

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045565.D
 Acq On : 03 Apr 2025 12:54
 Operator : JC/MD
 Sample : Q1711-04 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-040225

Quant Time: Apr 04 01:20:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

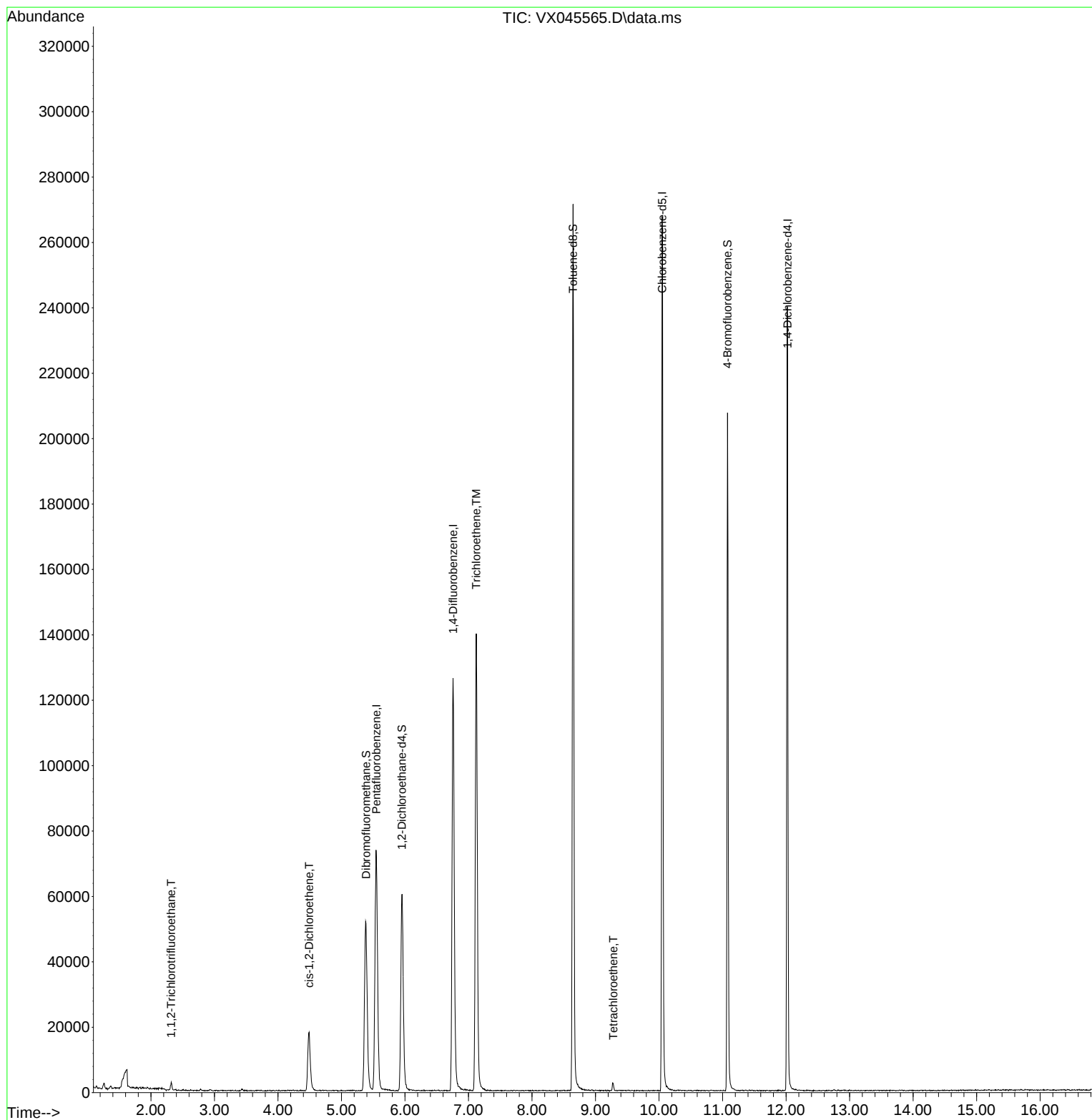
Internal Standards						
1) Pentafluorobenzene	5.550	168	62513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61054	53.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.820%	
35) Dibromofluoromethane	5.385	113	44834	52.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.480%	
50) Toluene-d8	8.647	98	154556	51.591	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	11.079	95	53684	49.196	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.400%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	750	0.977	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	10876	11.643	ug/l	90
44) Trichloroethene	7.123	130	49801	59.199	ug/l	96
64) Tetrachloroethene	9.281	164	428	0.542	ug/l #	69

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

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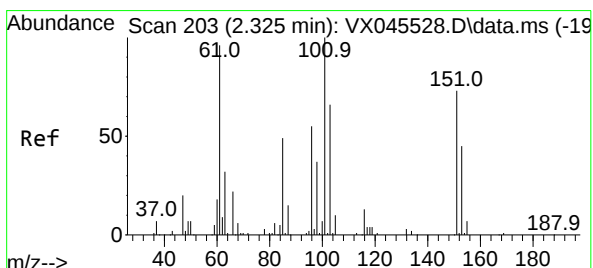
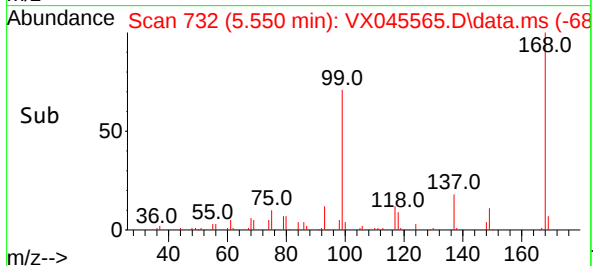
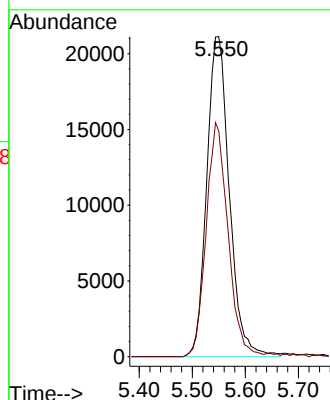
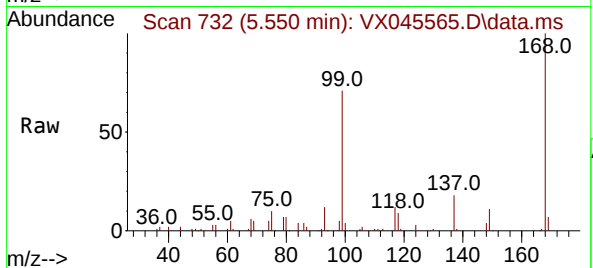




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045565.D
Acq: 03 Apr 2025 12:54

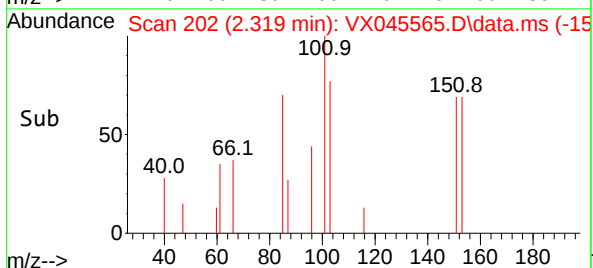
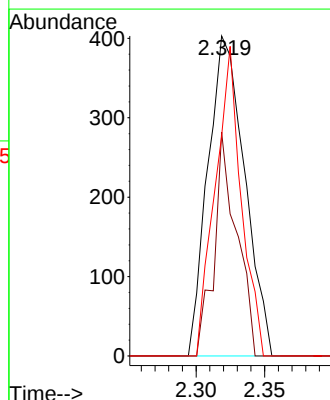
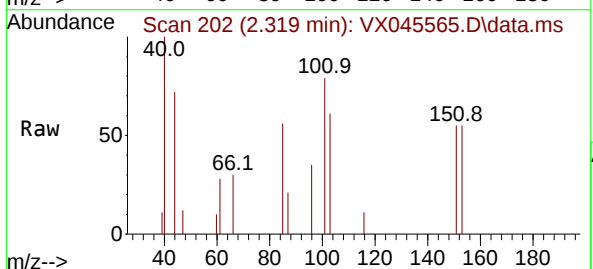
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

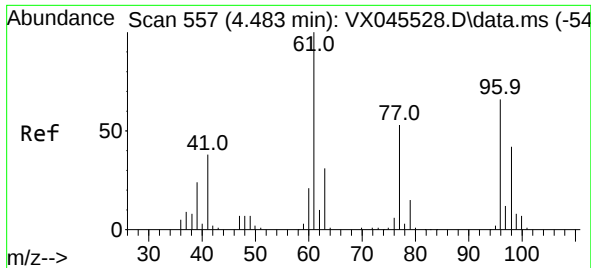
Tgt Ion:168 Resp: 62513
Ion Ratio Lower Upper
168 100
99 70.5 52.3 78.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.977 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX045565.D
Acq: 03 Apr 2025 12:54

Tgt Ion:101 Resp: 750
Ion Ratio Lower Upper
101 100
85 42.9 38.9 58.3
151 68.8 57.5 86.3





#27

cis-1,2-Dichloroethene

Concen: 11.643 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045565.D

Acq: 03 Apr 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-040225

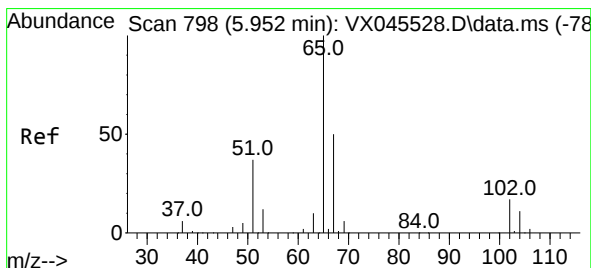
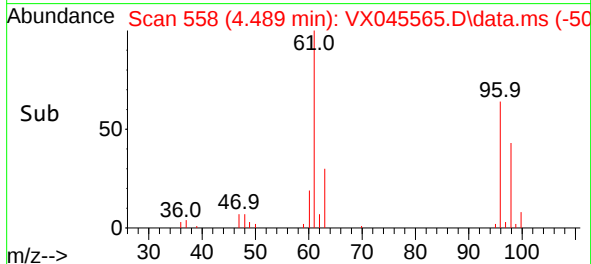
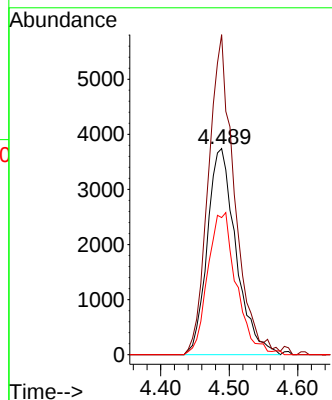
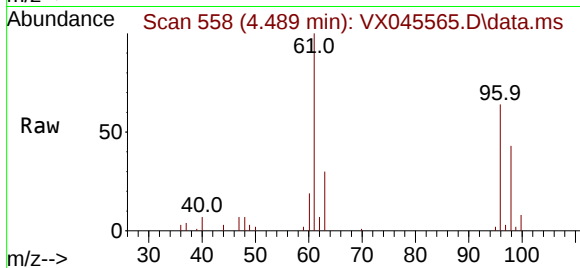
Tgt Ion: 96 Resp: 10876

Ion Ratio Lower Upper

96 100

61 141.7 0.0 313.2

98 69.3 0.0 126.4



#33

1,2-Dichloroethane-d4

Concen: 53.406 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045565.D

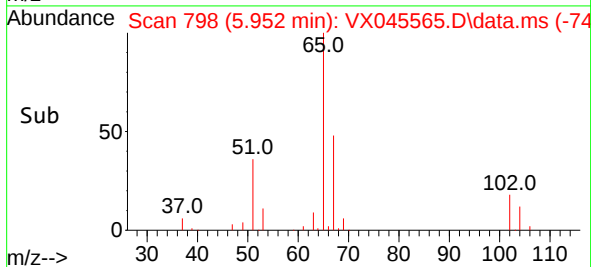
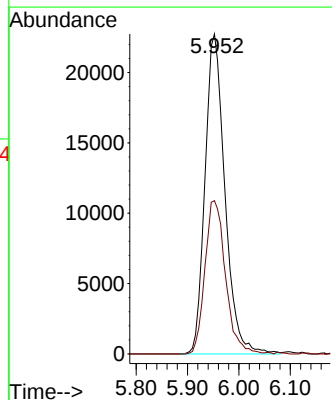
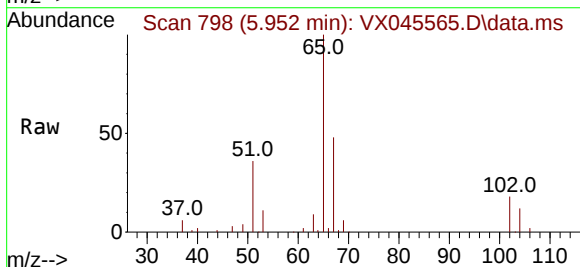
Acq: 03 Apr 2025 12:54

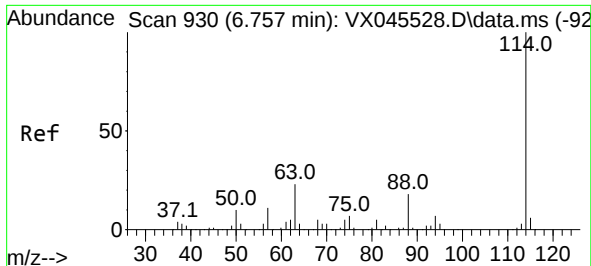
Tgt Ion: 65 Resp: 61054

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.0

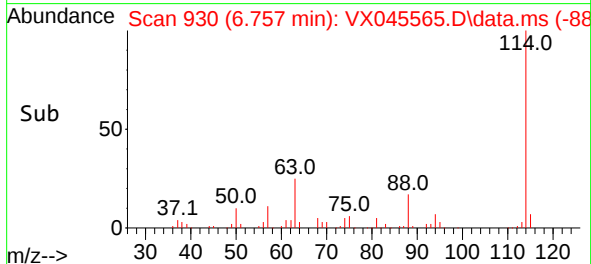
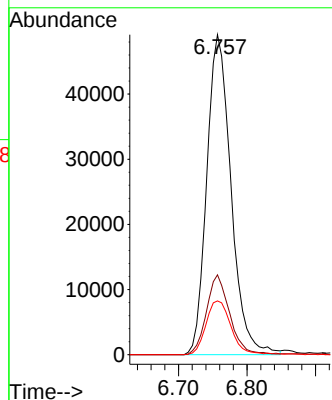
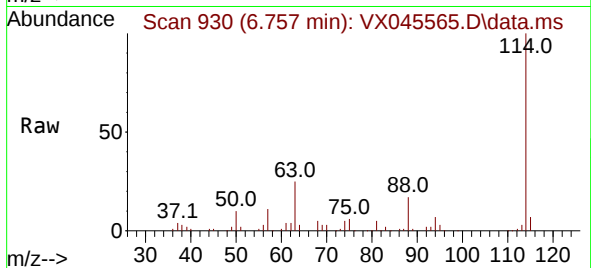




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045565.D
Acq: 03 Apr 2025 12:54

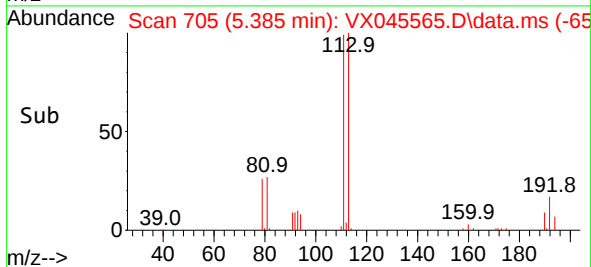
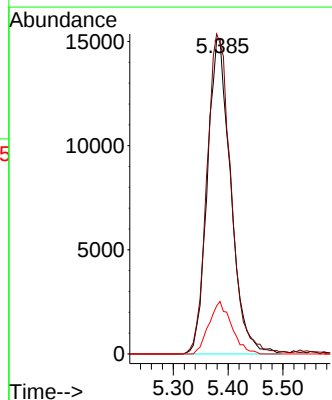
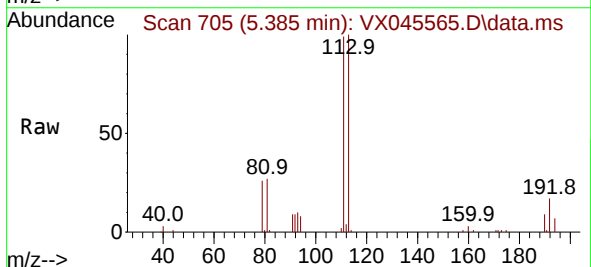
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

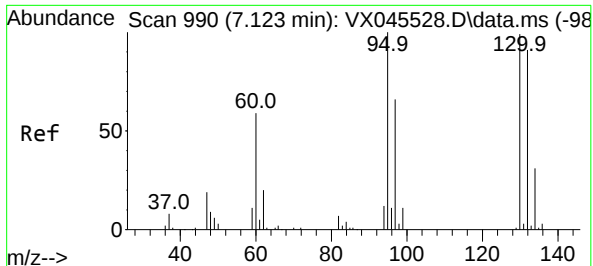
Tgt Ion:114 Resp: 120973
Ion Ratio Lower Upper
114 100
63 25.0 0.0 46.8
88 16.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.236 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045565.D
Acq: 03 Apr 2025 12:54

Tgt Ion:113 Resp: 44834
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 16.1 13.8 20.6

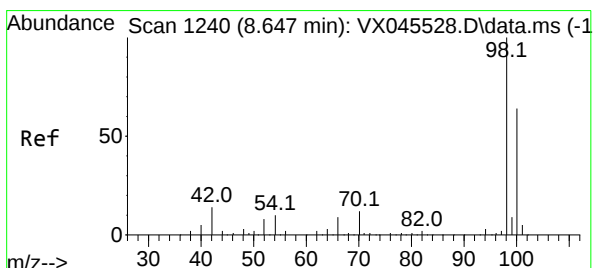
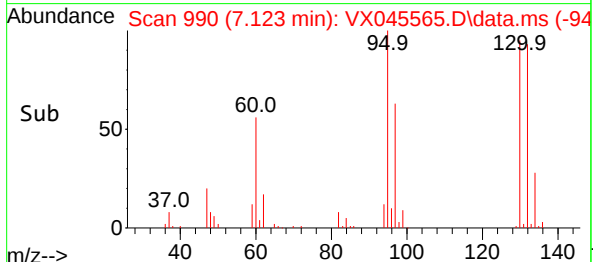
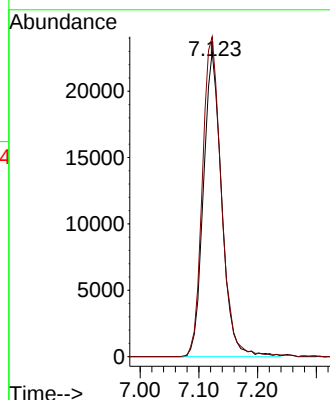
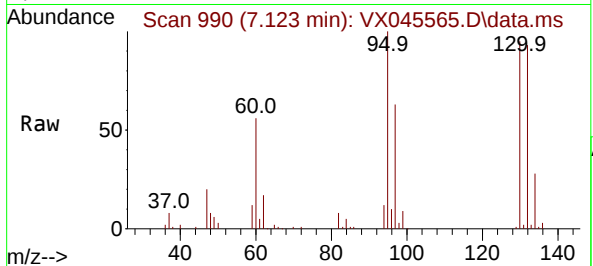




#44
Trichloroethene
Concen: 59.199 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045565.D
Acq: 03 Apr 2025 12:54

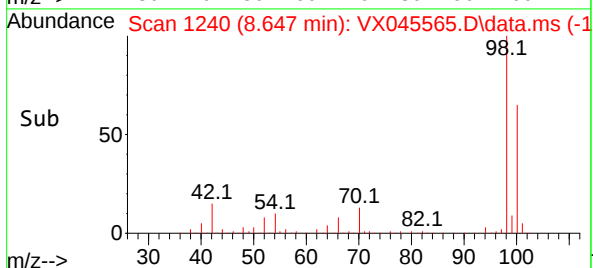
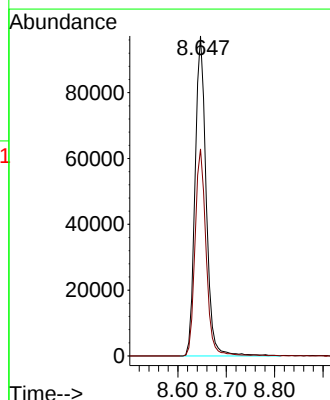
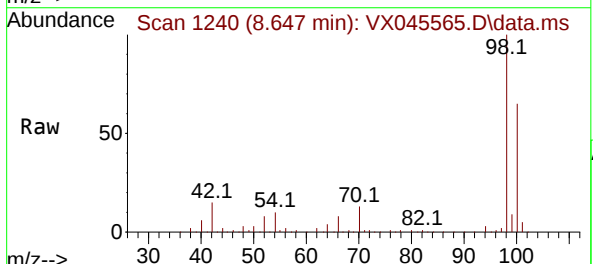
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

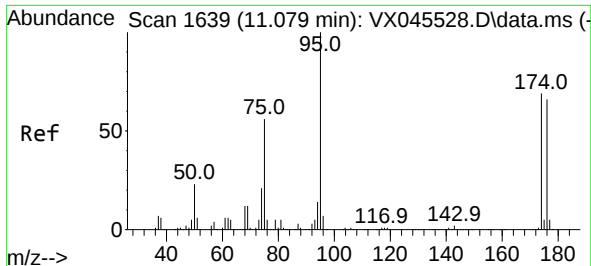
Tgt Ion:130 Resp: 49801
Ion Ratio Lower Upper
130 100
95 104.9 0.0 202.0



#50
Toluene-d8
Concen: 51.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045565.D
Acq: 03 Apr 2025 12:54

Tgt Ion: 98 Resp: 154556
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 49.196 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045565.D

Acq: 03 Apr 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-040225

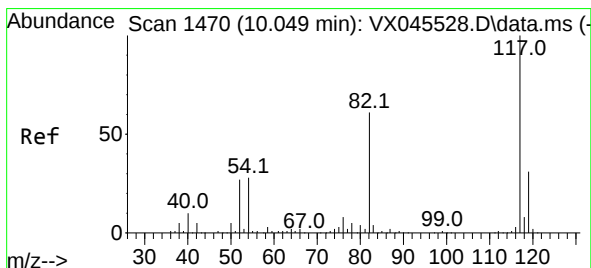
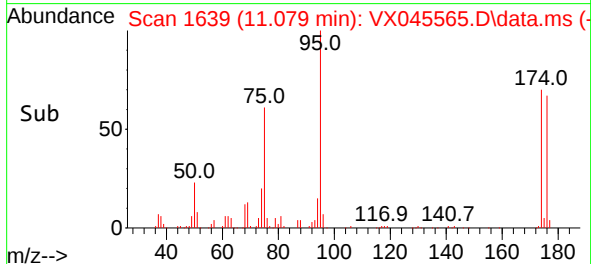
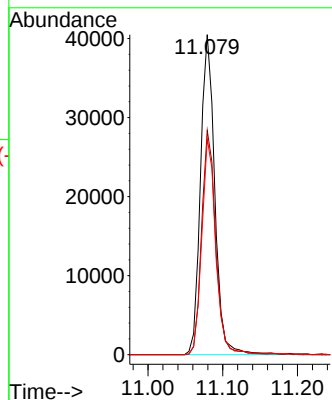
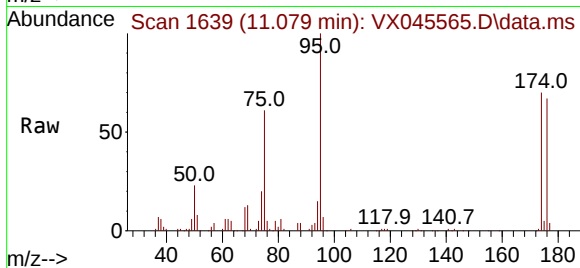
Tgt Ion: 95 Resp: 53684

Ion Ratio Lower Upper

95 100

174 69.7 0.0 135.8

176 65.8 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: VX045565.D

Acq: 03 Apr 2025 12:54

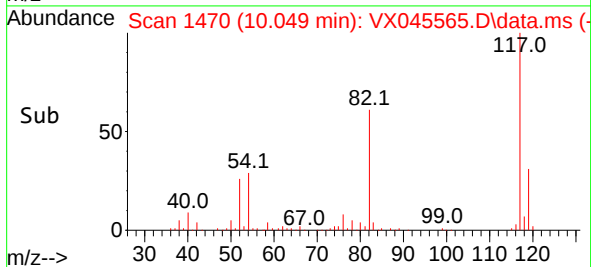
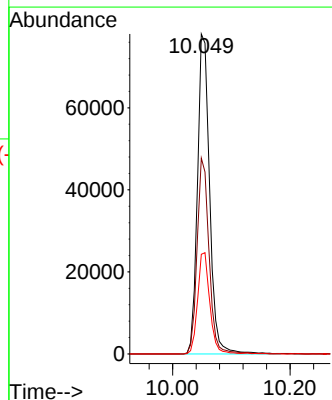
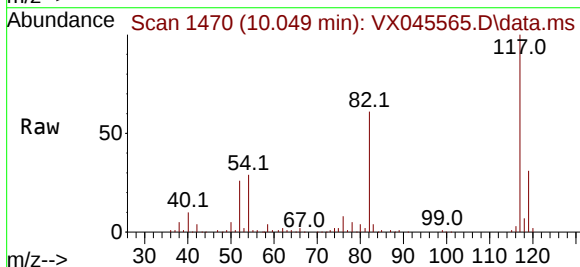
Tgt Ion: 117 Resp: 111910

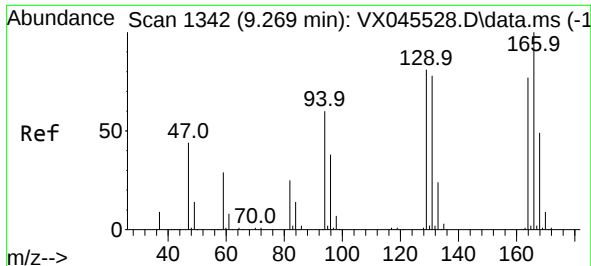
Ion Ratio Lower Upper

117 100

82 61.2 49.2 73.8

119 31.2 25.1 37.7

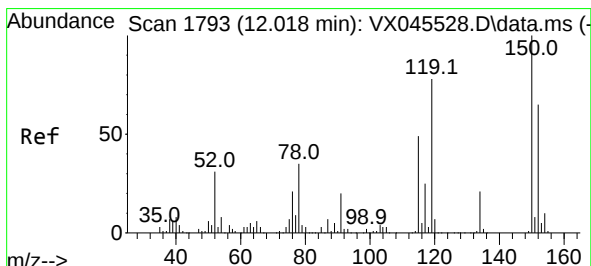
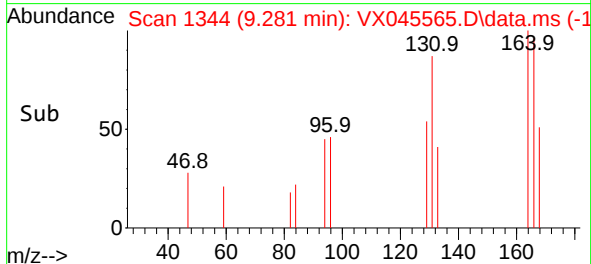
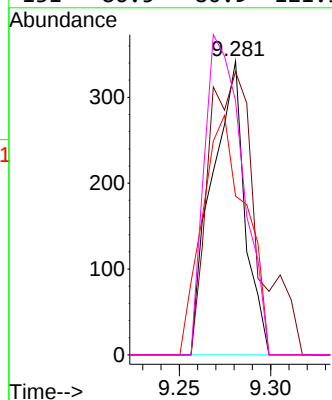
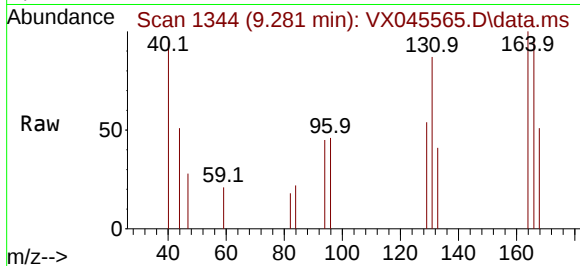




#64
Tetrachloroethene
Concen: 0.542 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045565.D
Acq: 03 Apr 2025 12:54

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Tgt Ion:164 Resp: 428
Ion Ratio Lower Upper
164 100
166 96.5 103.8 155.8#
129 54.1 84.3 126.5#
131 86.5 80.9 121.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045565.D
Acq: 03 Apr 2025 12:54

Tgt Ion:152 Resp: 43251
Ion Ratio Lower Upper
152 100
115 65.9 46.9 140.7
150 161.5 0.0 349.4

