

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045278.D
 Acq On : 13 Mar 2025 18:39
 Operator : JC/MD
 Sample : Q1559-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10A-MW01S-20250311

Quant Time: Mar 14 12:30:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

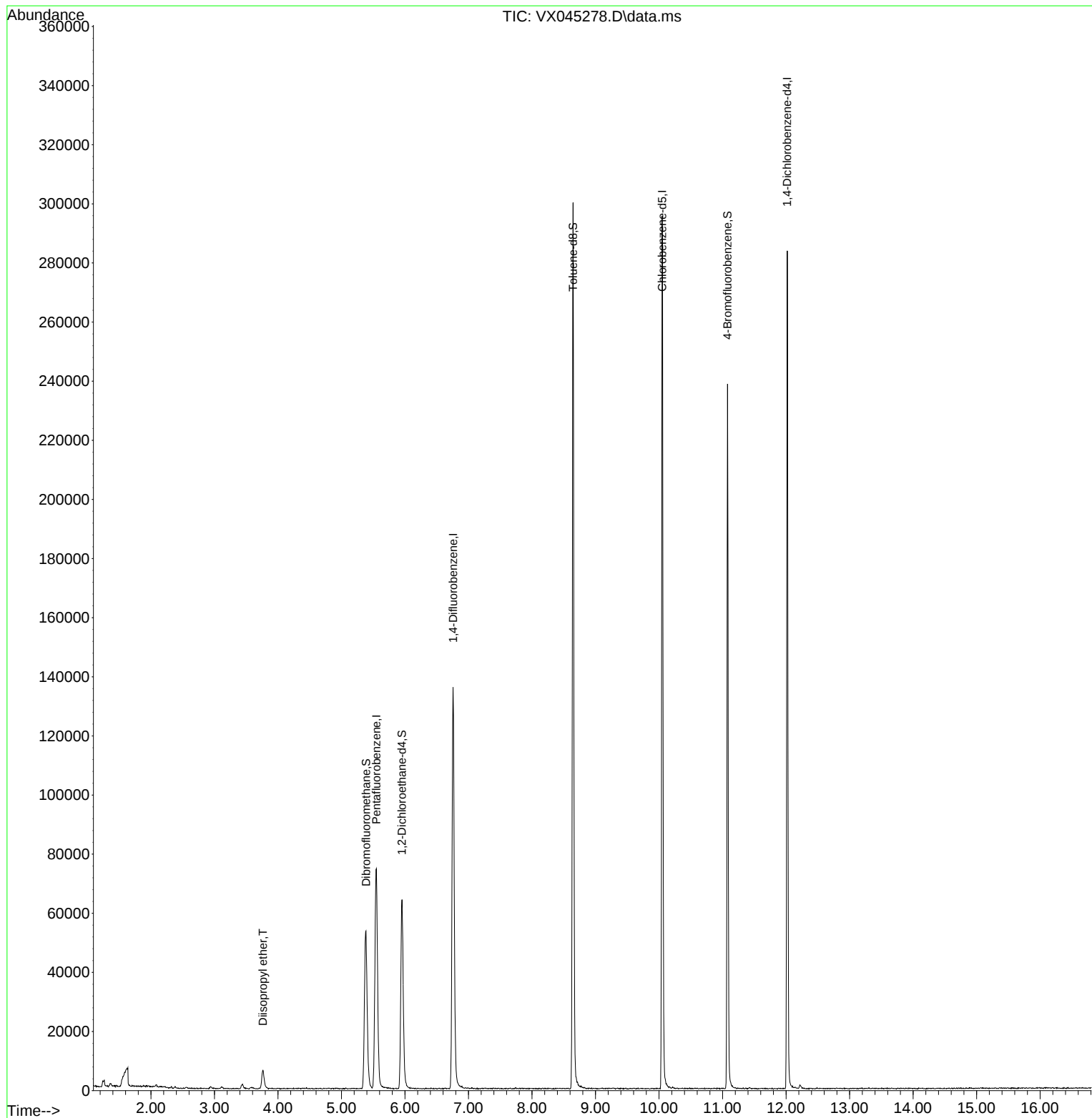
Internal Standards						
1) Pentafluorobenzene	5.550	168	68309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60432	55.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.240%
35) Dibromofluoromethane	5.385	113	47428	52.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.360%
50) Toluene-d8	8.647	98	170620	52.277	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.560%
62) 4-Bromofluorobenzene	11.079	95	59329	54.858	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.720%
Target Compounds						
22) Diisopropyl ether	3.763	45	7219	2.376	ug/l	Qvalue # 79

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

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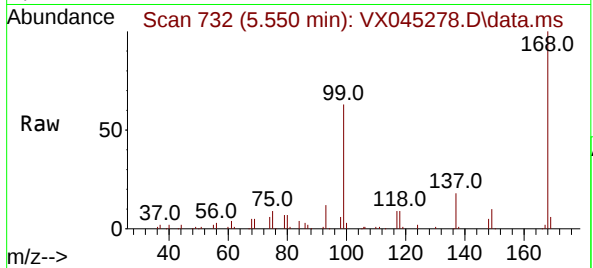
Quant Time: Mar 14 12:30:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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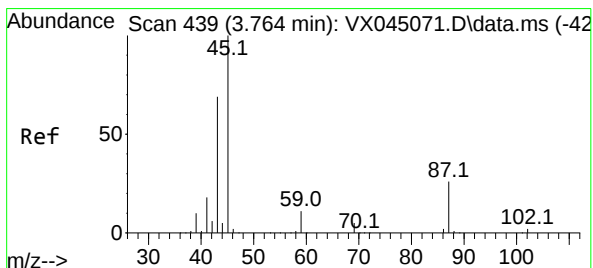
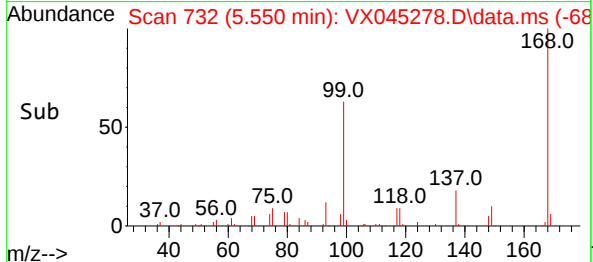
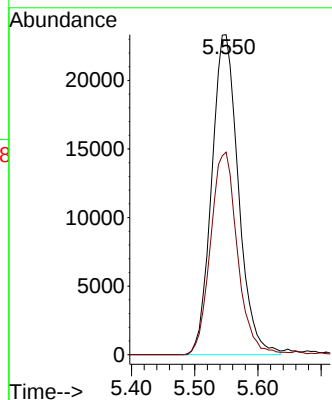


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01S-20250311

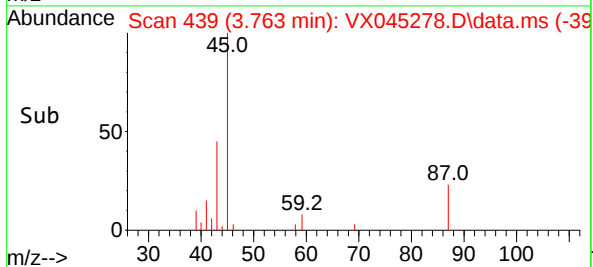
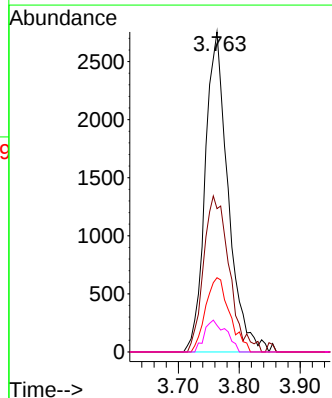
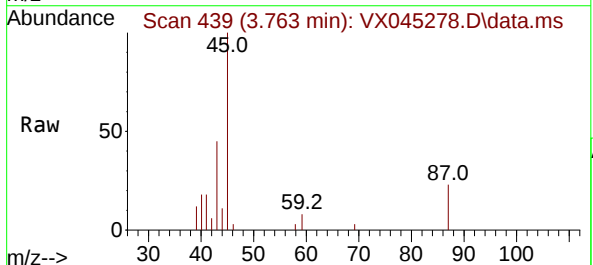


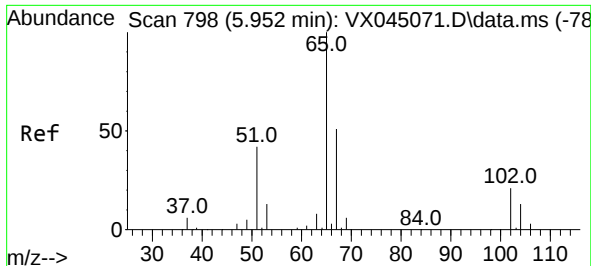
Tgt Ion:168 Resp: 68309
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4



#22
Diisopropyl ether
Concen: 2.376 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Tgt Ion: 45 Resp: 7219
Ion Ratio Lower Upper
45 100
43 44.8 54.9 82.3#
87 23.2 21.0 31.4
59 8.3 8.7 13.1#





#33

1,2-Dichloroethane-d4

Concen: 55.618 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045278.D

Acq: 13 Mar 2025 18:39

Instrument :

MSVOA_X

ClientSampleId :

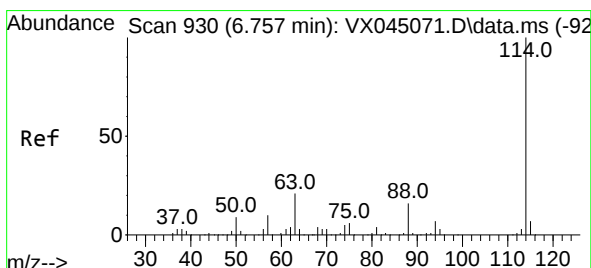
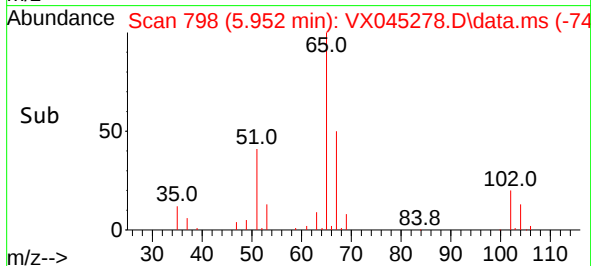
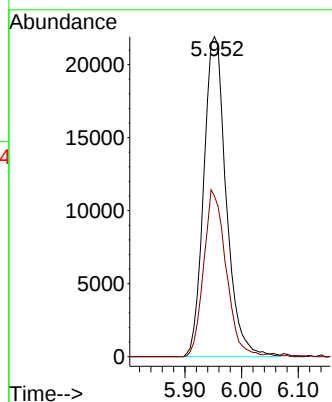
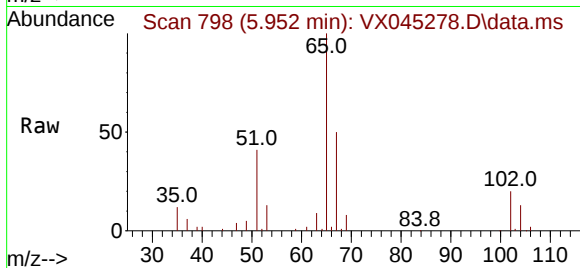
RW10A-MW01S-20250311

Tgt Ion: 65 Resp: 60432

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045278.D

Acq: 13 Mar 2025 18:39

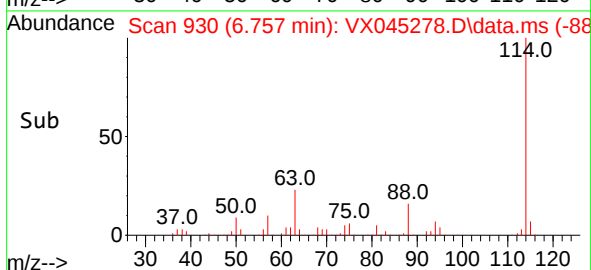
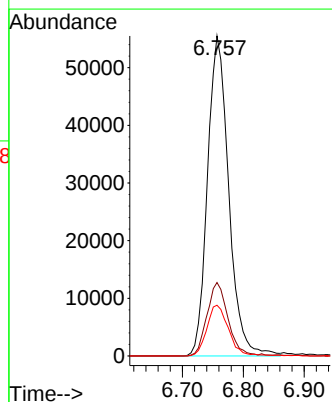
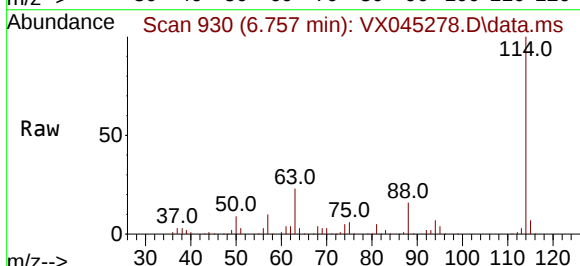
Tgt Ion: 114 Resp: 134633

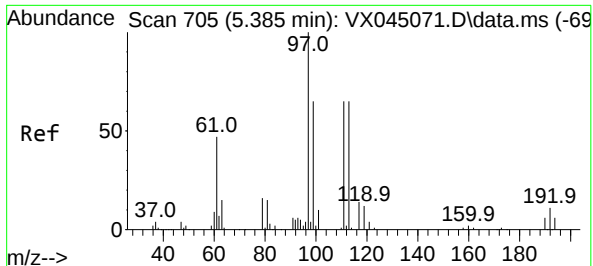
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.683 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045278.D

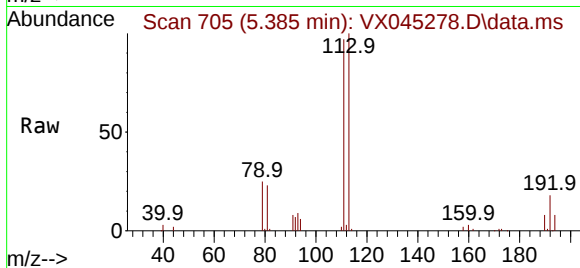
Acq: 13 Mar 2025 18:39

Instrument :

MSVOA_X

ClientSampleId :

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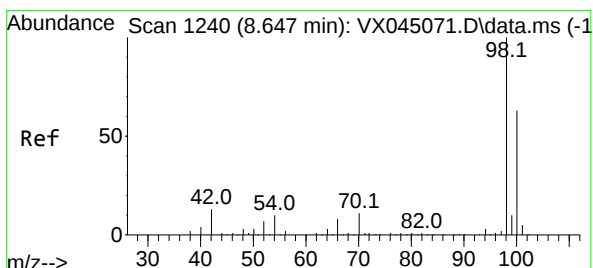
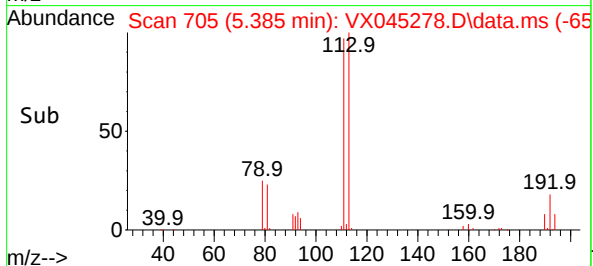
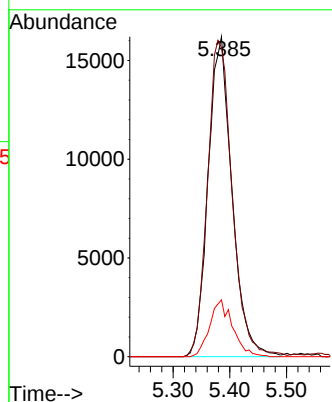
Tgt Ion:113 Resp: 47428

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

192 17.1 14.3 21.5



#50

Toluene-d8

Concen: 52.277 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045278.D

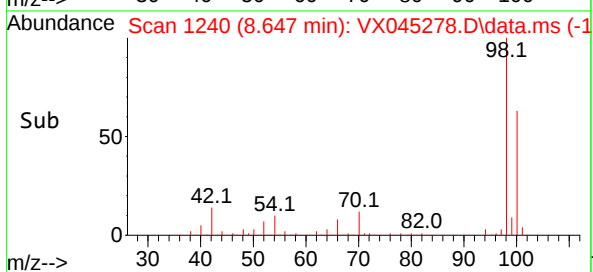
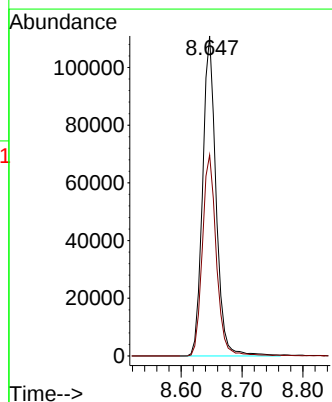
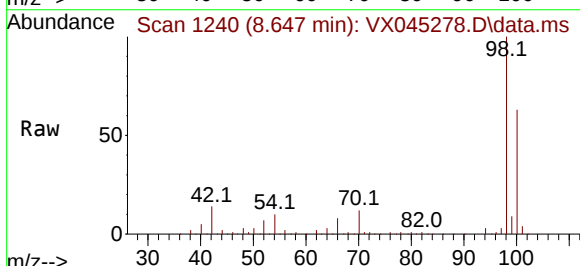
Acq: 13 Mar 2025 18:39

Tgt Ion: 98 Resp: 170620

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 54.858 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045278.D

Acq: 13 Mar 2025 18:39

Instrument :

MSVOA_X

ClientSampleId :

RW10A-MW01S-20250311

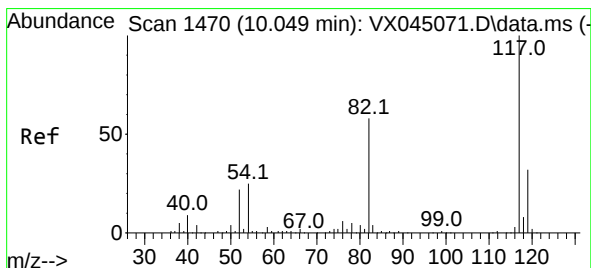
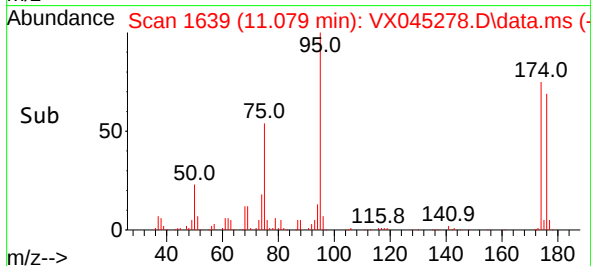
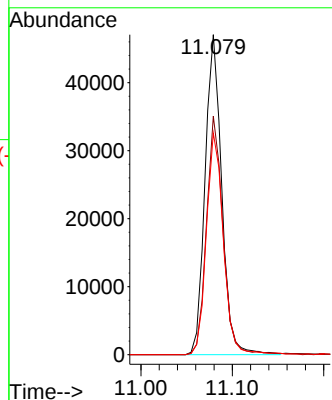
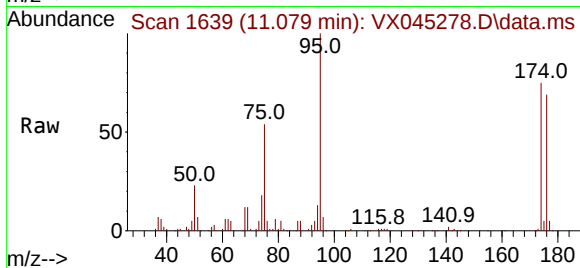
Tgt Ion: 95 Resp: 59329

Ion Ratio Lower Upper

95 100

174 74.5 0.0 148.2

176 71.0 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045278.D

Acq: 13 Mar 2025 18:39

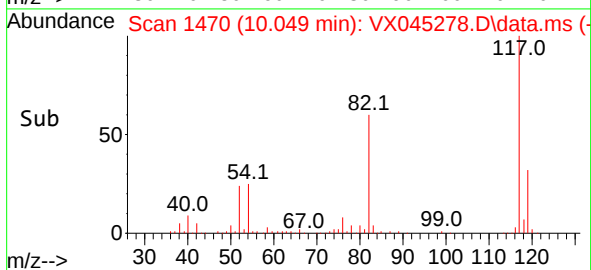
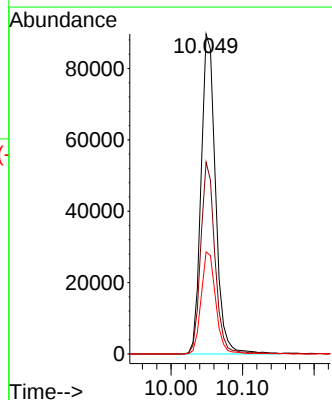
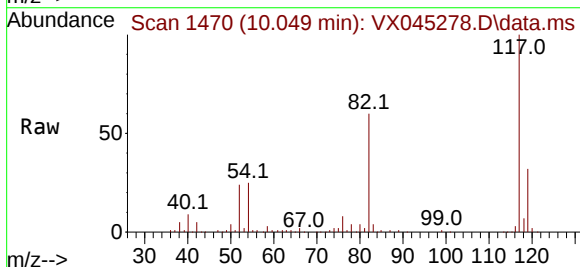
Tgt Ion: 117 Resp: 125955

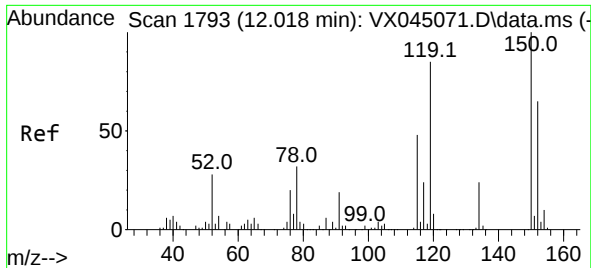
Ion Ratio Lower Upper

117 100

82 59.9 46.3 69.5

119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045278.D

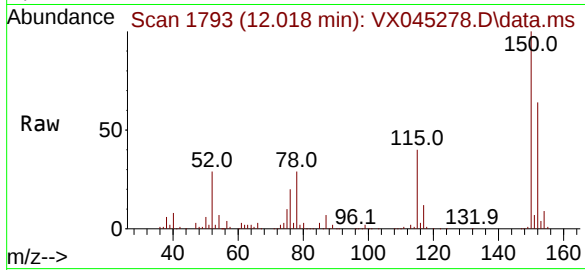
Acq: 13 Mar 2025 18:39

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 54627

Ion Ratio Lower Upper

152 100

115 60.6 44.2 132.6

150 152.4 0.0 349.0

