

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046085.D
 Acq On : 08 May 2025 12:55
 Operator : JC/MD
 Sample : Q1985-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-BW-20250507

Quant Time: May 09 01:56:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

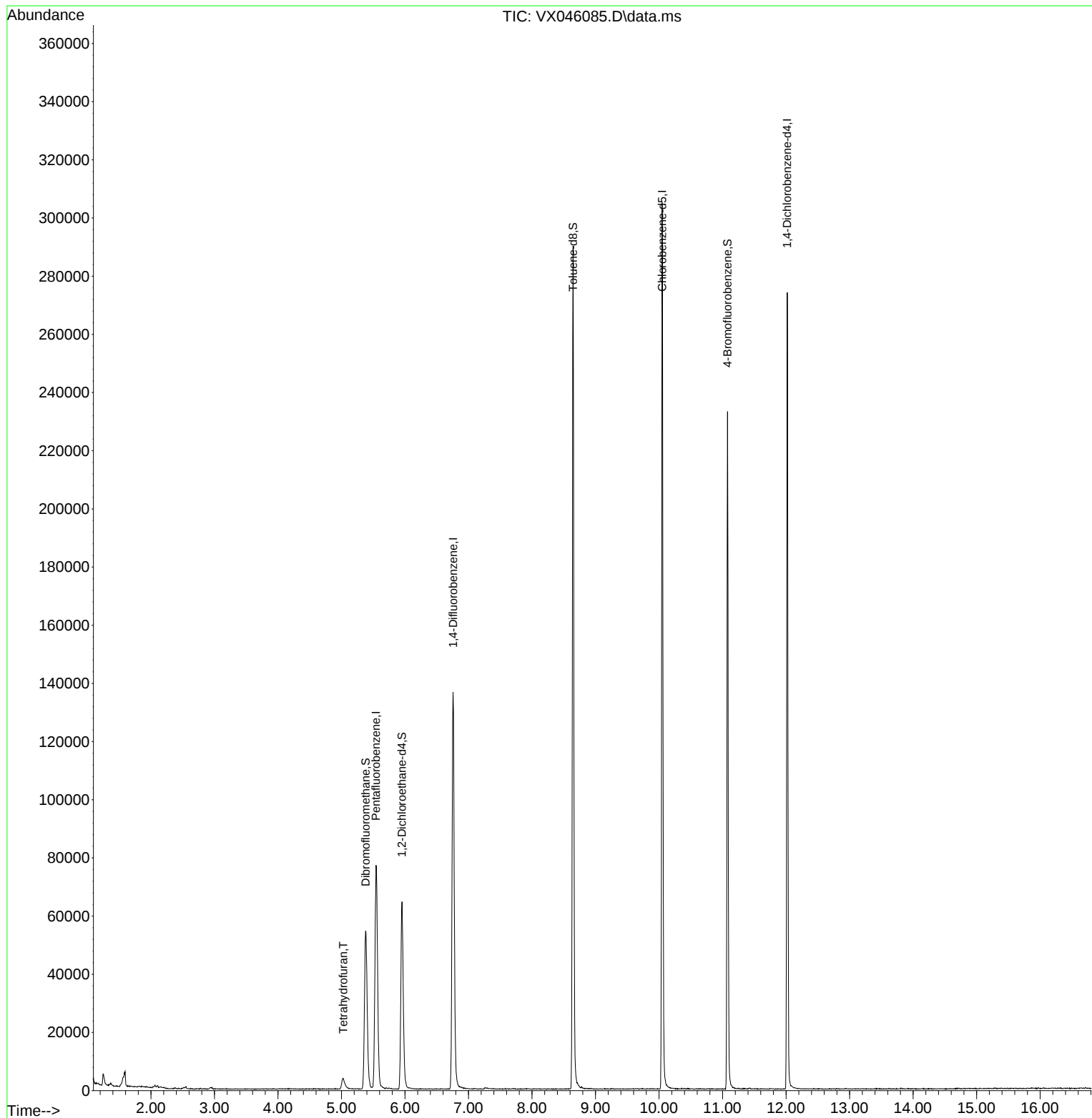
Internal Standards						
1) Pentafluorobenzene	5.544	168	65710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65644	53.585	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.160%			
35) Dibromofluoromethane	5.379	113	48204	51.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	8.647	98	161572	49.445	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.880%			
62) 4-Bromofluorobenzene	11.079	95	61840	49.336	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.680%			
Target Compounds						
29) Tetrahydrofuran	5.026	42	3978	8.902	ug/l	98

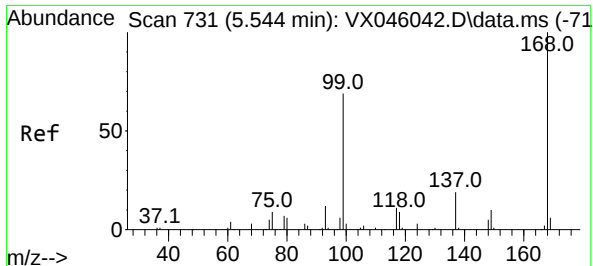
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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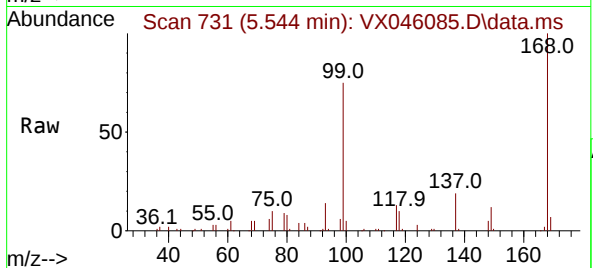
Quant Time: May 09 01:56:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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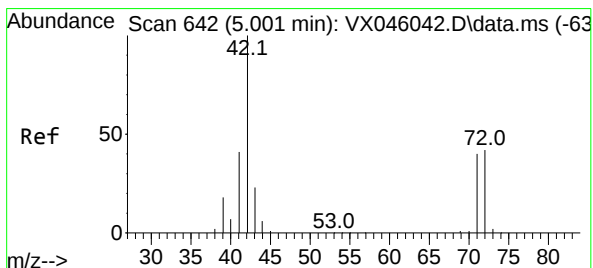
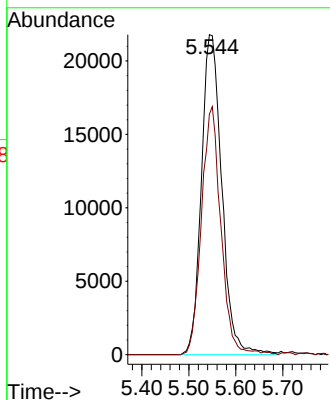
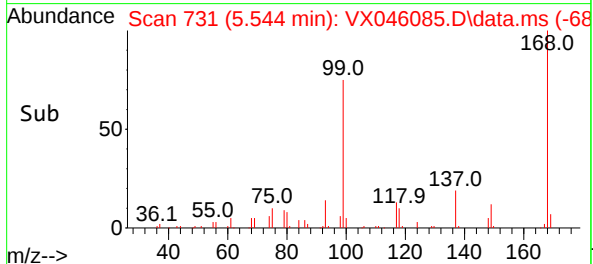


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Instrument :
MSVOA_X
ClientSampleId :
RW8-BW-20250507

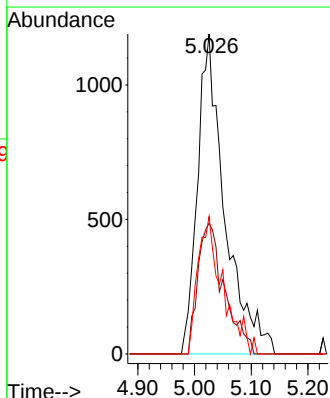
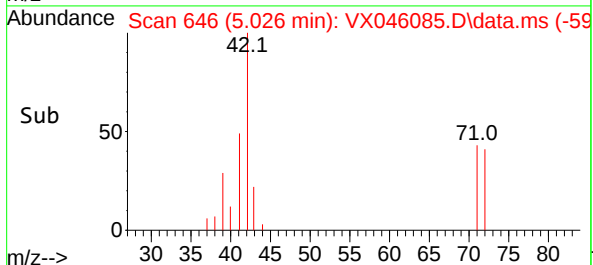
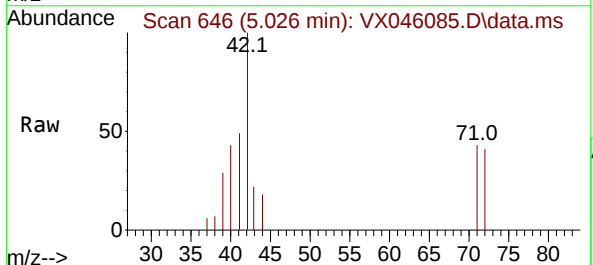


Tgt Ion:168 Resp: 65710
Ion Ratio Lower Upper
168 100
99 75.2 54.9 82.3



#29
Tetrahydrofuran
Concen: 8.902 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.024 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 42 Resp: 3978
Ion Ratio Lower Upper
42 100
72 39.6 33.7 50.5
71 39.0 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 53.585 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046085.D

Acq: 08 May 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

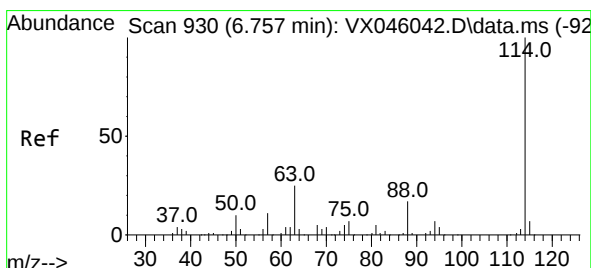
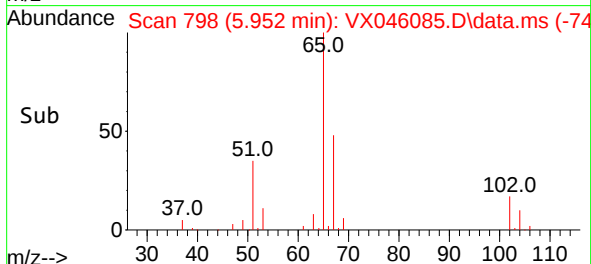
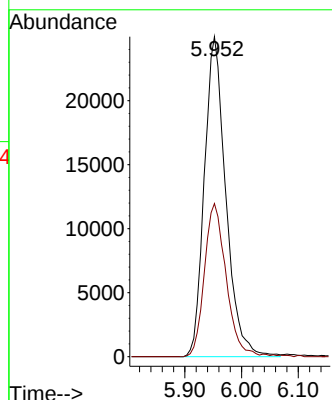
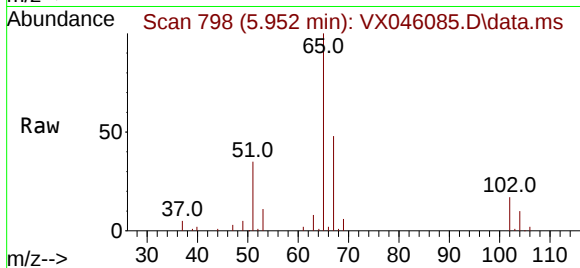
RW8-BW-20250507

Tgt Ion: 65 Resp: 65644

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046085.D

Acq: 08 May 2025 12:55

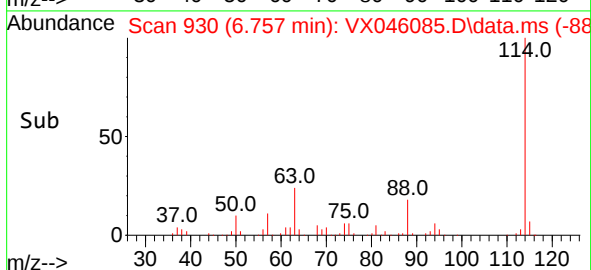
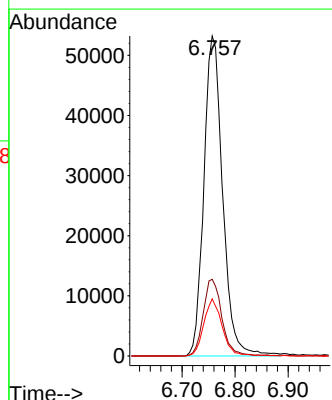
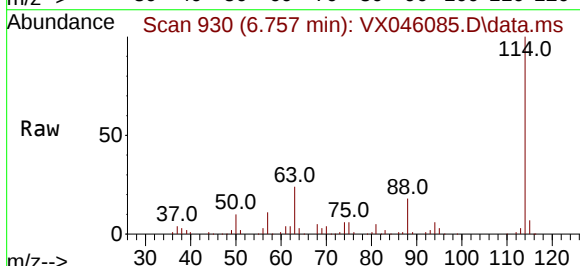
Tgt Ion: 114 Resp: 131109

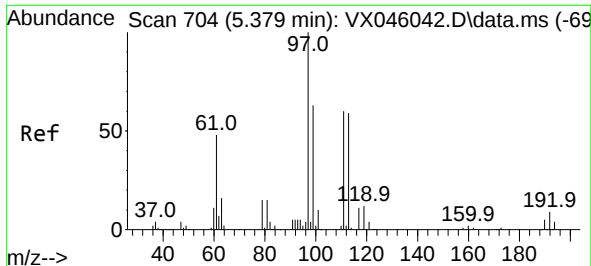
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

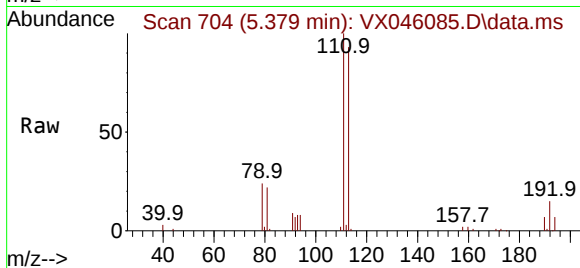
88 17.8 0.0 33.6



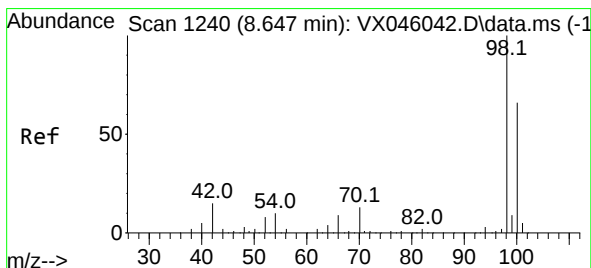
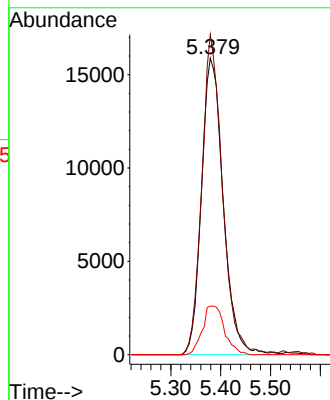
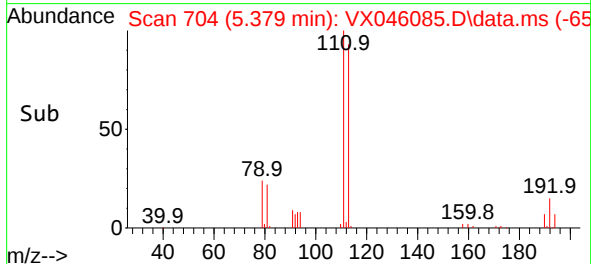


#35
Dibromofluoromethane
Concen: 51.057 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Instrument :
MSVOA_X
ClientSampleId :
RW8-BW-20250507

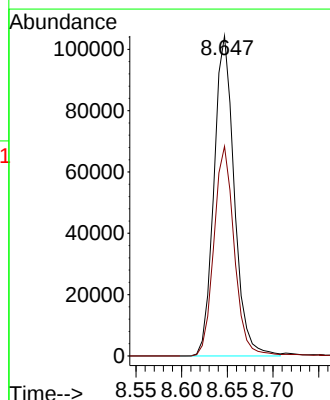
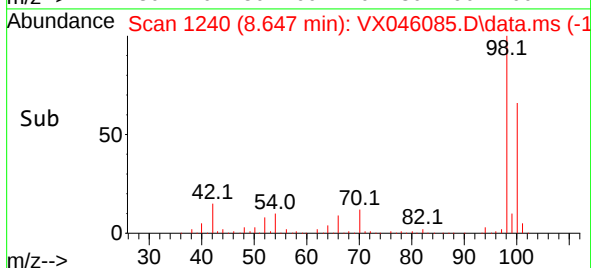
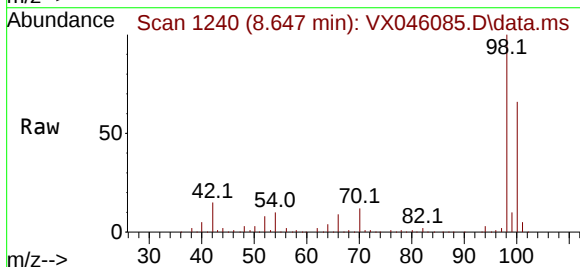


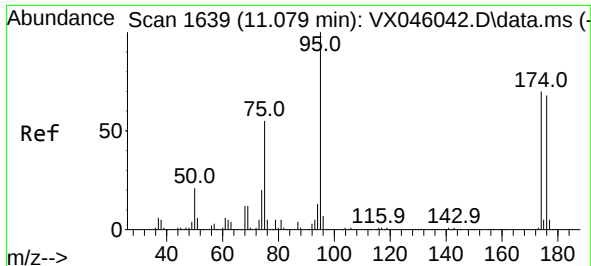
Tgt Ion:113 Resp: 48204
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.6 13.3 19.9



#50
Toluene-d8
Concen: 49.445 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 98 Resp: 161572
Ion Ratio Lower Upper
98 100
100 66.1 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 49.336 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046085.D

Acq: 08 May 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

RW8-BW-20250507

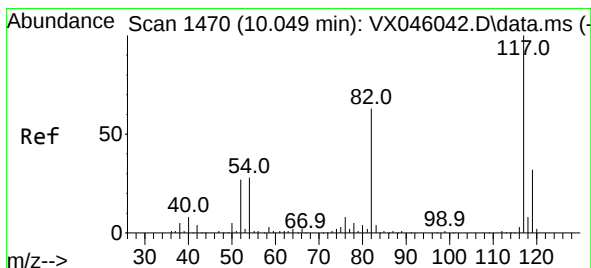
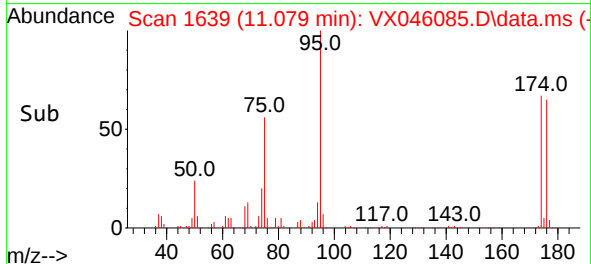
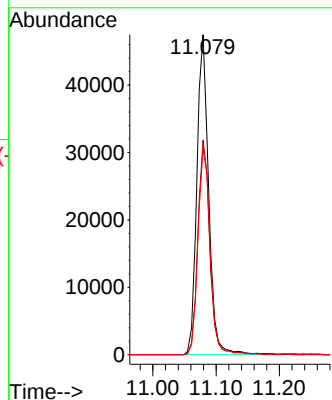
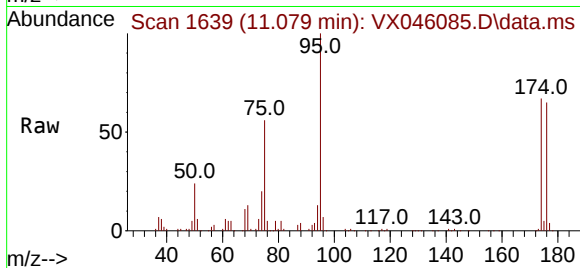
Tgt Ion: 95 Resp: 61840

Ion Ratio Lower Upper

95 100

174 67.8 0.0 135.8

176 66.4 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX046085.D

Acq: 08 May 2025 12:55

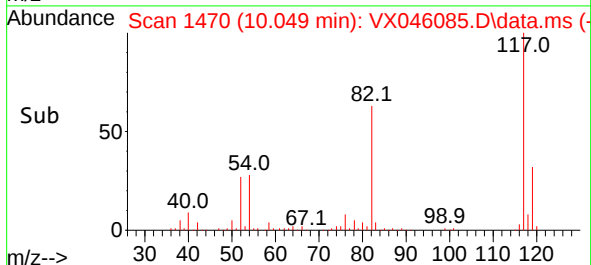
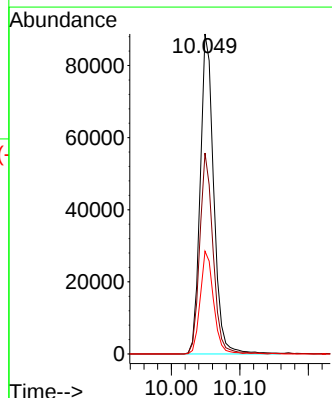
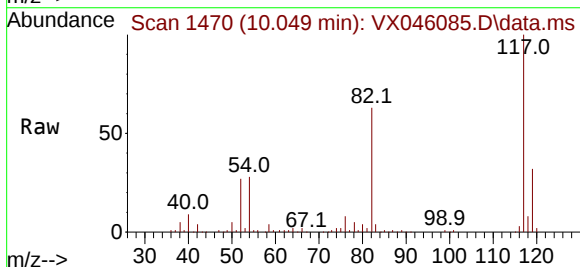
Tgt Ion: 117 Resp: 121918

Ion Ratio Lower Upper

117 100

82 62.8 50.6 76.0

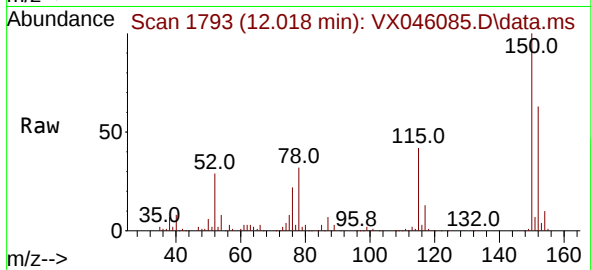
119 32.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046085.D
 Acq: 08 May 2025 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-BW-20250507



Tgt Ion:152 Resp: 50270
 Ion Ratio Lower Upper
 152 100
 115 65.8 46.9 140.7
 150 161.0 0.0 351.0

