

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045220.D
 Acq On : 11 Mar 2025 13:36
 Operator : JC/MD
 Sample : Q1500-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20250305DL

Quant Time: Mar 12 01:48:14 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)

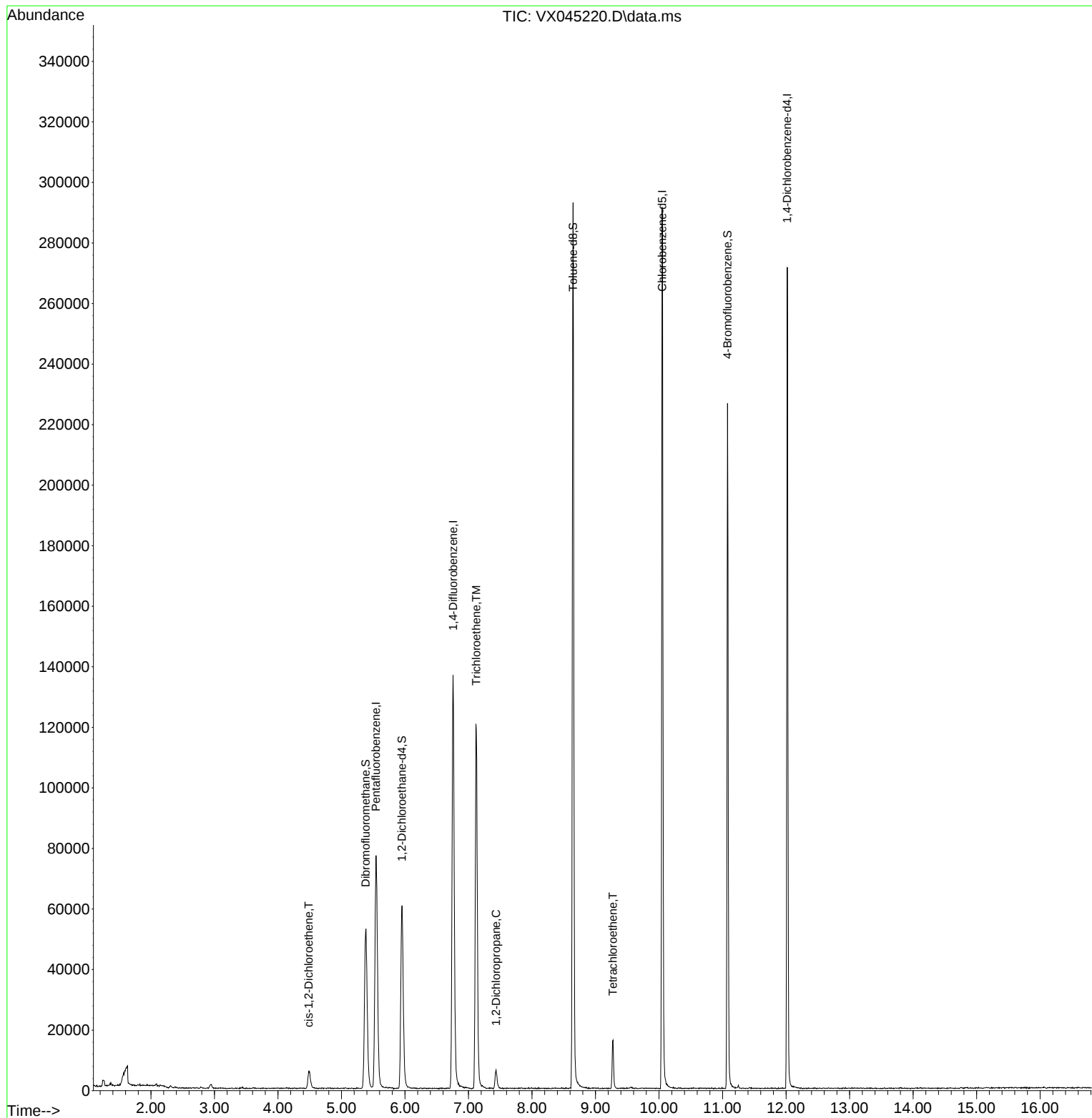
Internal Standards						
1) Pentafluorobenzene	5.544	168	68963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58212	53.067	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.140%			
35) Dibromofluoromethane	5.379	113	46412	51.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	8.647	98	169965	51.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.360%			
62) 4-Bromofluorobenzene	11.079	95	57299	52.578	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.160%			
Target Compounds						
27) cis-1,2-Dichloroethene	4.483	96	3795	3.672	ug/l	97
44) Trichloroethene	7.123	130	45855	49.711	ug/l	100
45) 1,2-Dichloropropane	7.434	63	2537	2.512	ug/l	92
64) Tetrachloroethene	9.275	164	3048	3.772	ug/l	94

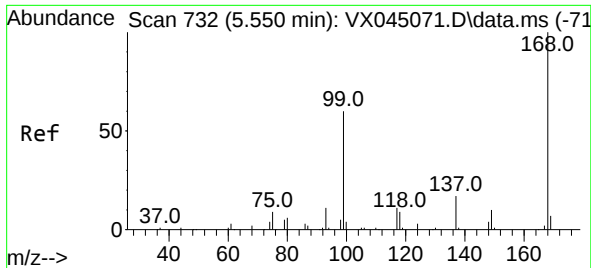
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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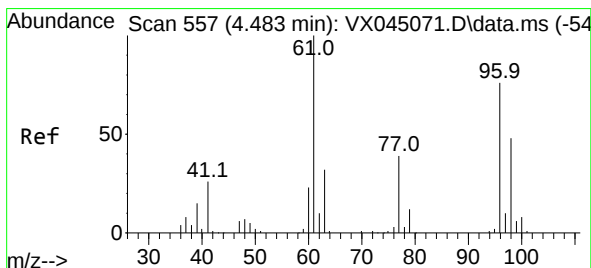
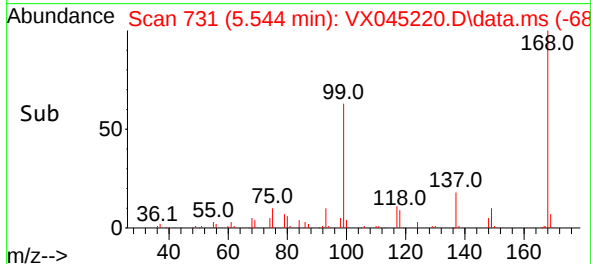
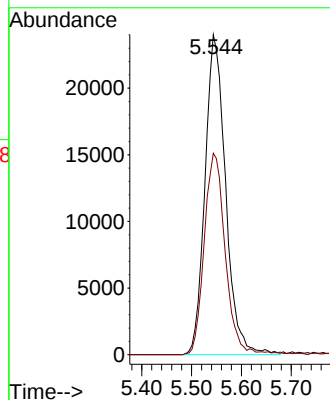
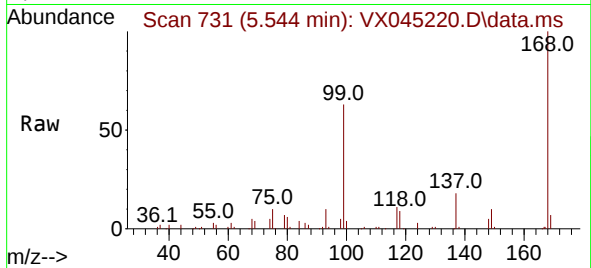




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

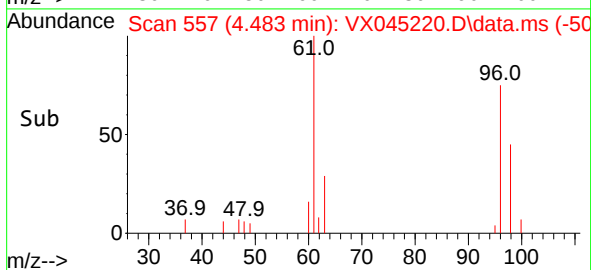
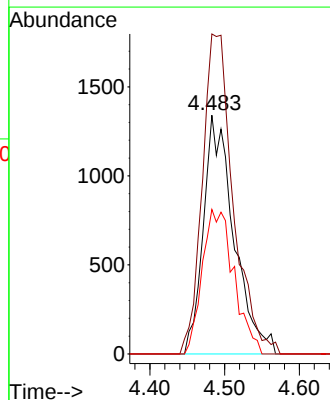
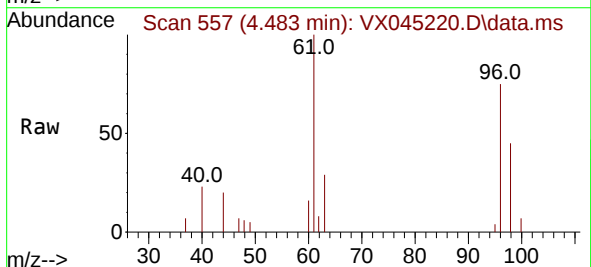
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20250305DL

Tgt Ion:168 Resp: 68963
Ion Ratio Lower Upper
168 100
99 62.9 48.2 72.4



#27
cis-1,2-Dichloroethene
Concen: 3.672 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

Tgt Ion: 96 Resp: 3795
Ion Ratio Lower Upper
96 100
61 136.3 0.0 283.2
98 62.7 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 53.067 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045220.D

Acq: 11 Mar 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

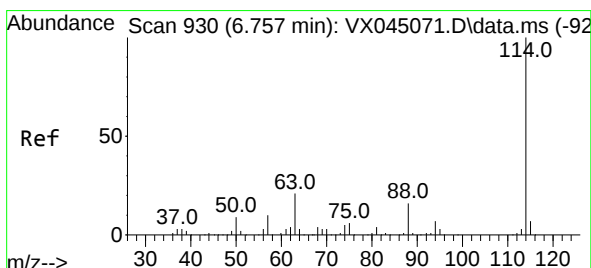
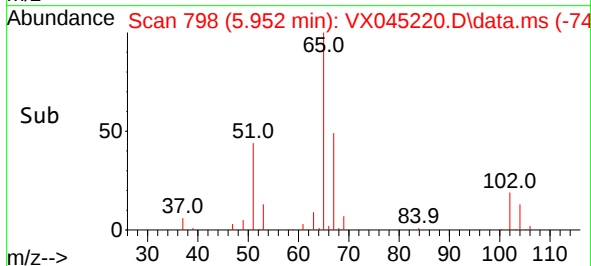
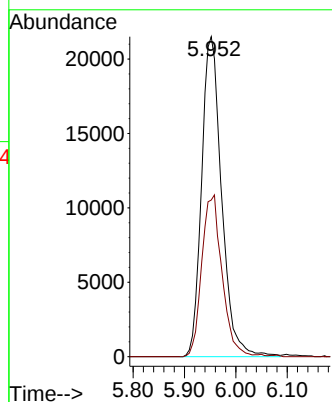
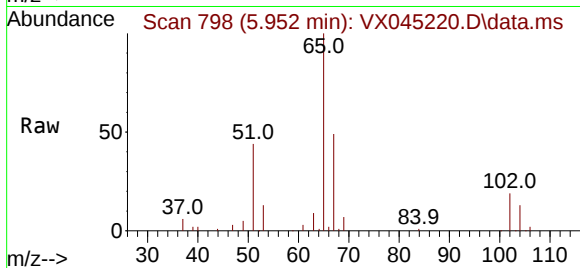
MW17811-20250305DL

Tgt Ion: 65 Resp: 58212

Ion Ratio Lower Upper

65 100

67 51.3 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: VX045220.D

Acq: 11 Mar 2025 13:36

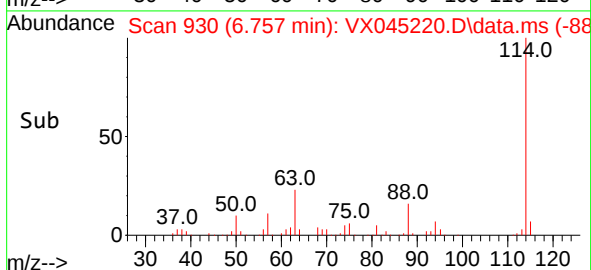
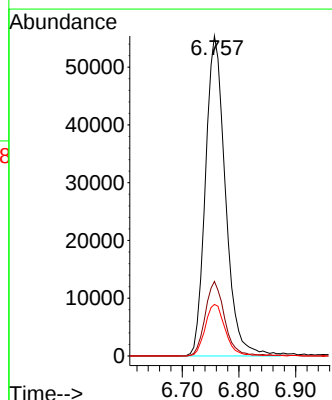
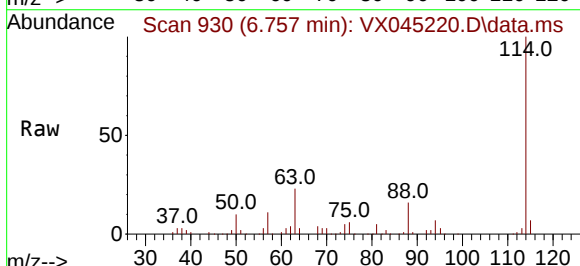
Tgt Ion: 114 Resp: 135664

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.162 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045220.D

Acq: 11 Mar 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

MW17811-20250305DL

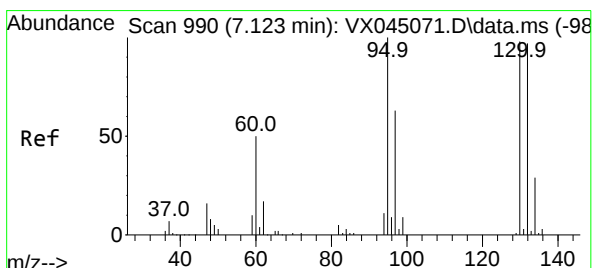
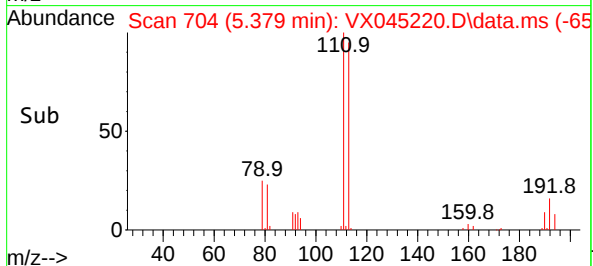
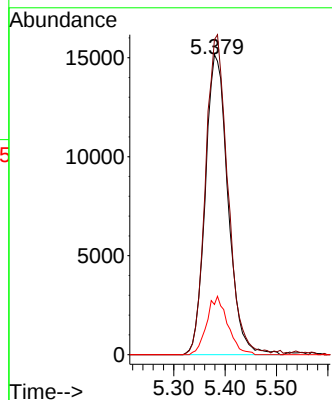
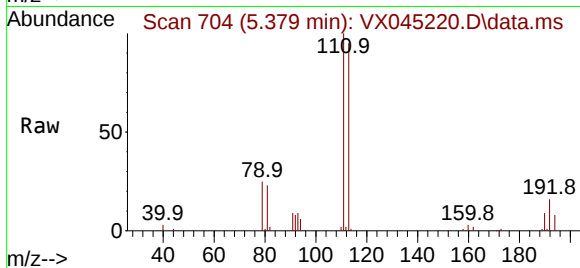
Tgt Ion:113 Resp: 46412

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.6

192 18.0 14.3 21.5



#44

Trichloroethene

Concen: 49.711 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045220.D

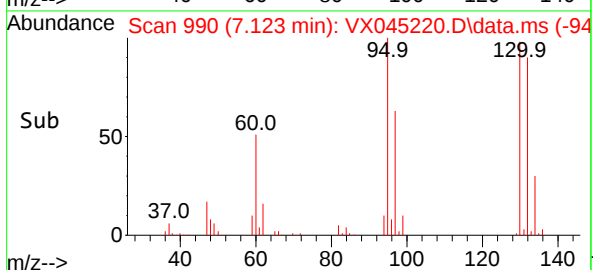
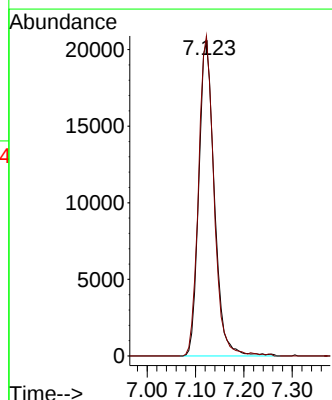
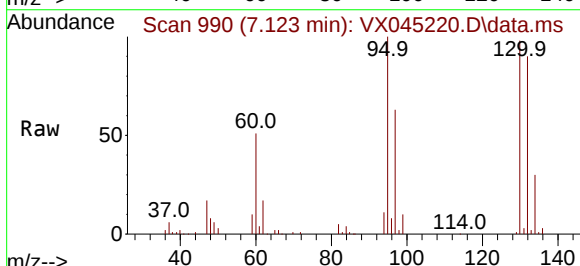
Acq: 11 Mar 2025 13:36

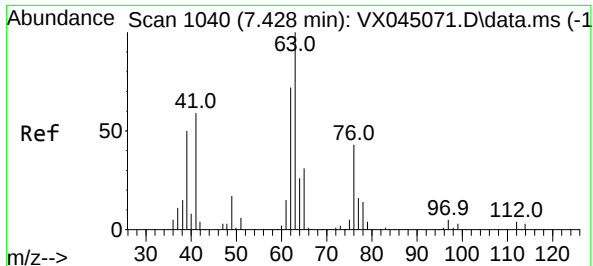
Tgt Ion:130 Resp: 45855

Ion Ratio Lower Upper

130 100

95 102.1 0.0 205.0





#45

1,2-Dichloropropane

Concen: 2.512 ug/l

RT: 7.434 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VX045220.D

Acq: 11 Mar 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

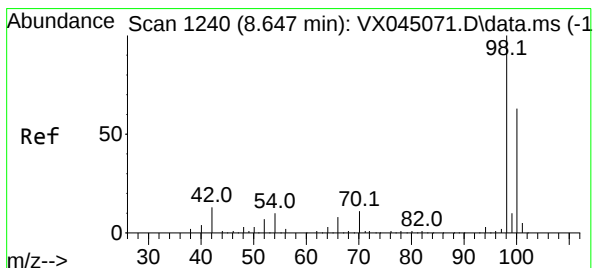
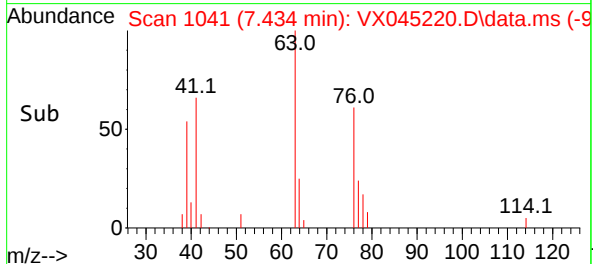
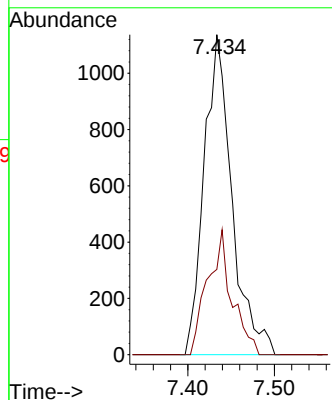
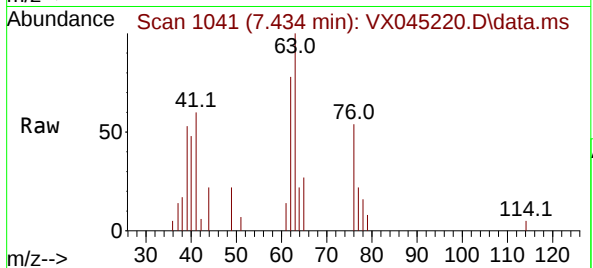
MW17811-20250305DL

Tgt Ion: 63 Resp: 2537

Ion Ratio Lower Upper

63 100

65 26.6 24.7 37.1



#50

Toluene-d8

Concen: 51.681 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045220.D

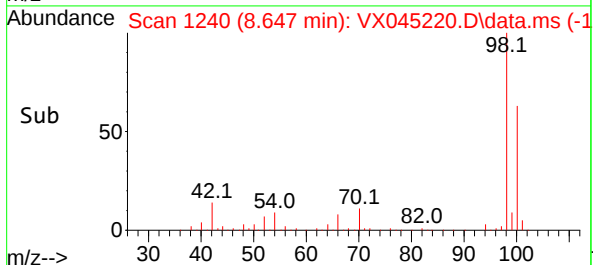
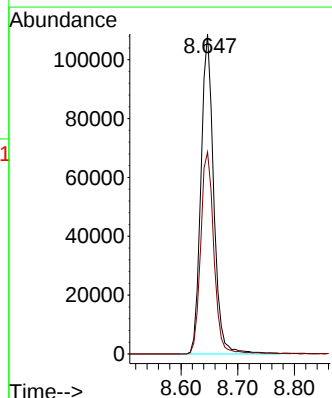
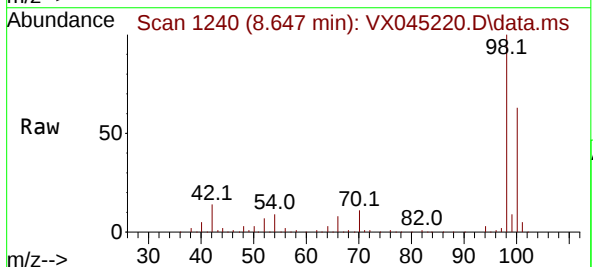
Acq: 11 Mar 2025 13:36

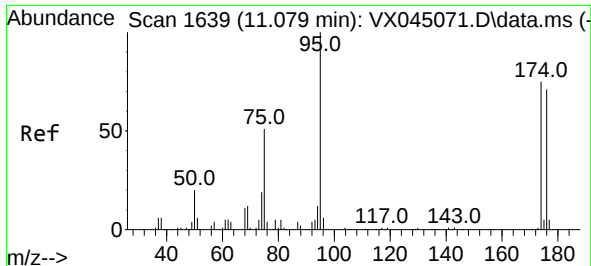
Tgt Ion: 98 Resp: 169965

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.578 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045220.D

Acq: 11 Mar 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

MW17811-20250305DL

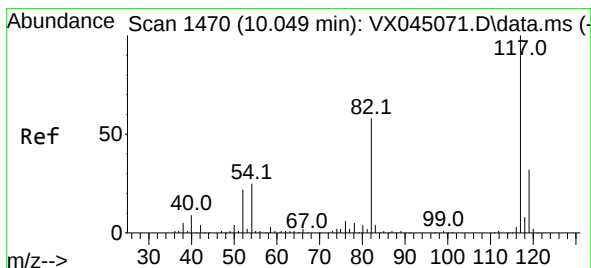
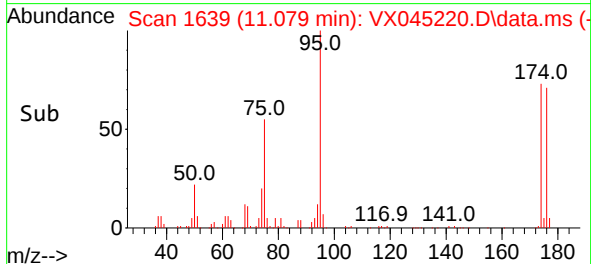
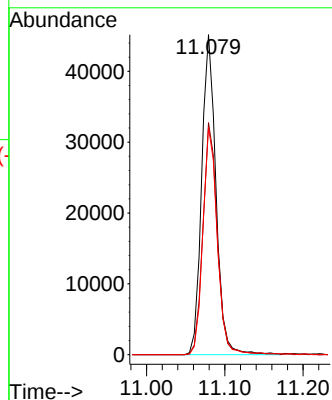
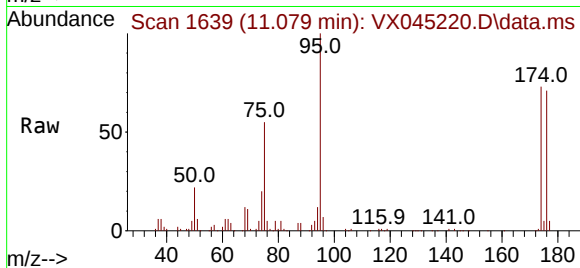
Tgt Ion: 95 Resp: 57299

Ion Ratio Lower Upper

95 100

174 73.4 0.0 148.2

176 71.6 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: VX045220.D

Acq: 11 Mar 2025 13:36

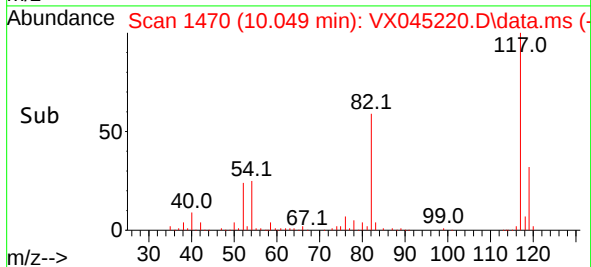
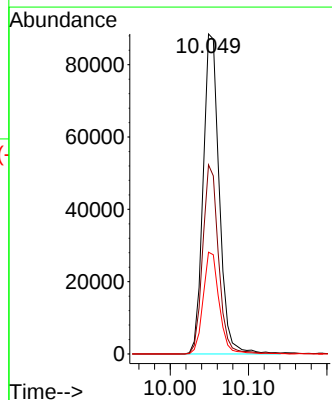
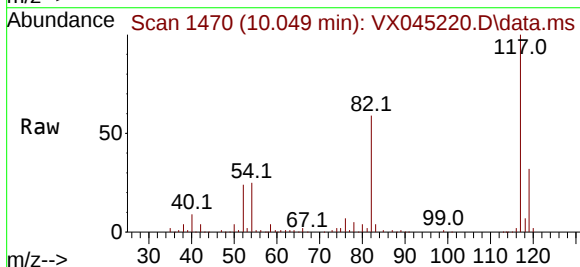
Tgt Ion: 117 Resp: 126161

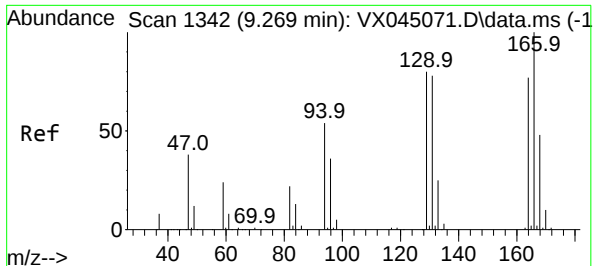
Ion Ratio Lower Upper

117 100

82 59.1 46.3 69.5

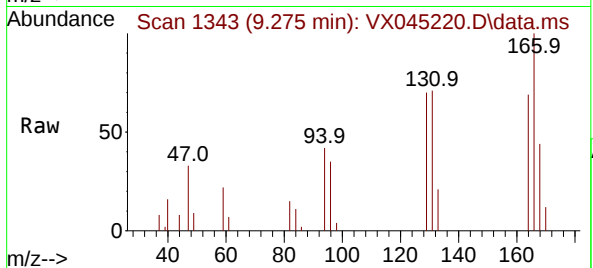
119 31.8 25.7 38.5



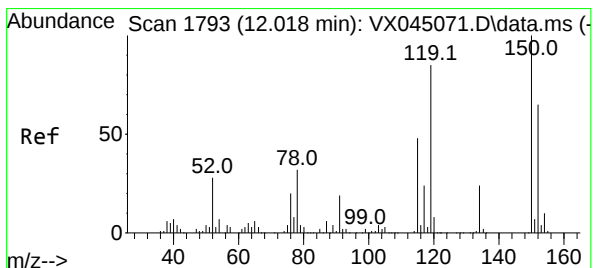
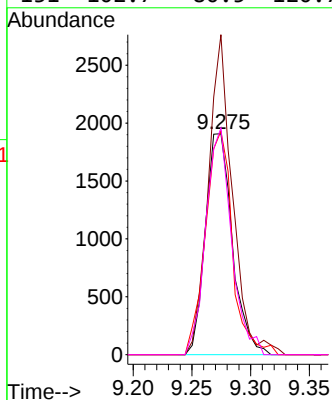
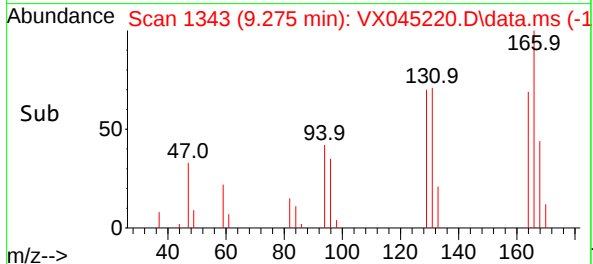


#64
Tetrachloroethene
Concen: 3.772 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

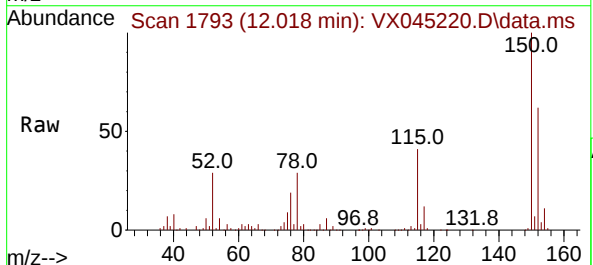
Instrument :
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ClientSampleId :
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Tgt Ion:	164	Resp:	3048
Ion	Ratio	Lower	Upper
164	100		
166	144.9	103.6	155.4
129	101.2	82.7	124.1
131	102.7	80.5	120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36



Tgt Ion:	152	Resp:	51397
Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.2	132.6
150	157.7	0.0	349.0

