

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047976.D
 Acq On : 02 Oct 2025 17:56
 Operator : JC/MD
 Sample : Q3194-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20250922

Quant Time: Oct 03 03:34:55 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)

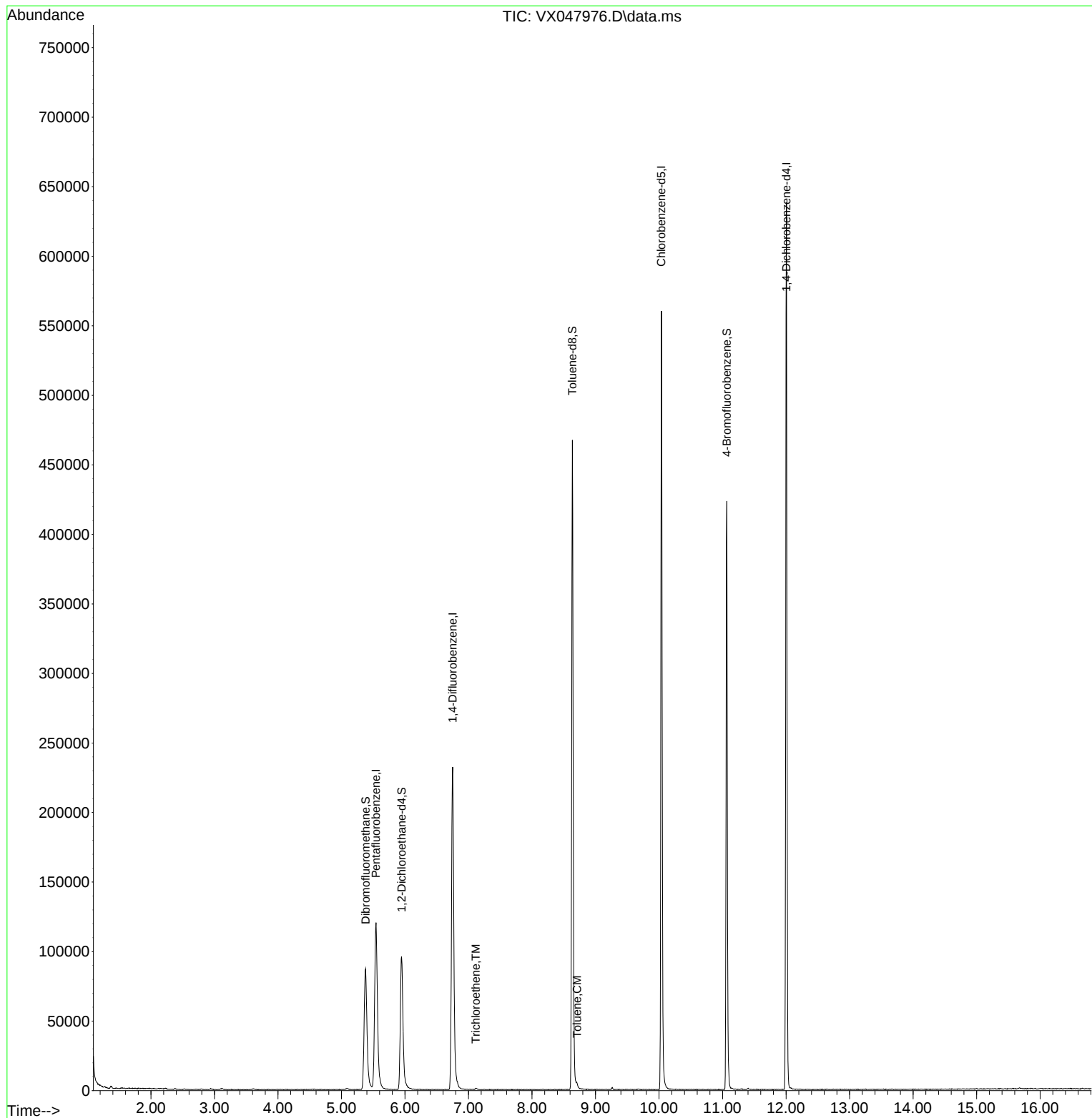
Internal Standards						
1) Pentafluorobenzene	5.544	168	119521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105665	55.541	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.080%	
35) Dibromofluoromethane	5.379	113	84455	50.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.620%	
50) Toluene-d8	8.634	98	283891	48.875	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	11.067	95	120098	54.481	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.960%	
Target Compounds						
						Qvalue
44) Trichloroethene	7.116	130	453	0.252	ug/l	77
52) Toluene	8.708	92	1281	0.279	ug/l	99

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

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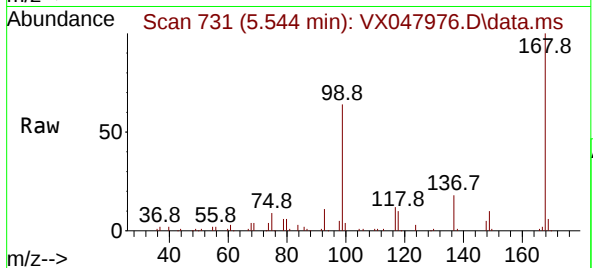
Quant Time: Oct 03 03:34:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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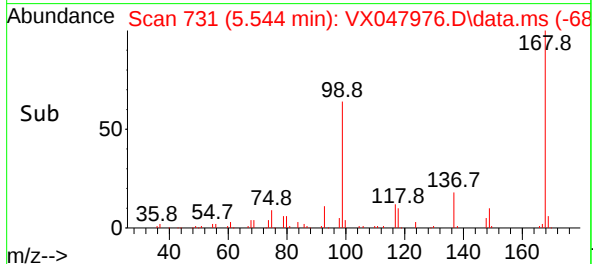
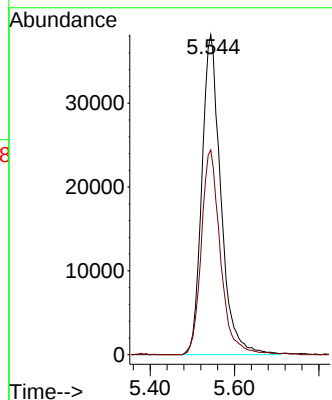


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047976.D
Acq: 02 Oct 2025 17:56

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MSVOA_X
ClientSampleId :
RW11-MW01S-20250922

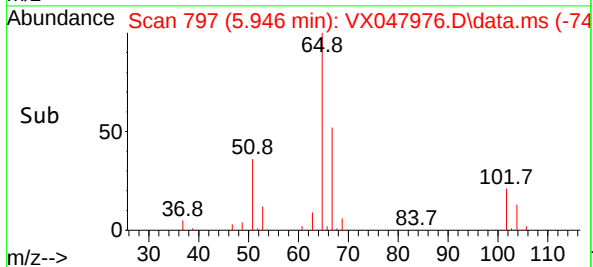
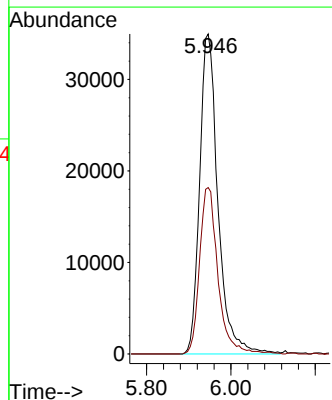
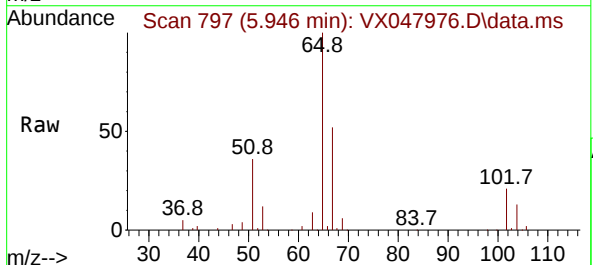


Tgt Ion:168 Resp: 119521
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.541 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047976.D
Acq: 02 Oct 2025 17:56

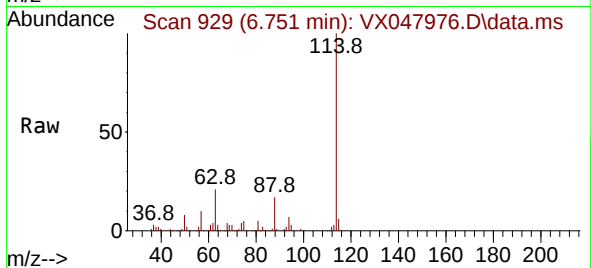
Tgt Ion: 65 Resp: 105665
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



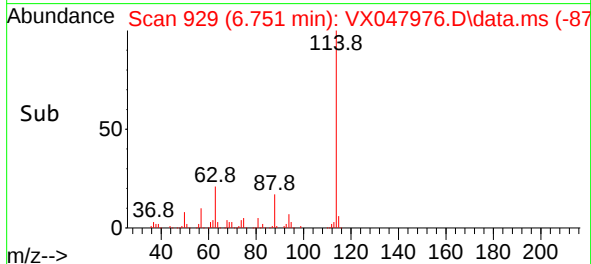
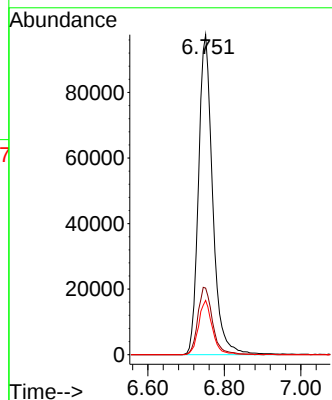


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047976.D
Acq: 02 Oct 2025 17:56

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250922

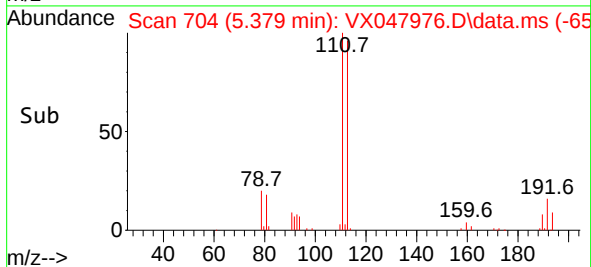
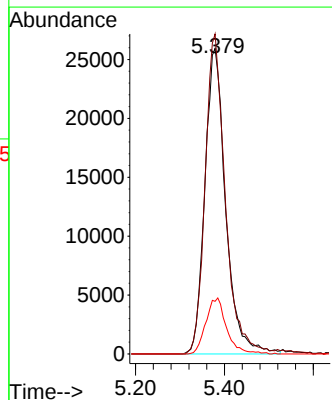
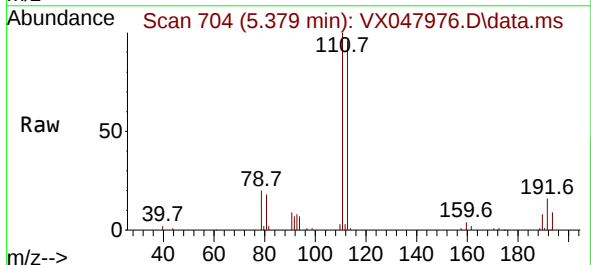


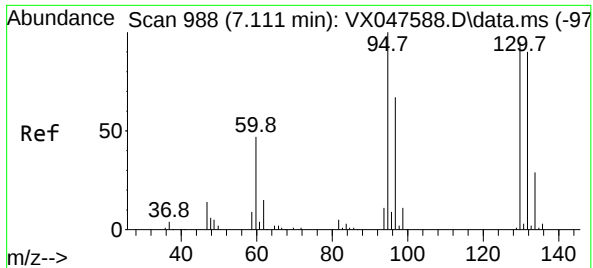
Tgt Ion:114 Resp: 250300
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 17.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.311 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047976.D
Acq: 02 Oct 2025 17:56

Tgt Ion:113 Resp: 84455
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 18.2 14.2 21.4

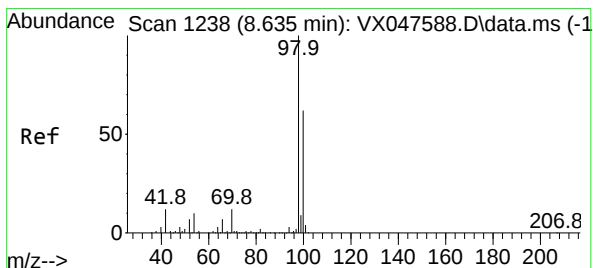
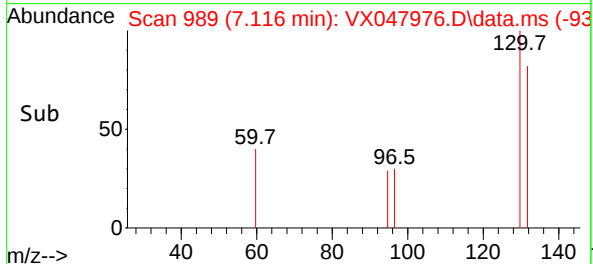
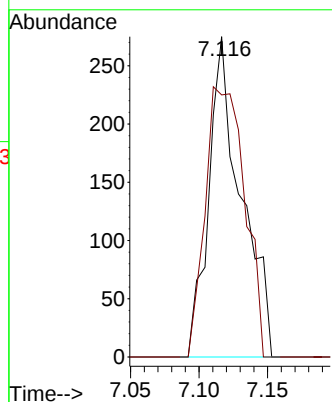
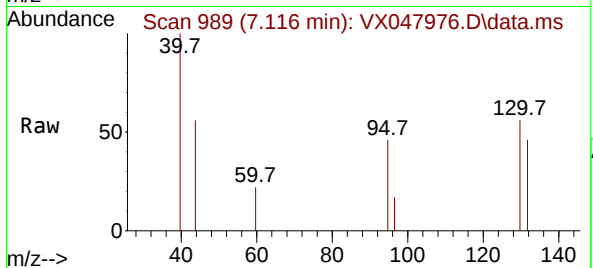




#44
 Trichloroethene
 Concen: 0.252 ug/l
 RT: 7.116 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX047976.D
 Acq: 02 Oct 2025 17:56

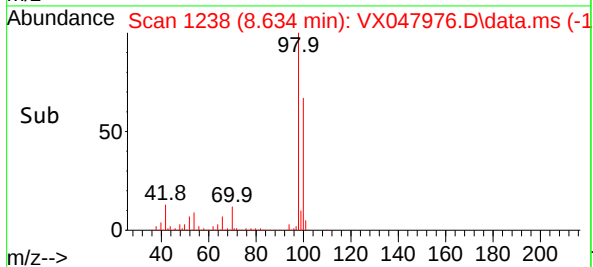
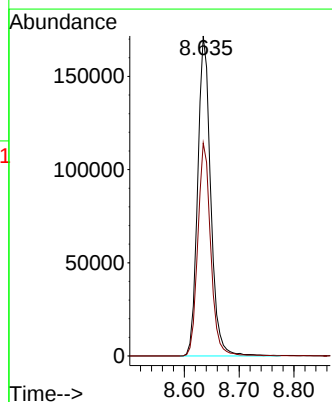
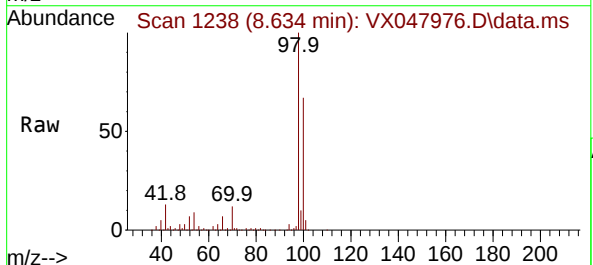
Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20250922

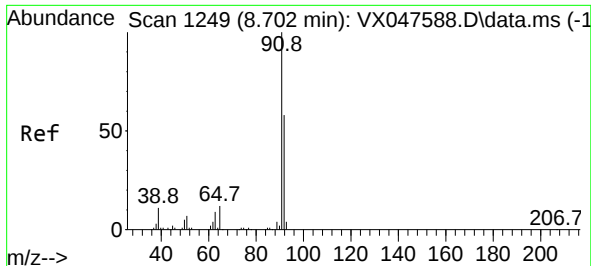
Tgt Ion:130 Resp: 453
 Ion Ratio Lower Upper
 130 100
 95 81.8 0.0 210.8



#50
 Toluene-d8
 Concen: 48.875 ug/l
 RT: 8.634 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX047976.D
 Acq: 02 Oct 2025 17:56

Tgt Ion: 98 Resp: 283891
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.4

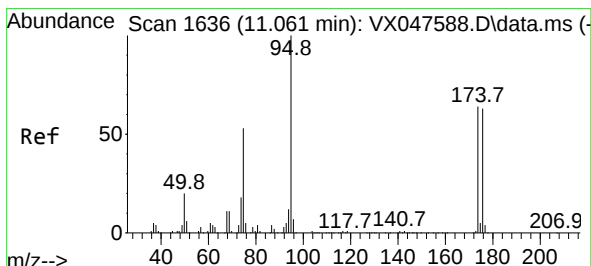
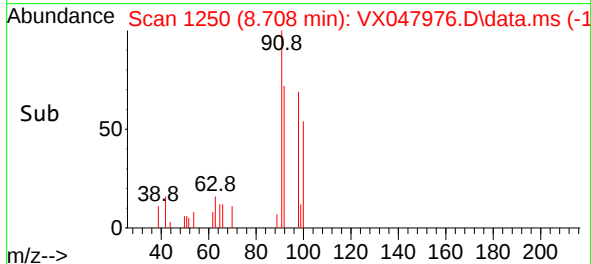
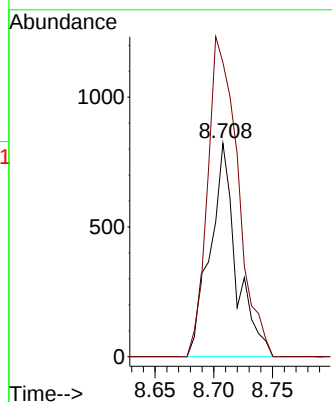
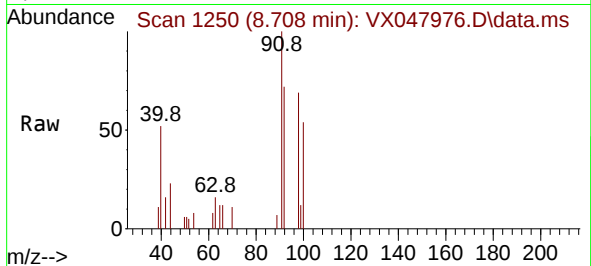




#52
Toluene
Concen: 0.279 ug/l
RT: 8.708 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047976.D
Acq: 02 Oct 2025 17:56

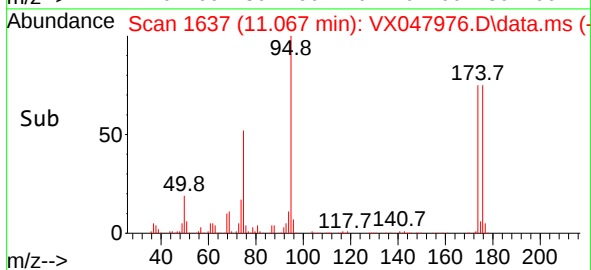
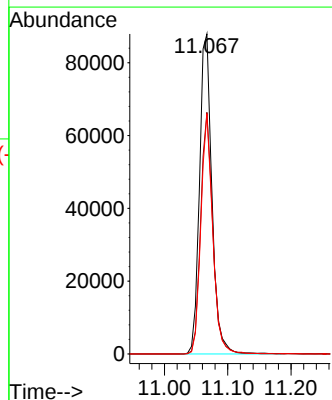
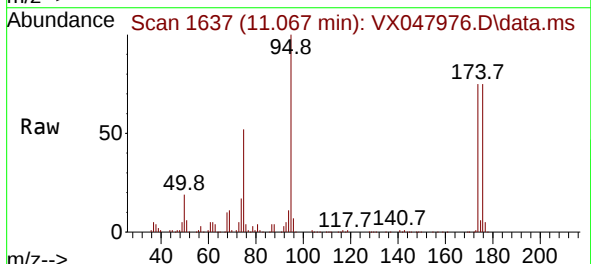
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion: 92 Resp: 1281
Ion Ratio Lower Upper
92 100
91 172.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 54.481 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047976.D
Acq: 02 Oct 2025 17:56

Tgt Ion: 95 Resp: 120098
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.6
176 71.8 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: VX047976.D

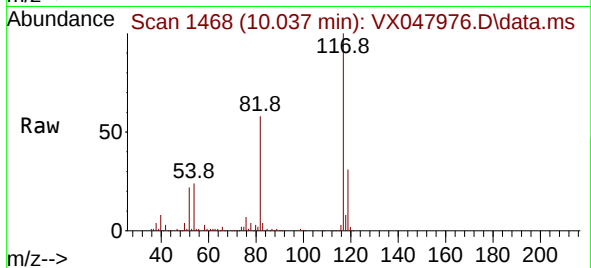
Acq: 02 Oct 2025 17:56

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20250922



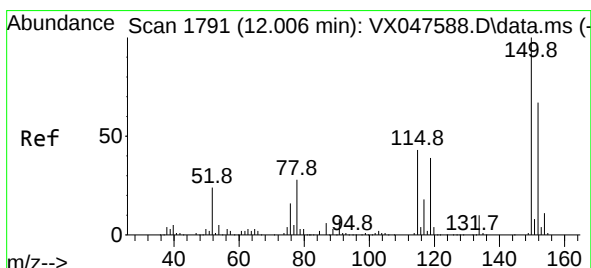
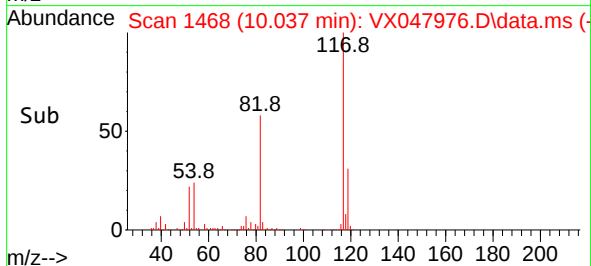
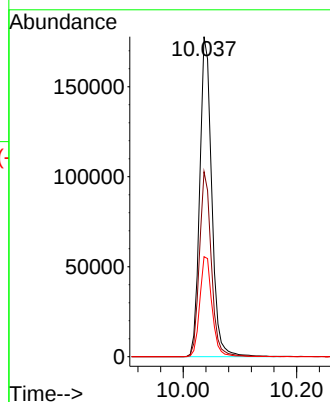
Tgt Ion:117 Resp: 260092

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.6

119 31.3 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047976.D

Acq: 02 Oct 2025 17:56

Tgt Ion:152 Resp: 131301

Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

150 157.4 0.0 352.0

