

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047636.D
 Acq On : 18 Sep 2025 13:37
 Operator : JC/MD
 Sample : Q3095-11DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20250909DL

Quant Time: Sep 19 01:30:37 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)

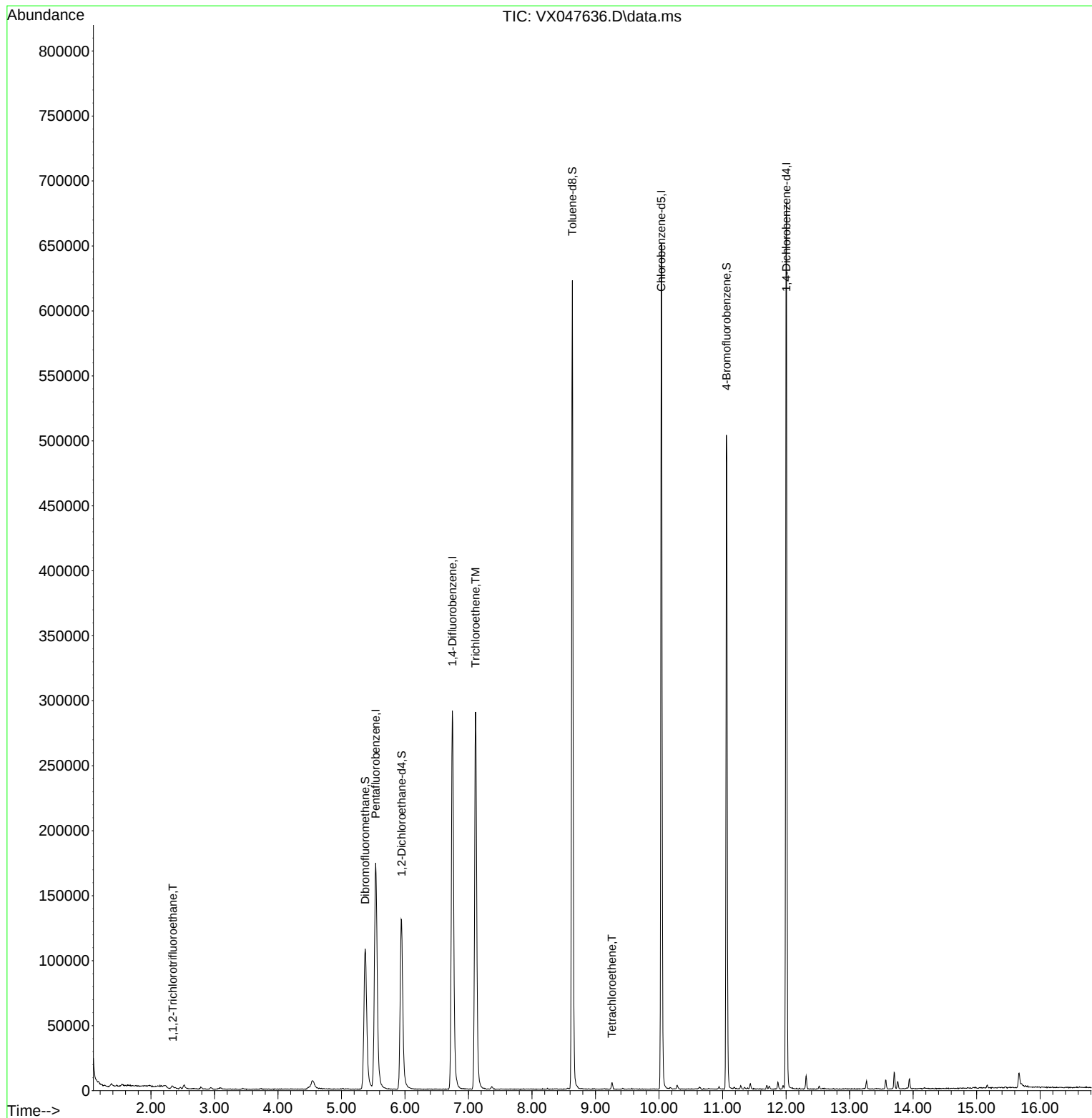
Internal Standards						
1) Pentafluorobenzene	5.538	168	174332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	317792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	143589	51.745	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.500%
35) Dibromofluoromethane	5.373	113	106906	50.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	8.635	98	373354	50.626	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.260%
62) 4-Bromofluorobenzene	11.061	95	144794	51.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.460%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.343	101	733	0.364	ug/l #	85
44) Trichloroethene	7.111	130	122156	53.417	ug/l	100
64) Tetrachloroethene	9.256	164	838	0.443	ug/l #	89

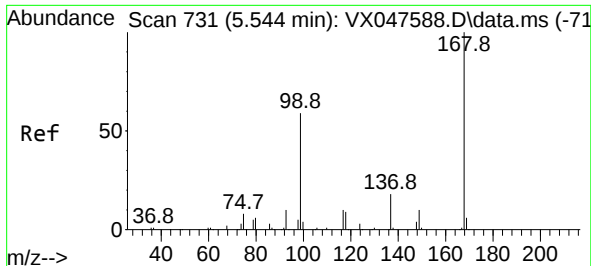
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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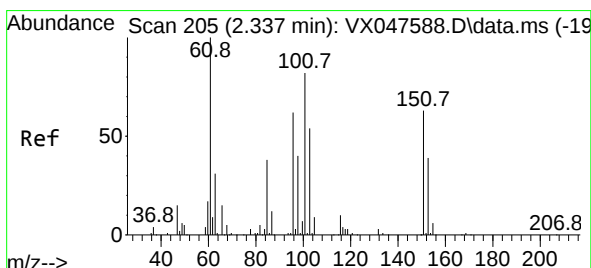
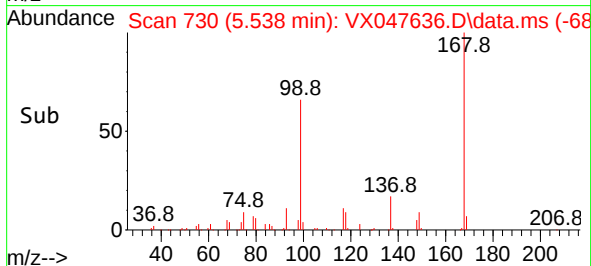
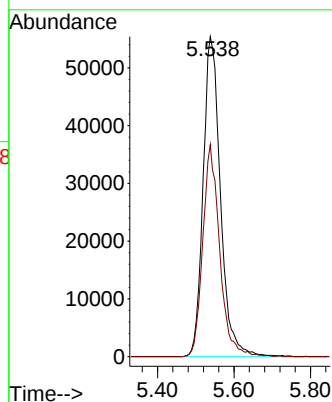
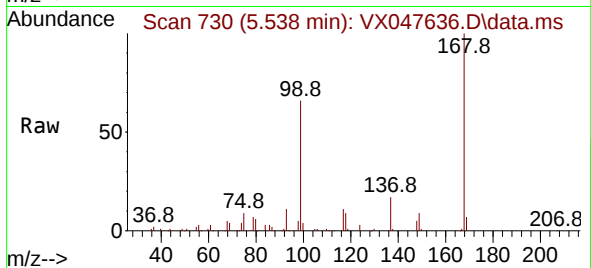




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

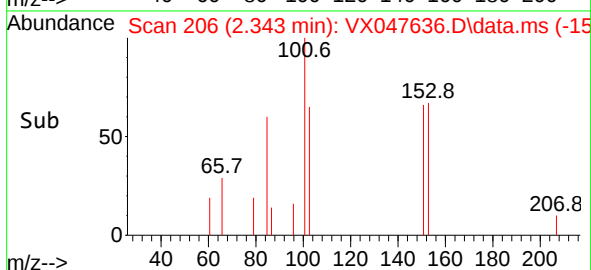
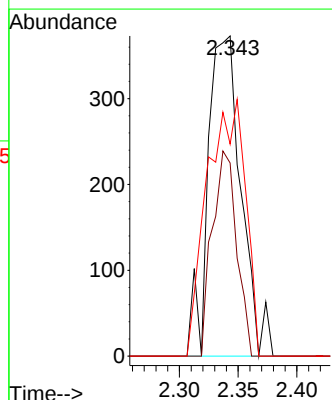
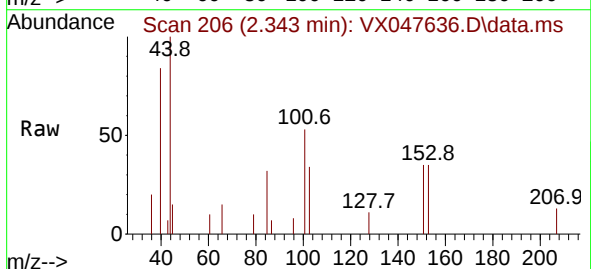
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

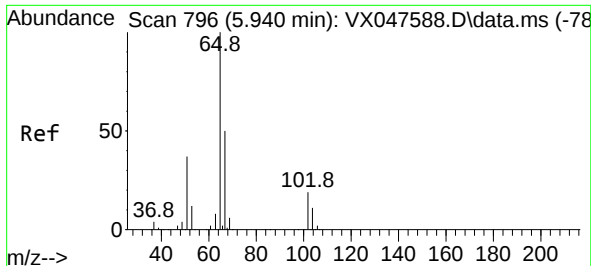
Tgt Ion:168 Resp: 174332
Ion Ratio Lower Upper
168 100
99 66.2 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.364 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:101 Resp: 733
Ion Ratio Lower Upper
101 100
85 47.1 35.5 53.3
151 92.2 59.4 89.0#





#33

1,2-Dichloroethane-d4

Concen: 51.745 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047636.D

Acq: 18 Sep 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

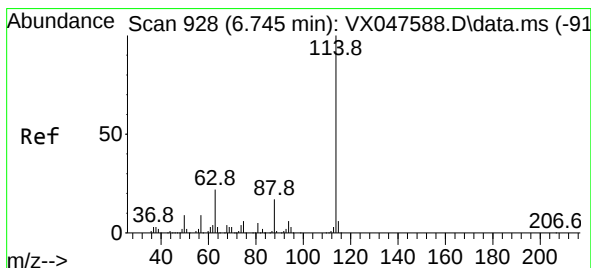
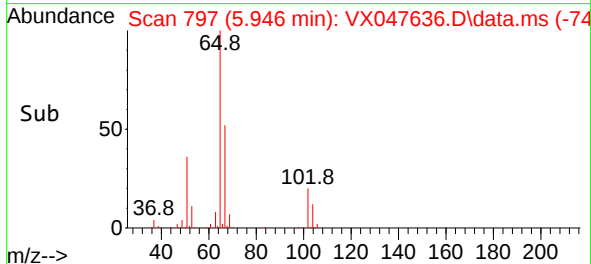
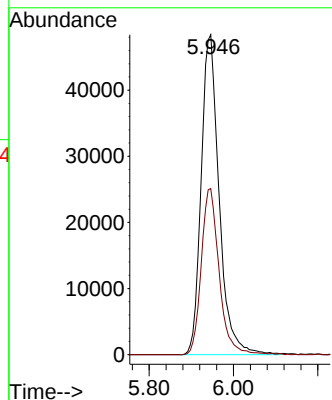
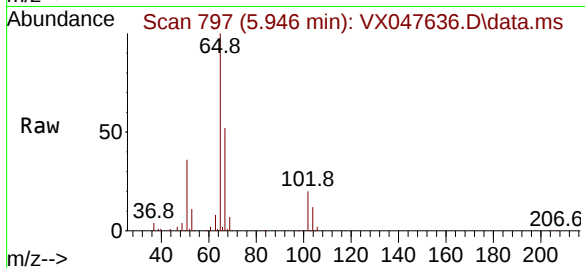
RE122D1-20250909DL

Tgt Ion: 65 Resp: 143589

Ion Ratio Lower Upper

65 100

67 51.6 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: VX047636.D

Acq: 18 Sep 2025 13:37

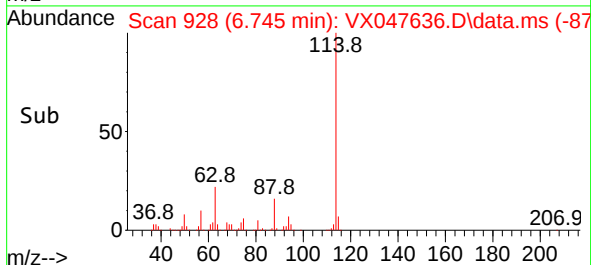
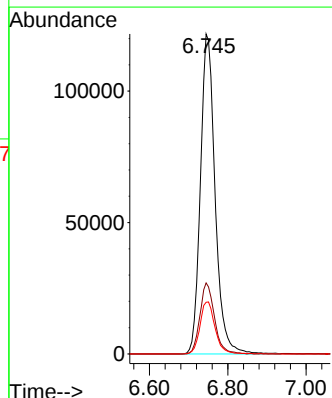
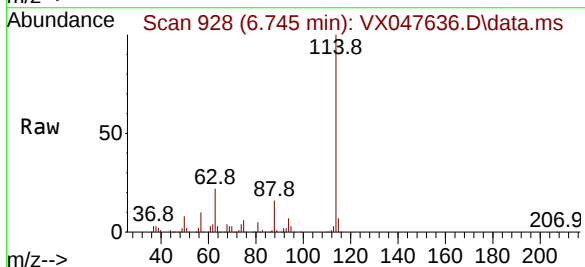
Tgt Ion: 114 Resp: 317792

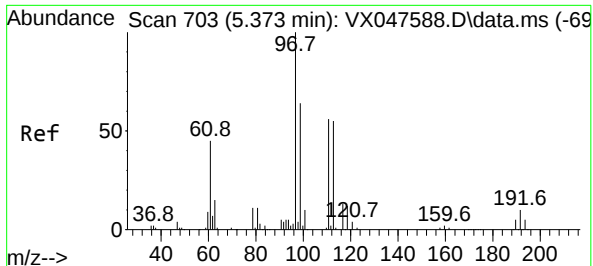
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.2 0.0 34.2

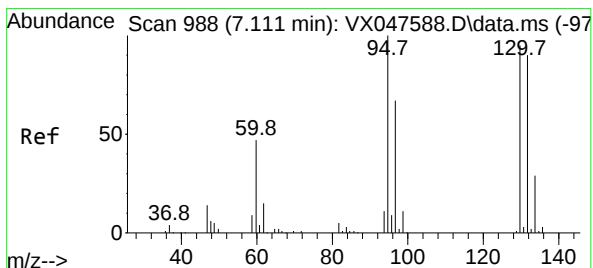
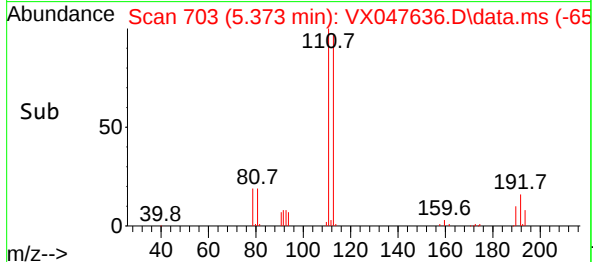
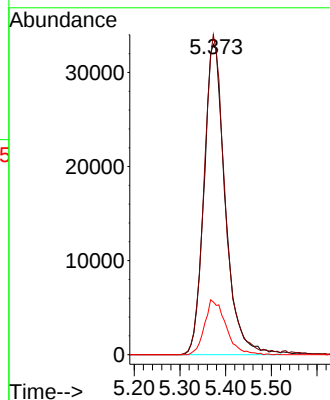
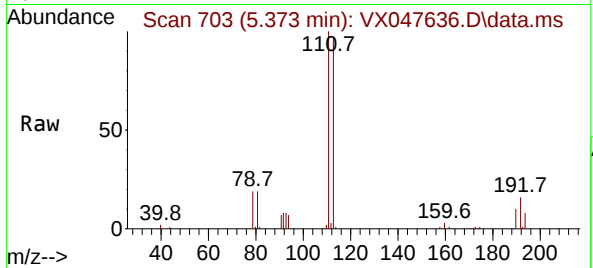




#35
Dibromofluoromethane
Concen: 50.160 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

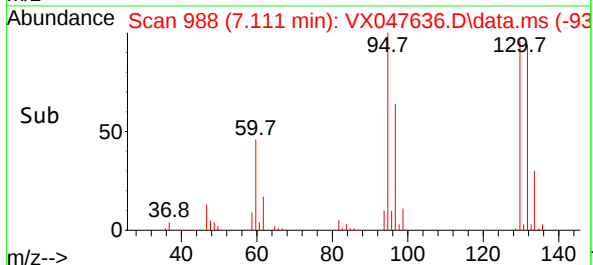
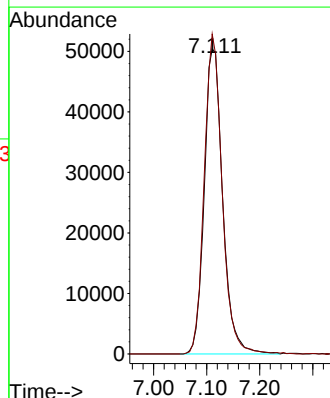
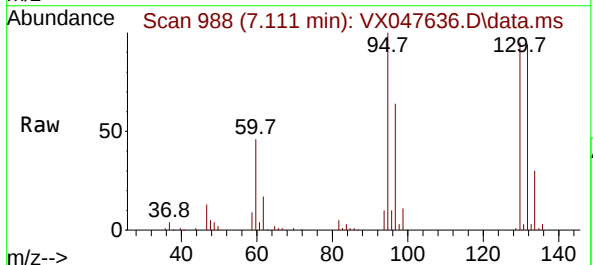
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion:113 Resp: 106906
Ion Ratio Lower Upper
113 100
111 101.0 80.9 121.3
192 17.8 14.2 21.4



#44
Trichloroethene
Concen: 53.417 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion:130 Resp: 122156
Ion Ratio Lower Upper
130 100
95 104.9 0.0 210.8

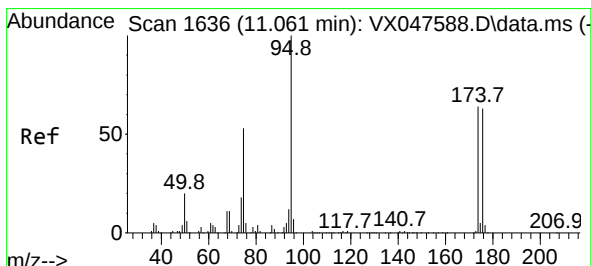
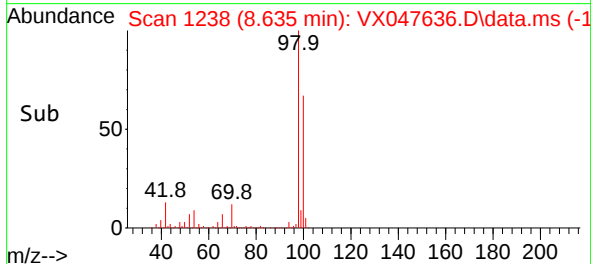
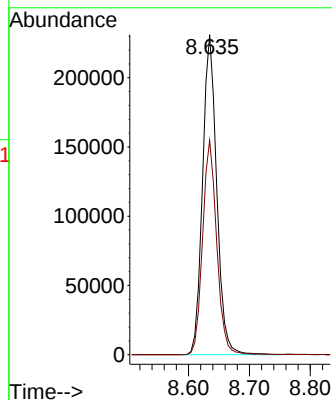
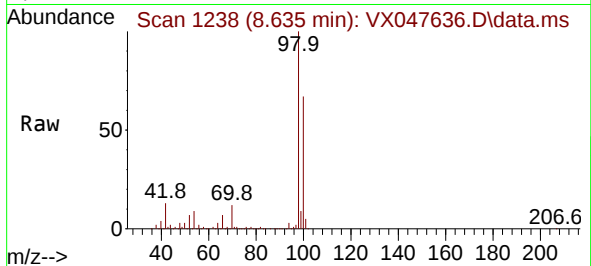




#50
Toluene-d8
Concen: 50.626 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

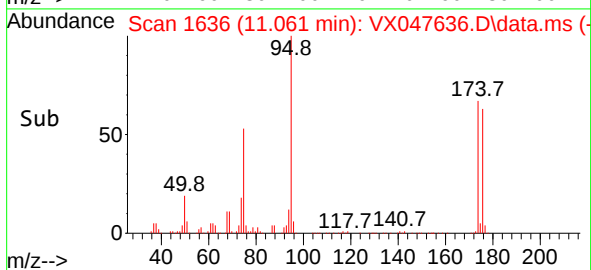
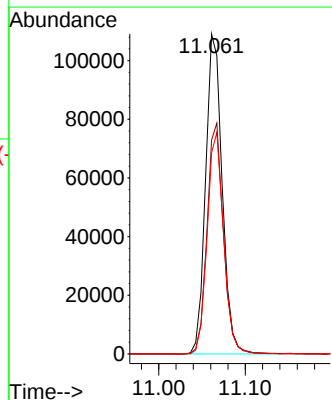
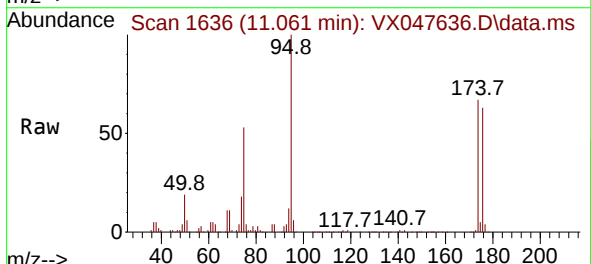
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909DL

Tgt Ion: 98 Resp: 373354
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.734 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047636.D
Acq: 18 Sep 2025 13:37

Tgt Ion: 95 Resp: 144794
Ion Ratio Lower Upper
95 100
174 71.6 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: VX047636.D

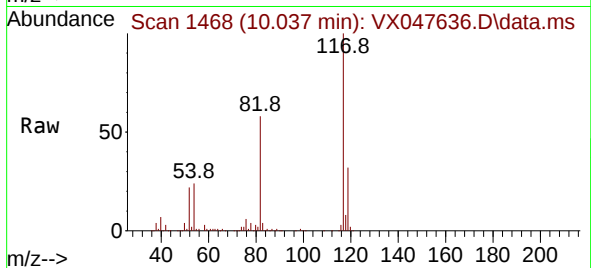
Acq: 18 Sep 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20250909DL



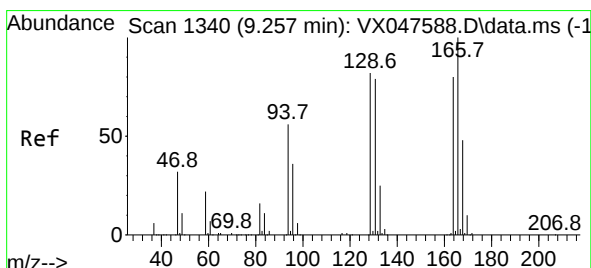
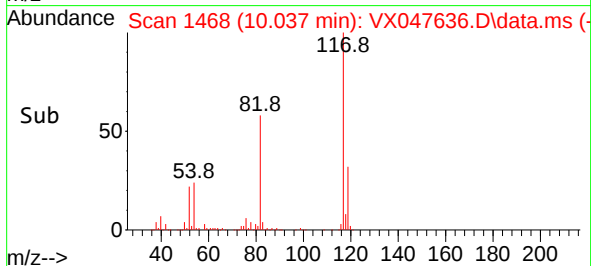
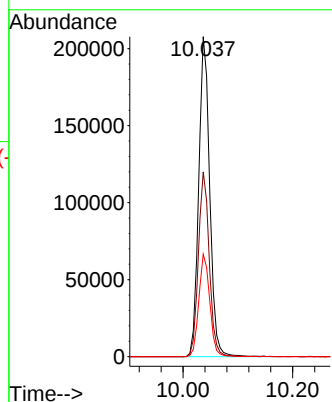
Tgt Ion:117 Resp: 290497

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.6

119 32.1 25.2 37.8



#64

Tetrachloroethene

Concen: 0.443 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047636.D

Acq: 18 Sep 2025 13:37

Tgt Ion:164 Resp: 838

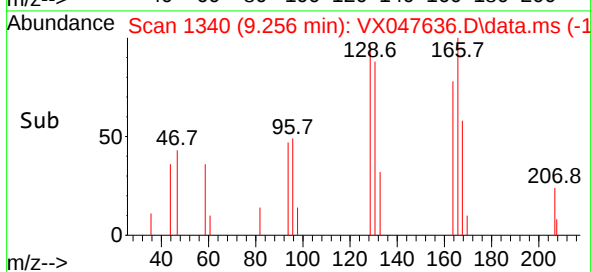
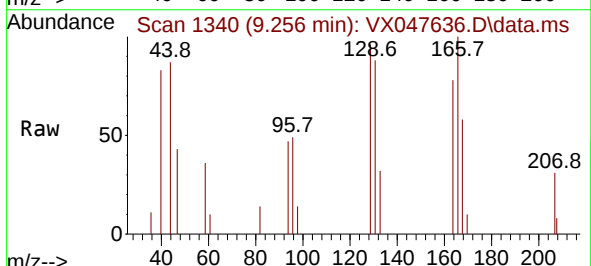
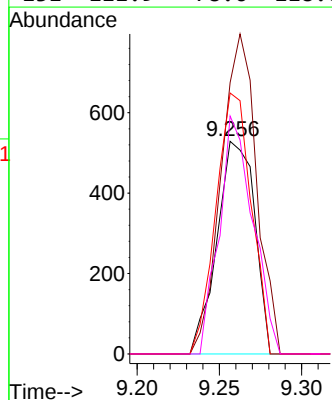
Ion Ratio Lower Upper

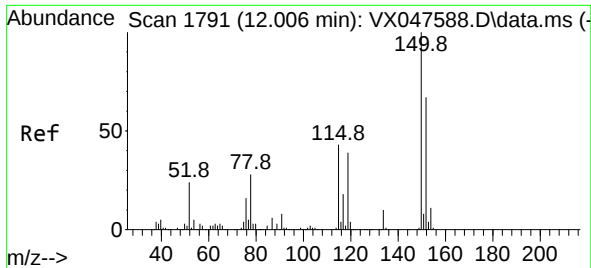
164 100

166 127.6 100.2 150.2

129 122.7 81.8 122.6#

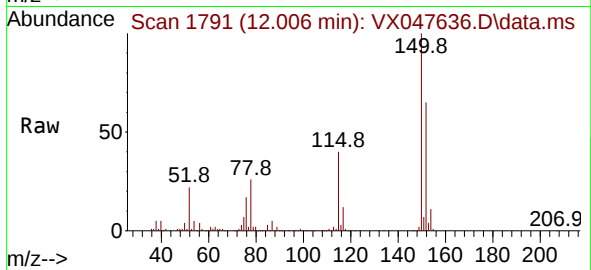
131 111.9 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047636.D
 Acq: 18 Sep 2025 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20250909DL



Tgt Ion:152 Resp: 143980
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.9 134.5
 150 154.7 0.0 352.0

