

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045398.D
 Acq On : 21 Mar 2025 19:08
 Operator : JC/MD
 Sample : Q1608-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20250317

Quant Time: Mar 21 23:20:26 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)

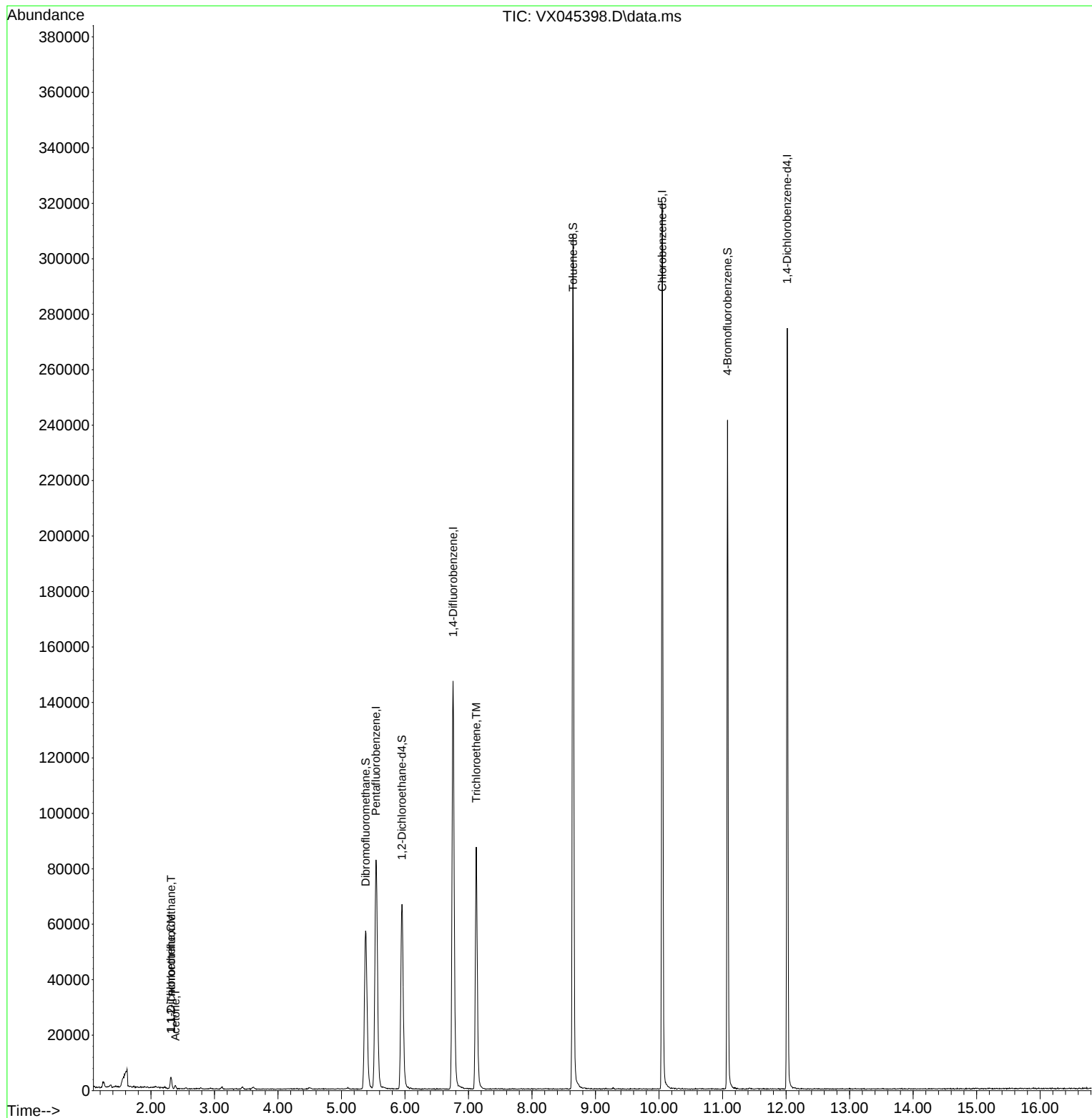
Internal Standards						
1) Pentafluorobenzene	5.544	168	72170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65922	57.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.840%
35) Dibromofluoromethane	5.379	113	49933	52.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.140%
50) Toluene-d8	8.647	98	180569	52.442	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.880%
62) 4-Bromofluorobenzene	11.079	95	59987	52.575	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.160%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	866	1.032	ug/l	93
12) 1,1-Dichloroethene	2.313	96	848	0.956	ug/l	96
16) Acetone	2.386	43	1185	2.225	ug/l	99
44) Trichloroethene	7.123	130	30751	31.841	ug/l	91

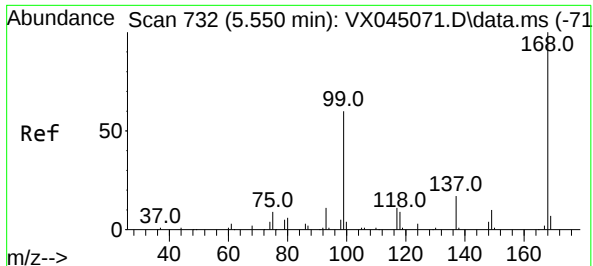
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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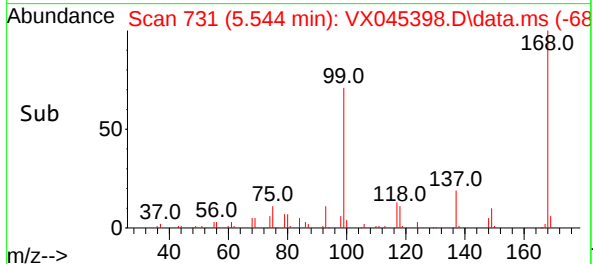
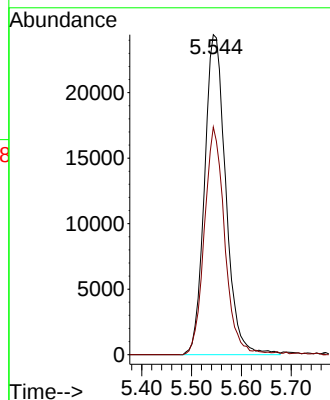
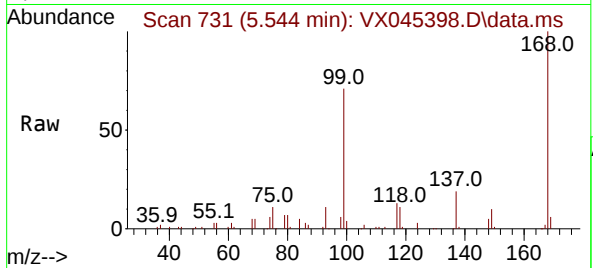




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

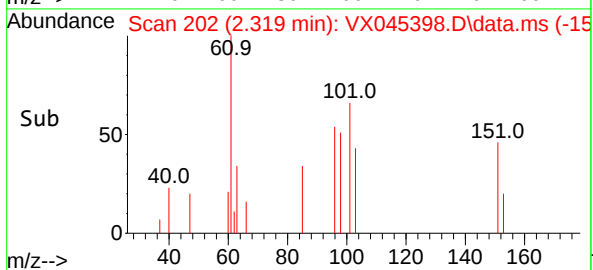
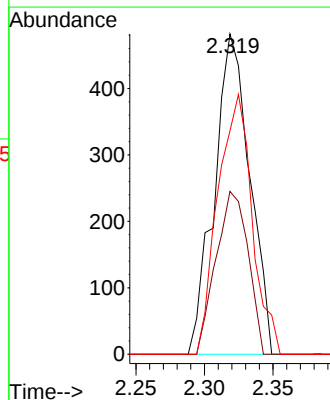
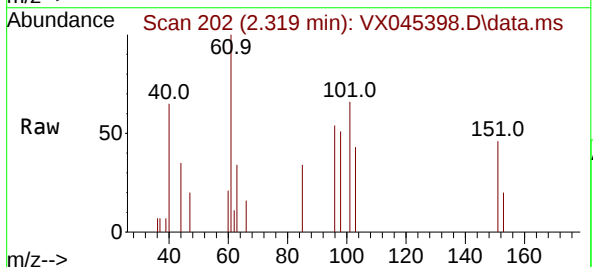
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20250317

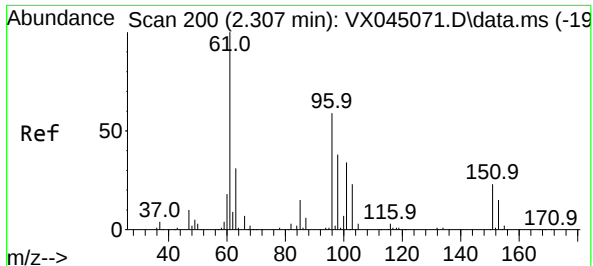
Tgt Ion:168 Resp: 72170
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.032 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion:101 Resp: 866
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 78.6 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.956 ug/l

RT: 2.313 min Scan# 200

Delta R.T. 0.006 min

Lab File: VX045398.D

Acq: 21 Mar 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20250317

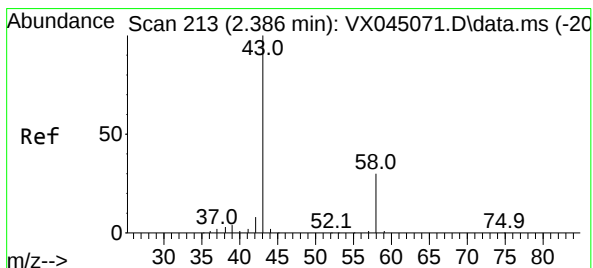
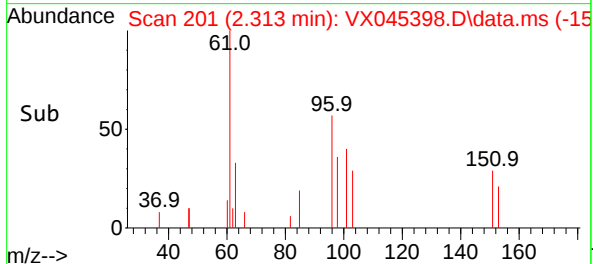
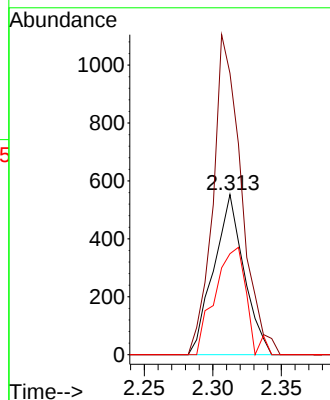
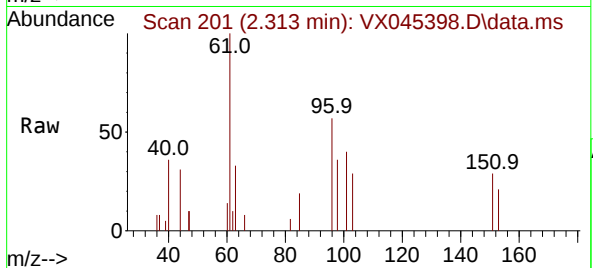
Tgt Ion: 96 Resp: 848

Ion Ratio Lower Upper

96 100

61 175.8 134.6 202.0

98 63.1 51.0 76.6



#16

Acetone

Concen: 2.225 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045398.D

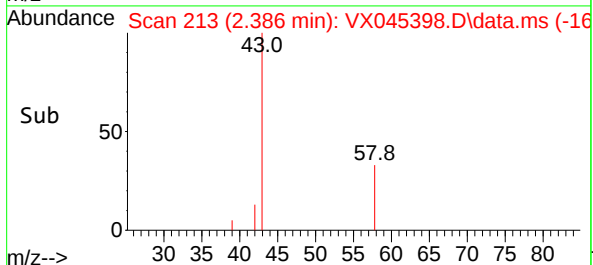
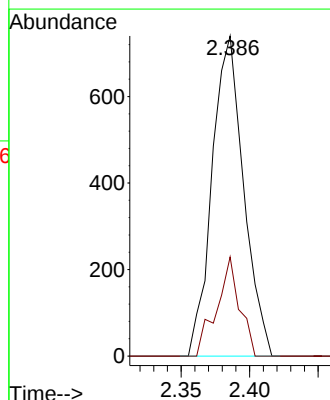
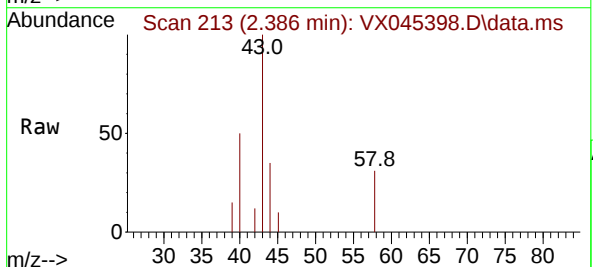
Acq: 21 Mar 2025 19:08

Tgt Ion: 43 Resp: 1185

Ion Ratio Lower Upper

43 100

58 30.9 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 57.425 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045398.D

Acq: 21 Mar 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

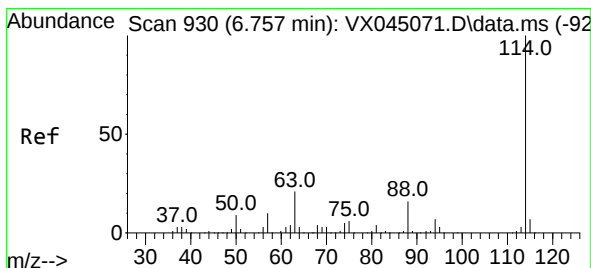
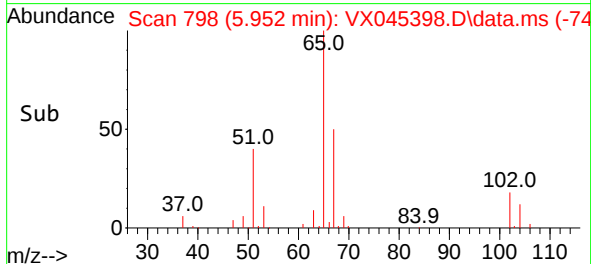
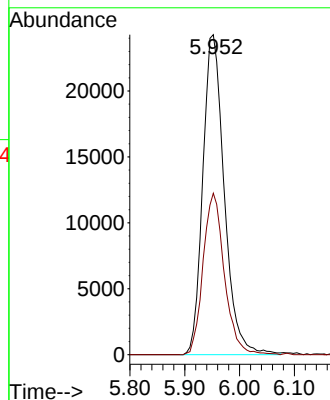
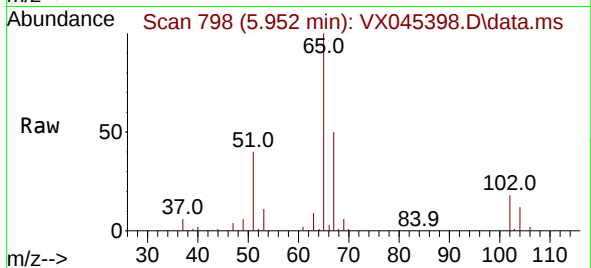
DUP07-20250317

Tgt Ion: 65 Resp: 65922

Ion Ratio Lower Upper

65 100

67 50.1 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: VX045398.D

Acq: 21 Mar 2025 19:08

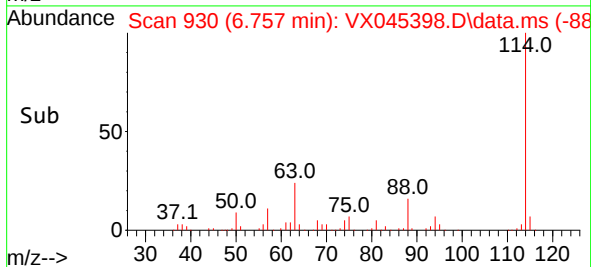
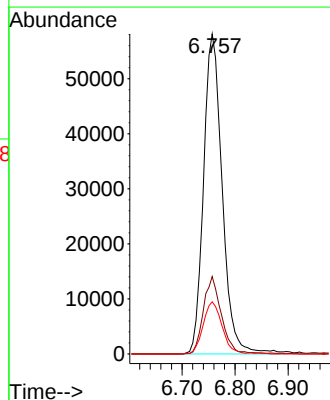
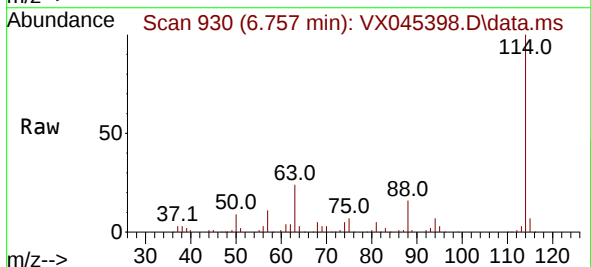
Tgt Ion: 114 Resp: 142036

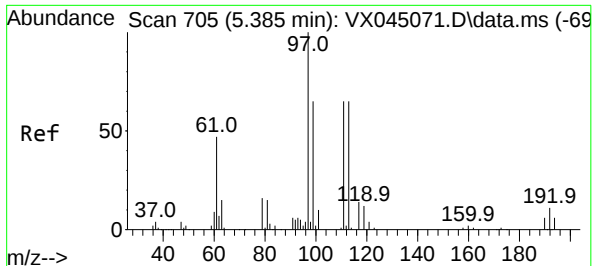
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.574 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045398.D

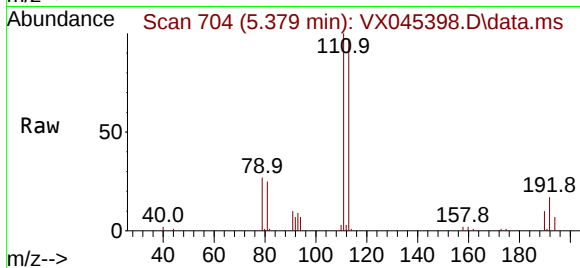
Acq: 21 Mar 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20250317



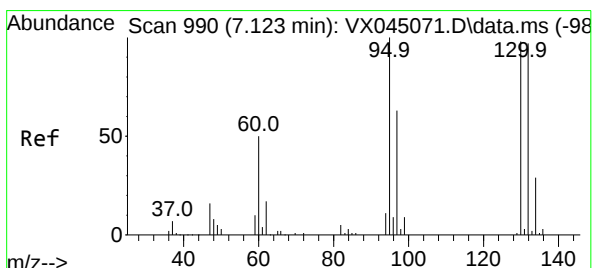
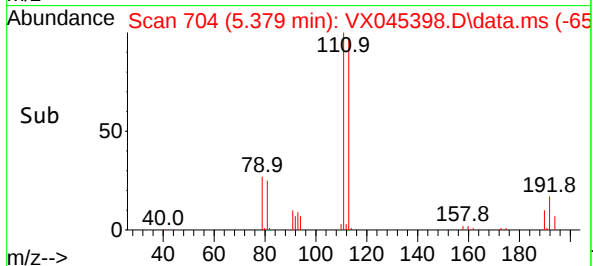
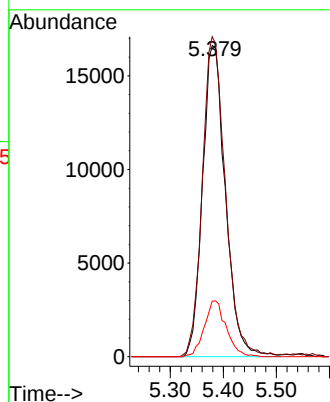
Tgt Ion:113 Resp: 49933

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

192 17.1 14.3 21.5



#44

Trichloroethene

Concen: 31.841 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045398.D

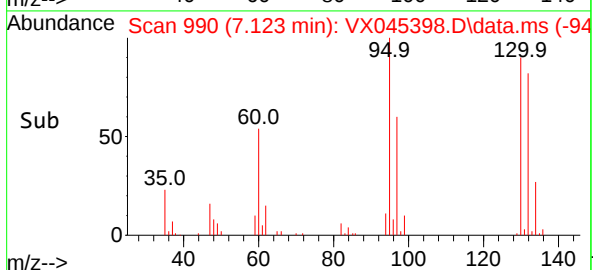
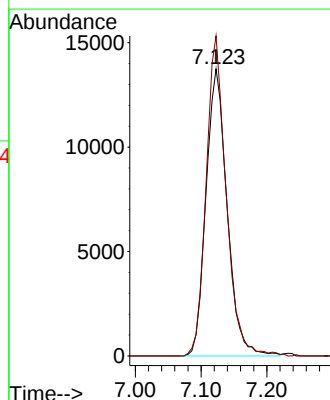
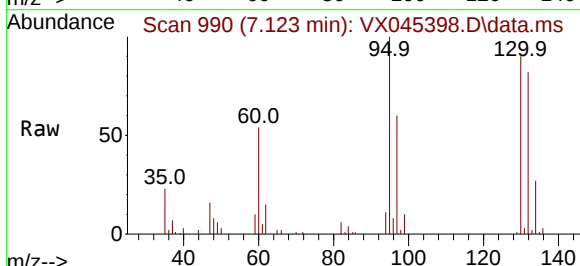
Acq: 21 Mar 2025 19:08

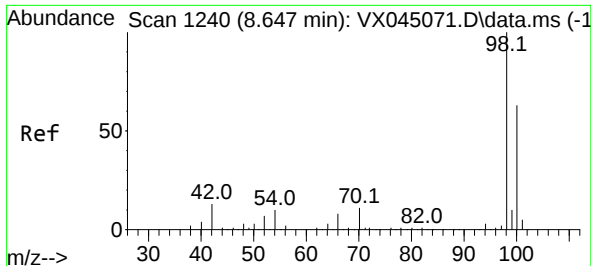
Tgt Ion:130 Resp: 30751

Ion Ratio Lower Upper

130 100

95 111.5 0.0 205.0

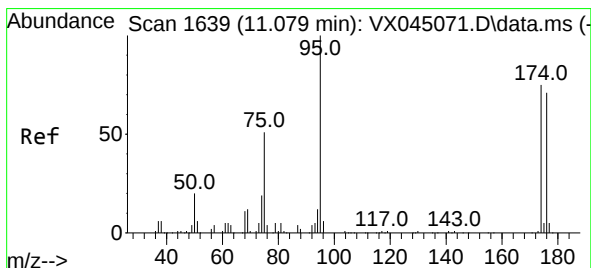
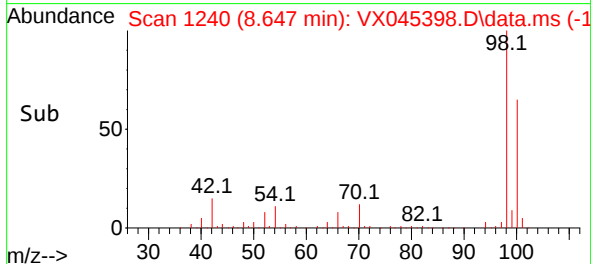
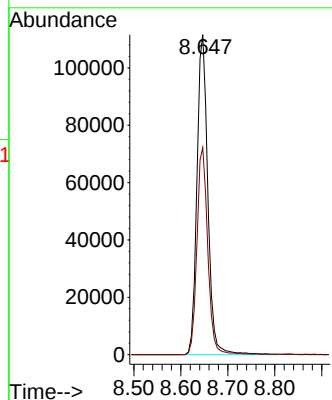
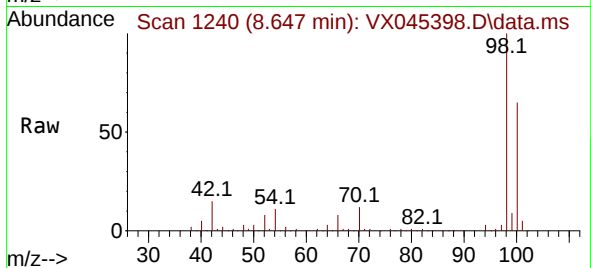




#50
Toluene-d8
Concen: 52.442 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

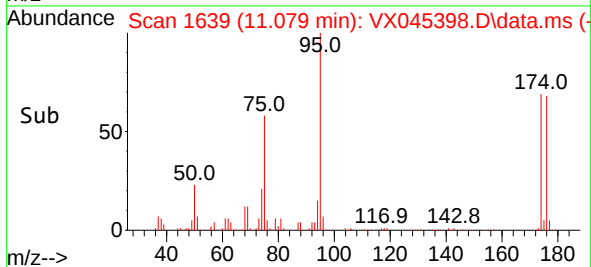
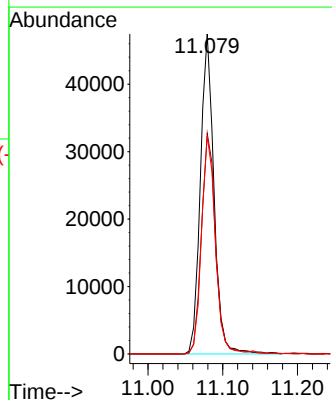
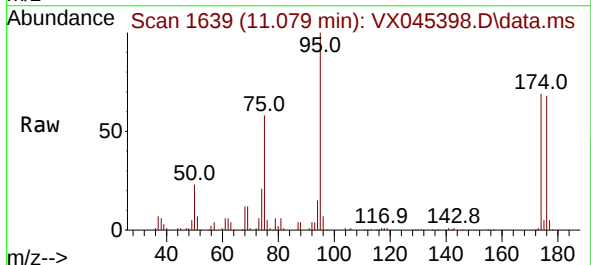
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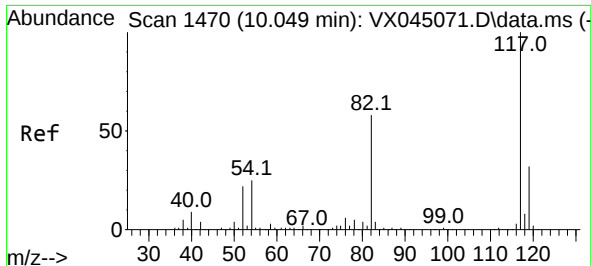
Tgt Ion: 98 Resp: 180569
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion: 95 Resp: 59987
Ion Ratio Lower Upper
95 100
174 71.4 0.0 148.2
176 68.8 0.0 141.4

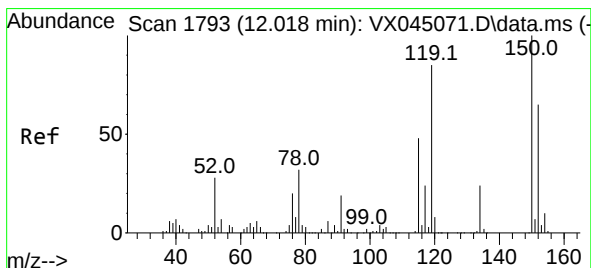
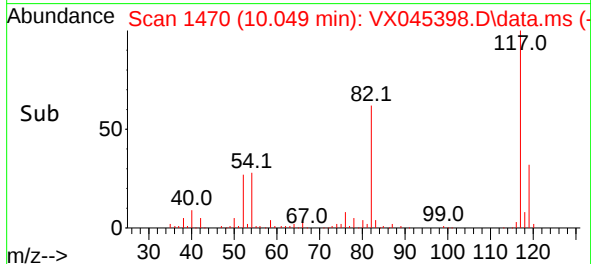
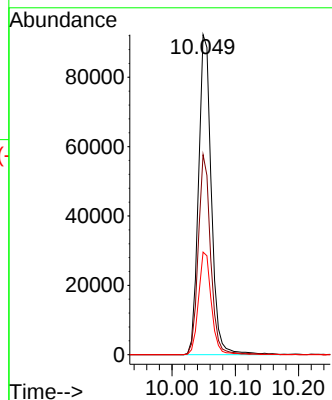
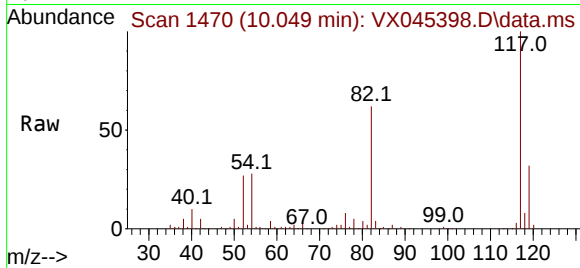




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 130424
Ion Ratio Lower Upper
117 100
82 62.5 46.3 69.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion:152 Resp: 50856
Ion Ratio Lower Upper
152 100
115 62.9 44.2 132.6
150 159.8 0.0 349.0

