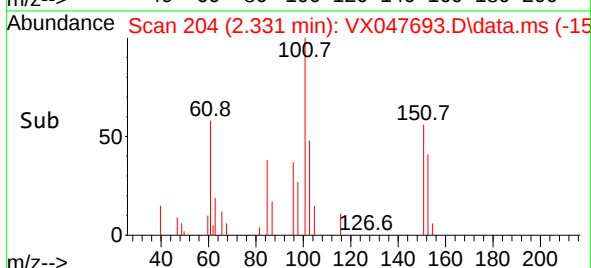
Tgt Ion:168 Resp: 210054
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2

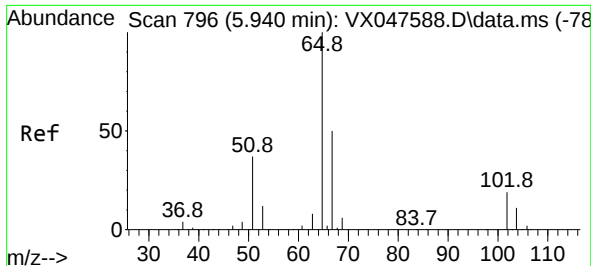


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.238 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047693.D
Acq: 22 Sep 2025 11:21



Tgt Ion:101 Resp: 3008
Ion Ratio Lower Upper
101 100
85 40.9 35.5 53.3
151 70.0 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 52.208 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047693.D

Acq: 22 Sep 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

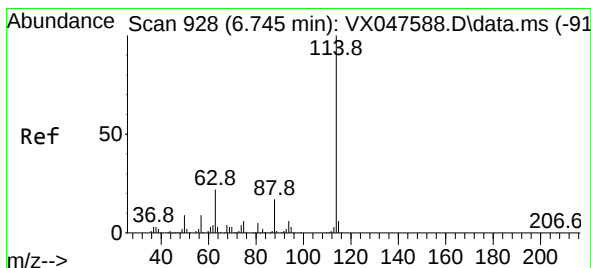
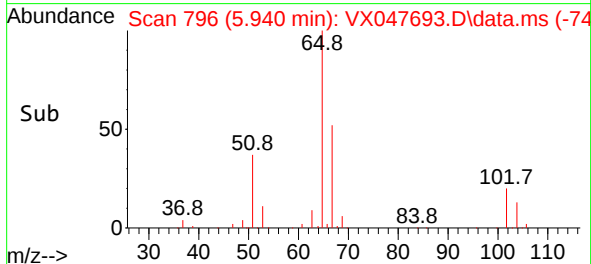
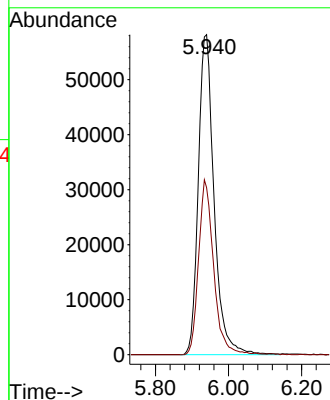
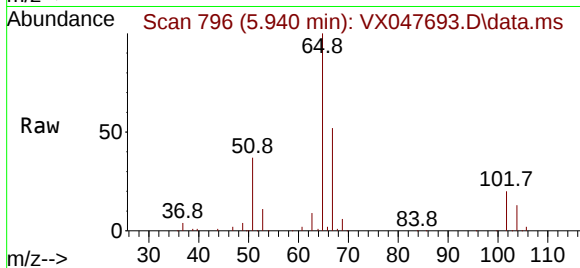
RE125D2-20250911DL

Tgt Ion: 65 Resp: 174560

Ion Ratio Lower Upper

65 100

67 52.2 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: VX047693.D

Acq: 22 Sep 2025 11:21

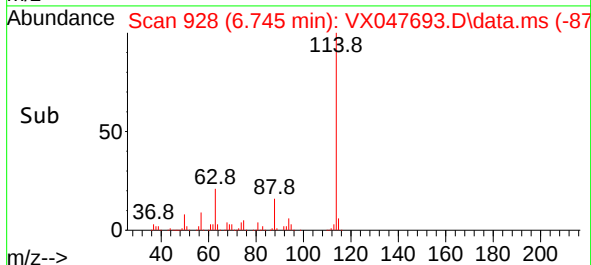
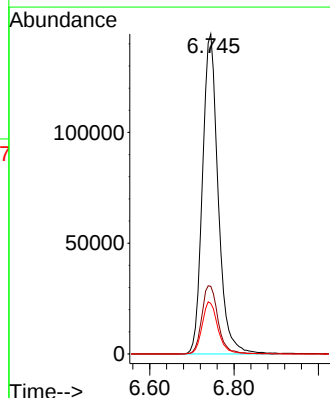
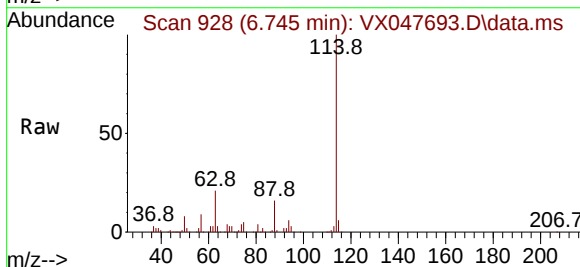
Tgt Ion: 114 Resp: 374235

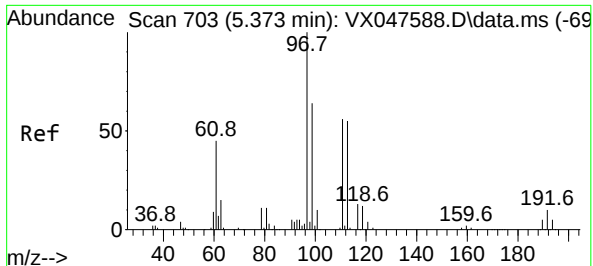
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 15.8 0.0 34.2

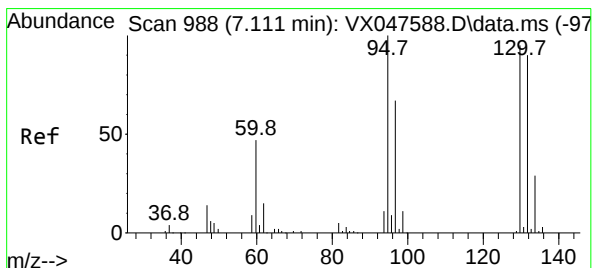
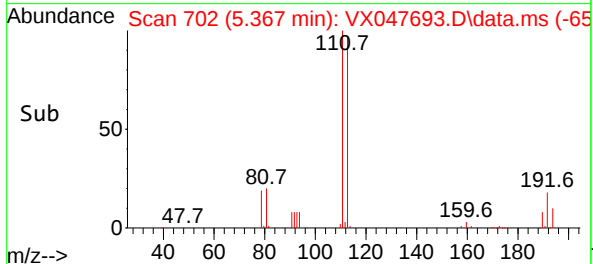
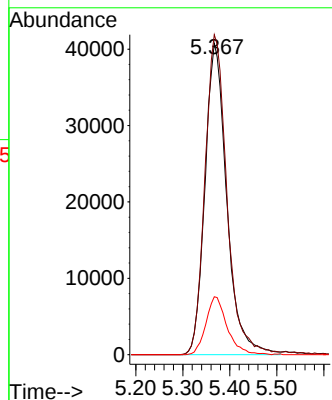
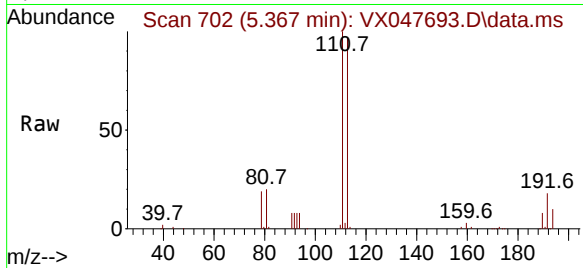




#35
Dibromofluoromethane
Concen: 52.279 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX047693.D
Acq: 22 Sep 2025 11:21

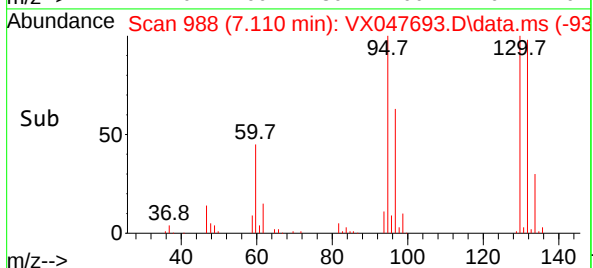
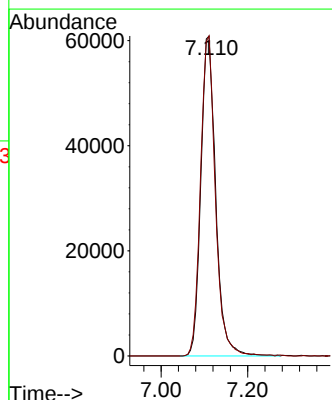
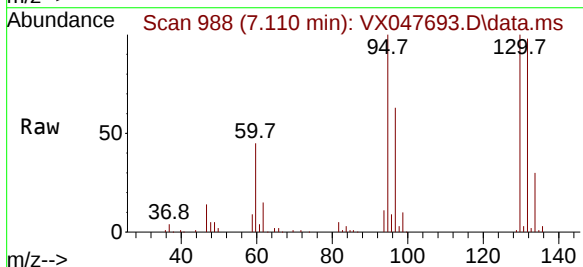
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20250911DL

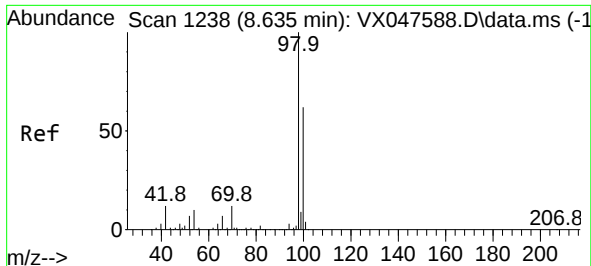
Tgt Ion:113 Resp: 131212
Ion Ratio Lower Upper
113 100
111 104.0 80.9 121.3
192 18.1 14.2 21.4



#44
Trichloroethene
Concen: 53.767 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047693.D
Acq: 22 Sep 2025 11:21

Tgt Ion:130 Resp: 144794
Ion Ratio Lower Upper
130 100
95 100.1 0.0 210.8

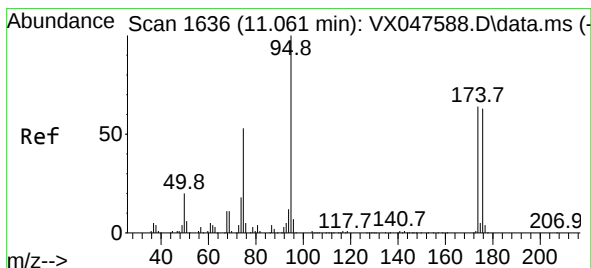
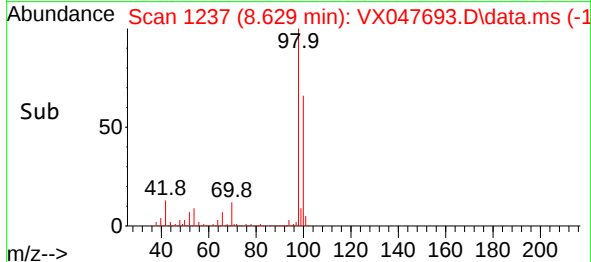
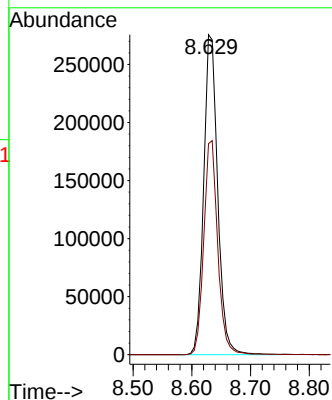
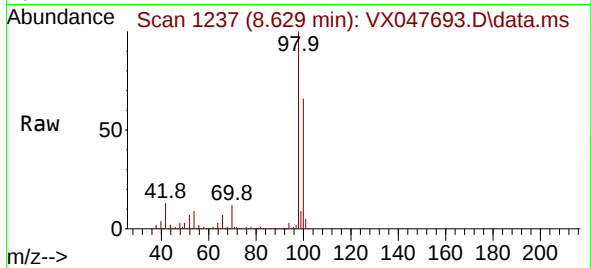




#50
Toluene-d8
Concen: 52.640 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047693.D
Acq: 22 Sep 2025 11:21

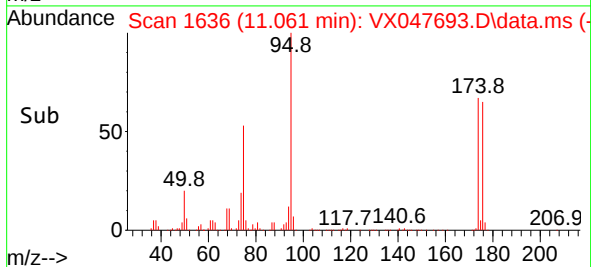
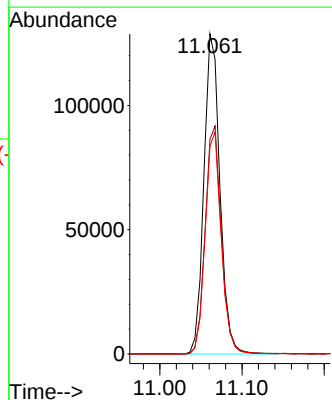
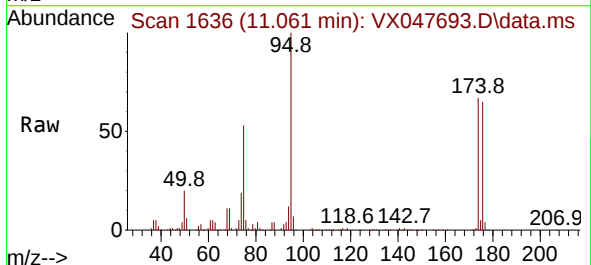
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20250911DL

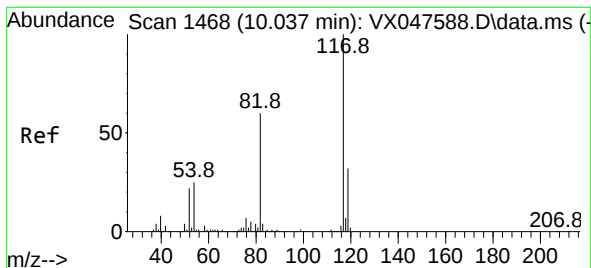
Tgt Ion: 98 Resp: 457155
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.906 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047693.D
Acq: 22 Sep 2025 11:21

Tgt Ion: 95 Resp: 174373
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.2 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: VX047693.D

Acq: 22 Sep 2025 11:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20250911DL

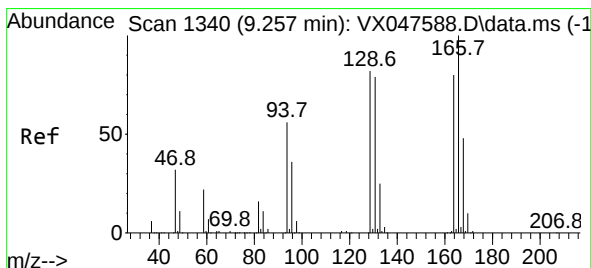
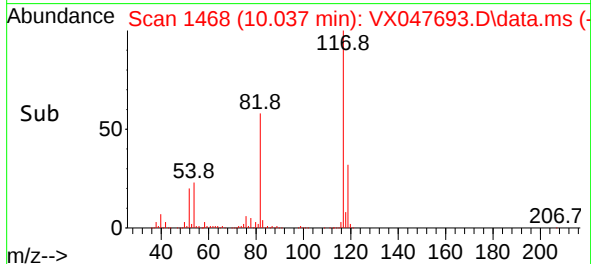
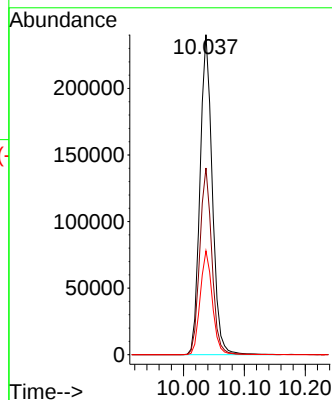
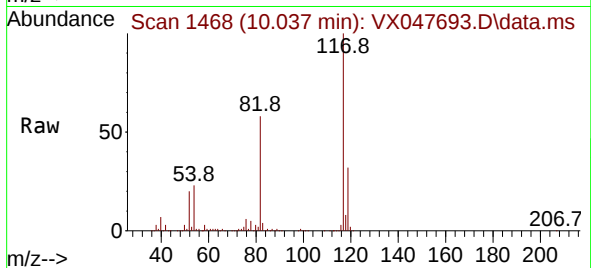
Tgt Ion:117 Resp: 336300

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.6

119 32.5 25.2 37.8



#64

Tetrachloroethene

Concen: 2.130 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047693.D

Acq: 22 Sep 2025 11:21

Tgt Ion:164 Resp: 4669

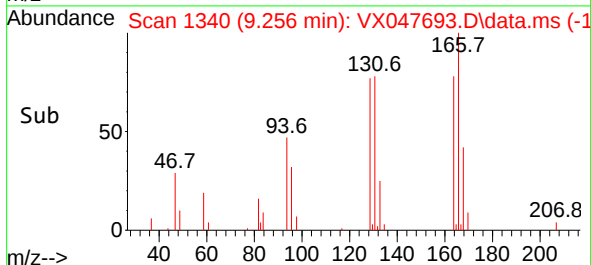
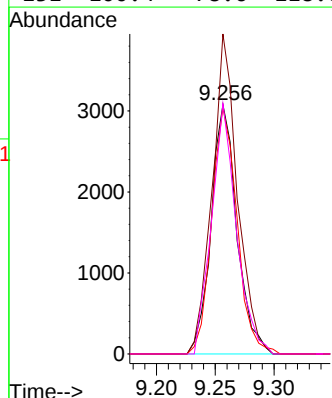
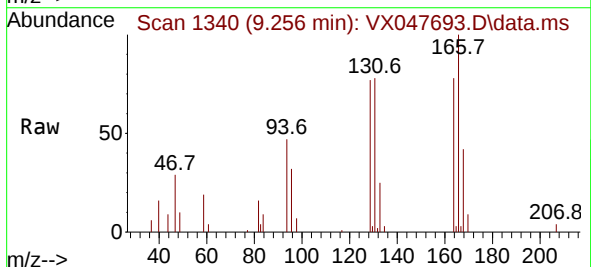
Ion Ratio Lower Upper

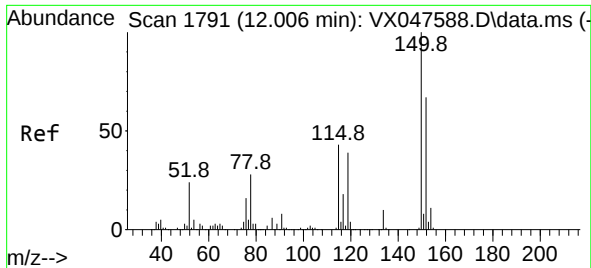
164 100

166 128.3 100.2 150.2

129 98.6 81.8 122.6

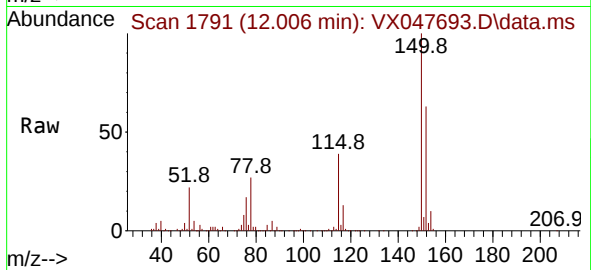
131 100.4 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047693.D
 Acq: 22 Sep 2025 11:21

Instrument :
 MSVOA_X
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 RE125D2-20250911DL



Tgt Ion:	152	Resp:	163574
Ion Ratio	Lower	Upper	
152	100		
115	62.8	44.9	134.5
150	157.0	0.0	352.0

