

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047735.D
 Acq On : 23 Sep 2025 15:52
 Operator : JC/MD
 Sample : Q3097-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20250911

Quant Time: Sep 24 01:34:59 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)

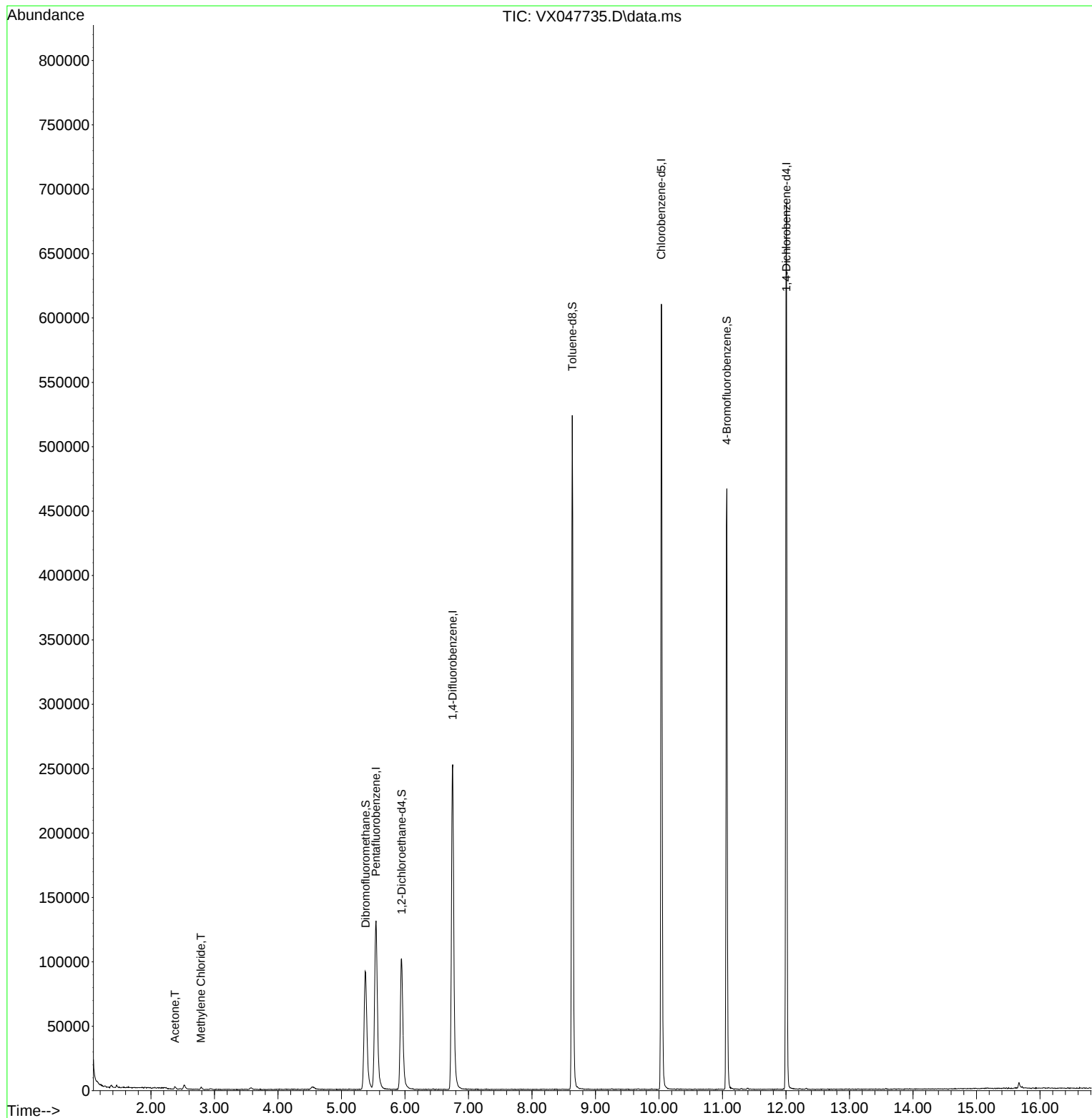
Internal Standards						
1) Pentafluorobenzene	5.544	168	134799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	280775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109748	51.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.300%
35) Dibromofluoromethane	5.379	113	89571	47.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.635	98	318611	48.899	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.800%
62) 4-Bromofluorobenzene	11.067	95	134736	54.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.980%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	2333	2.501	ug/l	96
20) Methylene Chloride	2.788	84	642	0.325	ug/l #	81

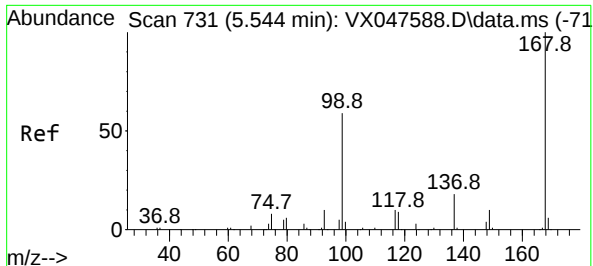
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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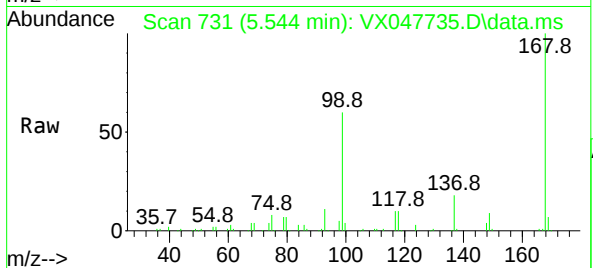
Quant Time: Sep 24 01:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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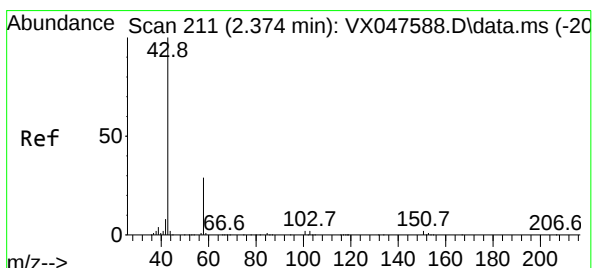
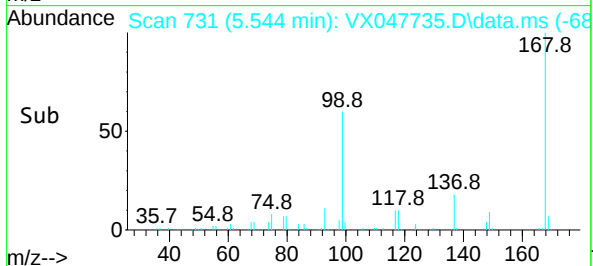
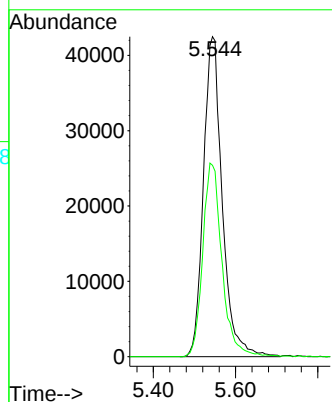


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047735.D
Acq: 23 Sep 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250911

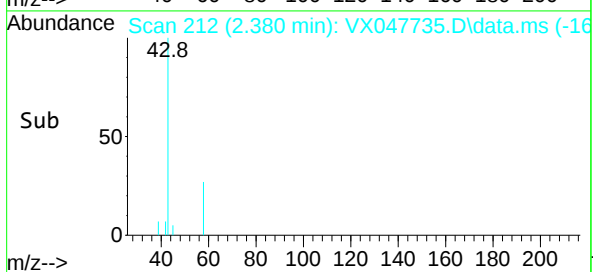
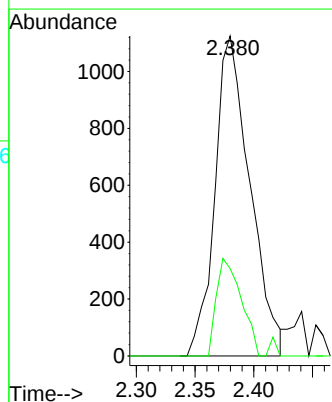
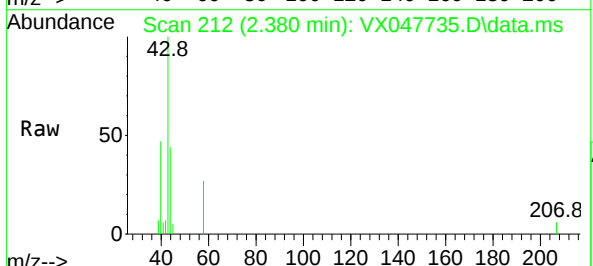


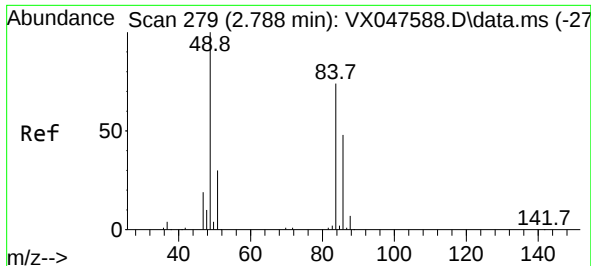
Tgt Ion:168 Resp: 134799
Ion Ratio Lower Upper
168 100
99 59.8 48.8 73.2



#16
Acetone
Concen: 2.501 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047735.D
Acq: 23 Sep 2025 15:52

Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 27.3 23.4 35.0

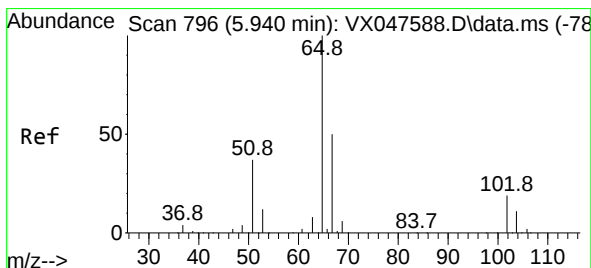
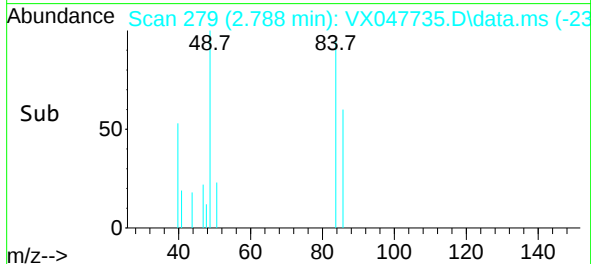
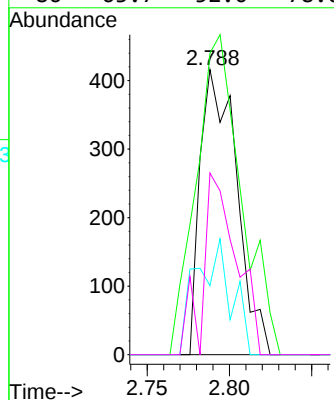
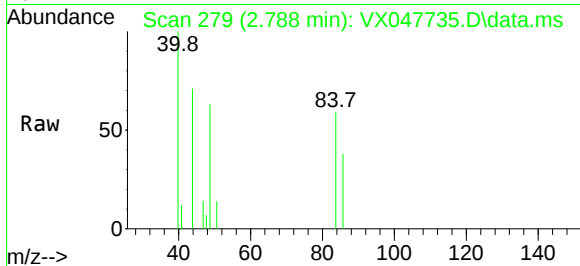




#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047735.D
Acq: 23 Sep 2025 15:52

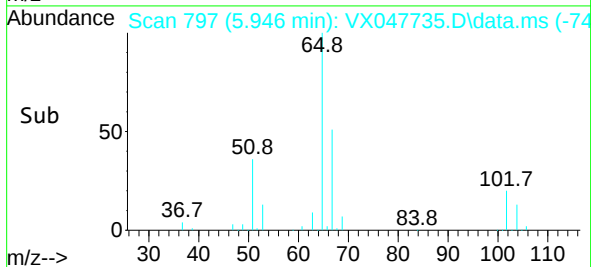
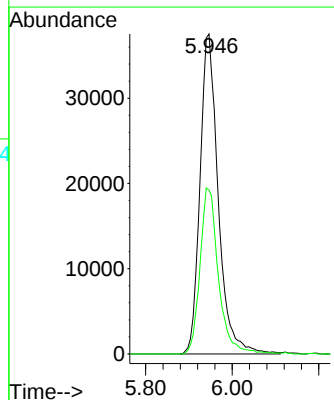
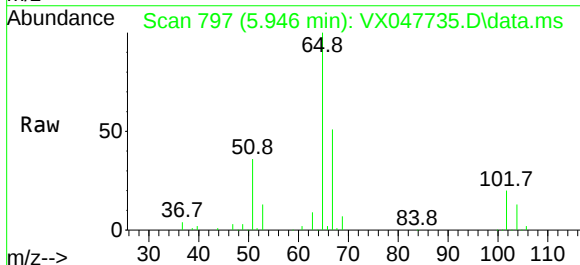
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250911

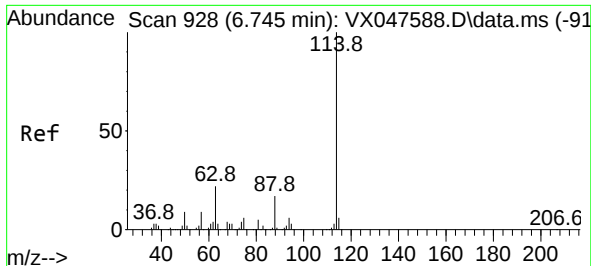
Tgt Ion:	84	Resp:	642
Ion	Ratio	Lower	Upper
84	100		
49	105.8	108.6	162.8#
51	24.3	32.6	48.8#
86	63.7	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 51.149 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047735.D
Acq: 23 Sep 2025 15:52

Tgt Ion:	65	Resp:	109748
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

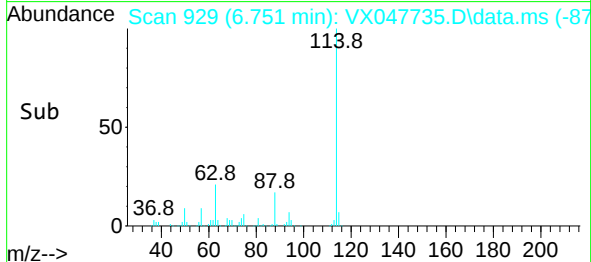
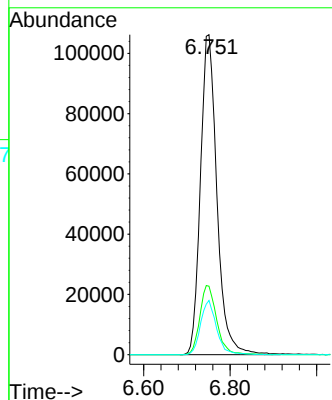
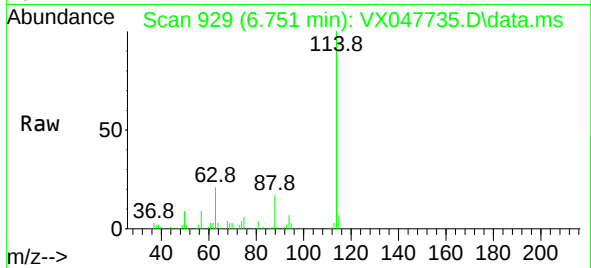




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047735.D
Acq: 23 Sep 2025 15:52

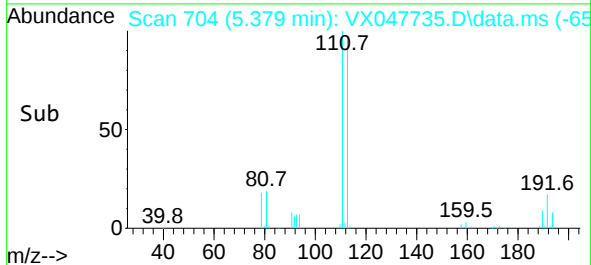
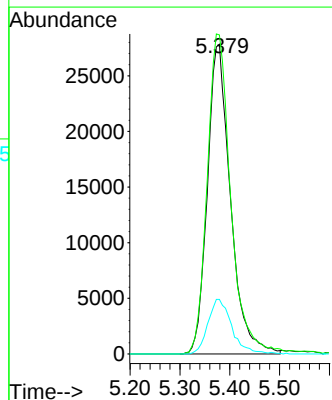
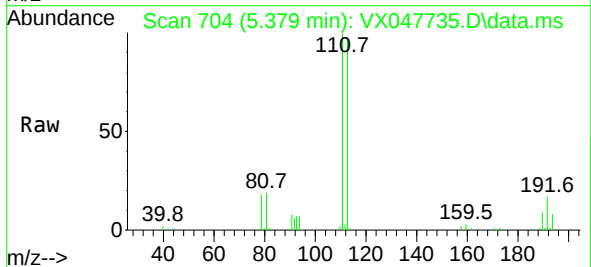
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250911

Tgt Ion:114 Resp: 280775
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.567 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047735.D
Acq: 23 Sep 2025 15:52

Tgt Ion:113 Resp: 89571
Ion Ratio Lower Upper
113 100
111 105.3 80.9 121.3
192 18.1 14.2 21.4

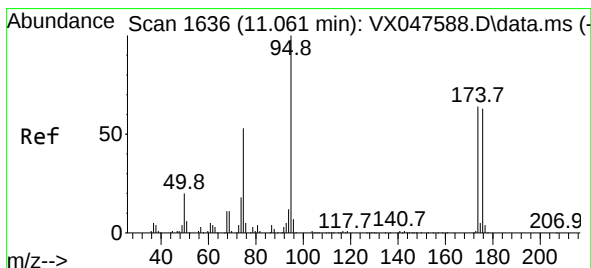
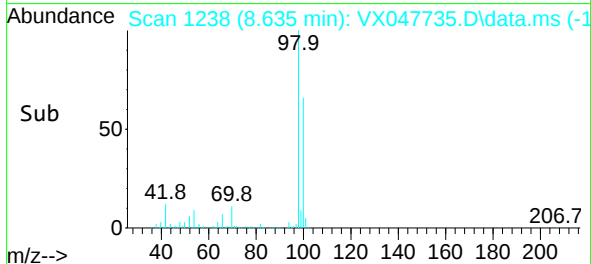
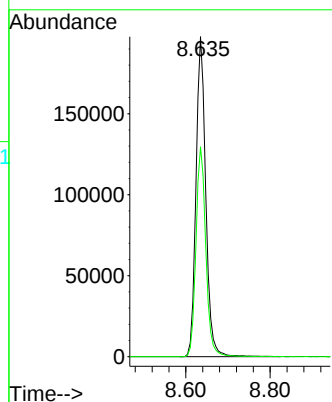
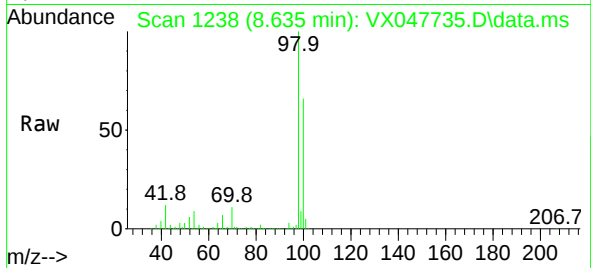




#50
Toluene-d8
Concen: 48.899 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047735.D
Acq: 23 Sep 2025 15:52

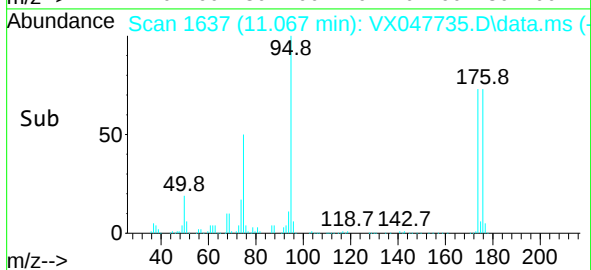
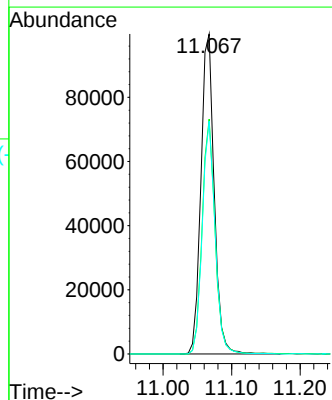
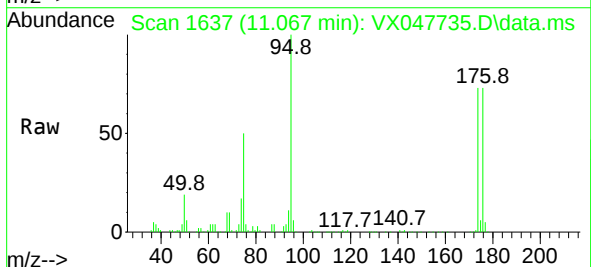
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250911

Tgt Ion: 98 Resp: 318611
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.487 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047735.D
Acq: 23 Sep 2025 15:52

Tgt Ion: 95 Resp: 134736
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.6
176 70.1 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: VX047735.D

Acq: 23 Sep 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20250911

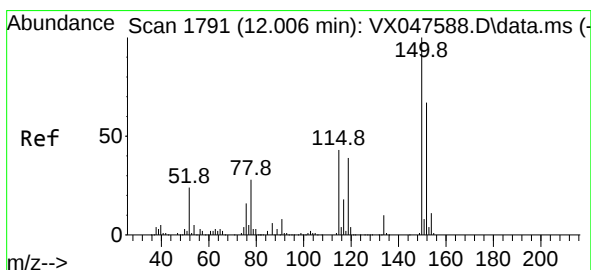
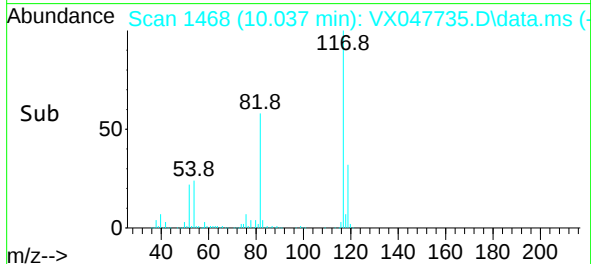
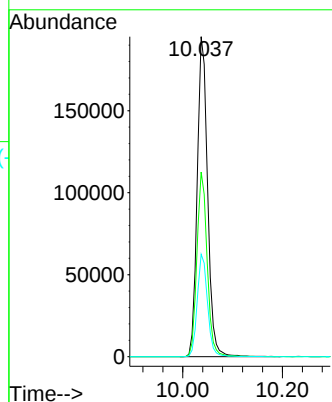
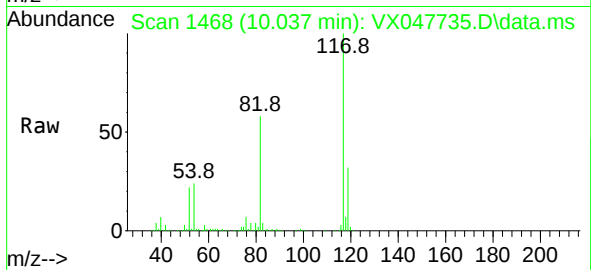
Tgt Ion:117 Resp: 282111

Ion Ratio Lower Upper

117 100

82 57.7 47.8 71.6

119 32.0 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: VX047735.D

Acq: 23 Sep 2025 15:52

Tgt Ion:152 Resp: 143533

Ion Ratio Lower Upper

152 100

115 61.6 44.9 134.5

150 158.3 0.0 352.0

