

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035697.D
 Acq On : 16 May 2023 17:36
 Operator : JC/MD
 Sample : 02615-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-2

Quant Time: May 17 05:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

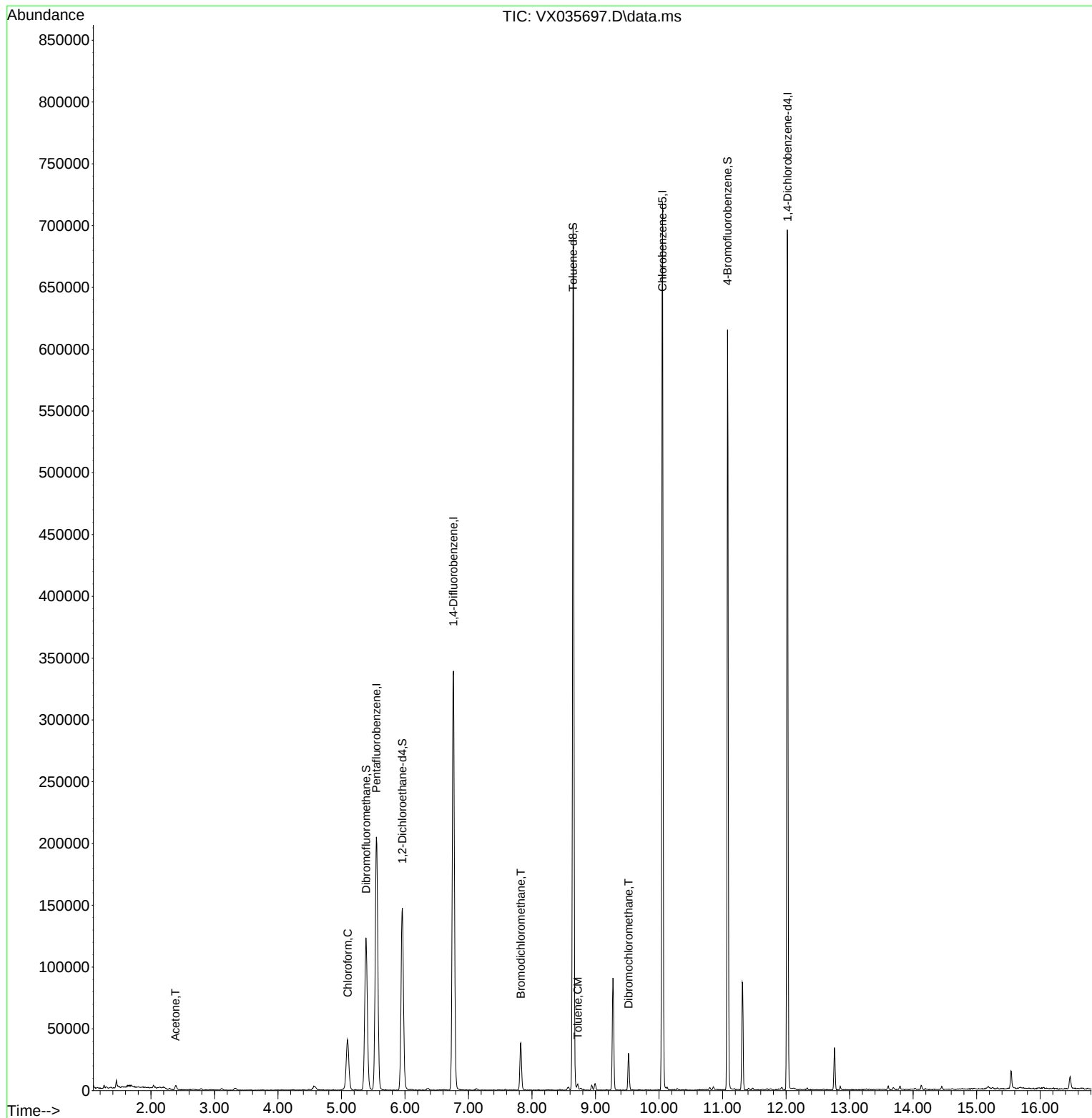
Internal Standards						
1) Pentafluorobenzene	5.550	168	173610	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	325420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149843	49.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.940%
35) Dibromofluoromethane	5.385	113	106036	48.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.640%
50) Toluene-d8	8.647	98	391307	48.265	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	161333	49.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.840%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	4697	3.608	ug/l	91
30) Chloroform	5.099	83	47926	10.783	ug/l	94
47) Bromodichloromethane	7.824	83	23637	6.961	ug/l	96
52) Toluene	8.720	92	1583	0.259	ug/l	97
60) Dibromochloromethane	9.519	129	8043	3.512	ug/l	98

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

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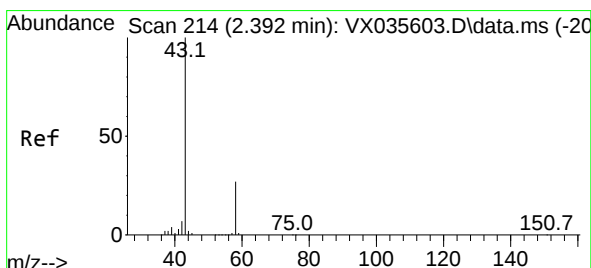
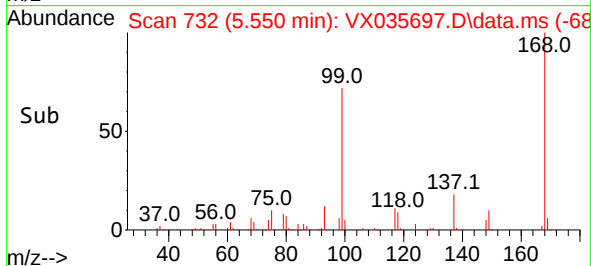
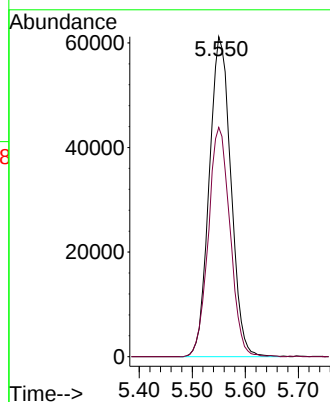
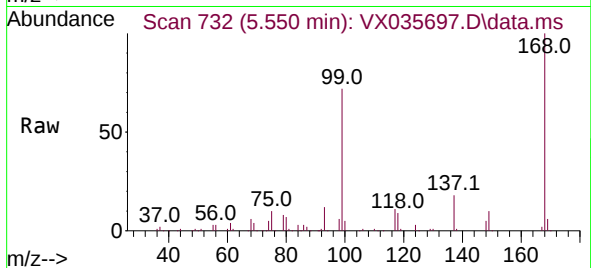




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035697.D
Acq: 16 May 2023 17:36

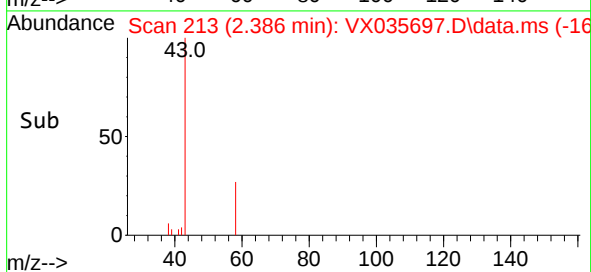
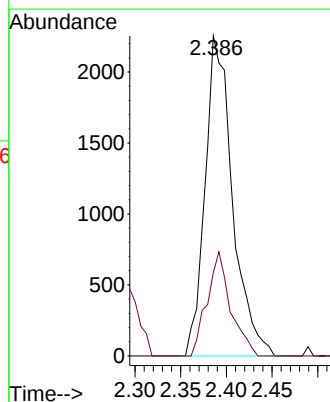
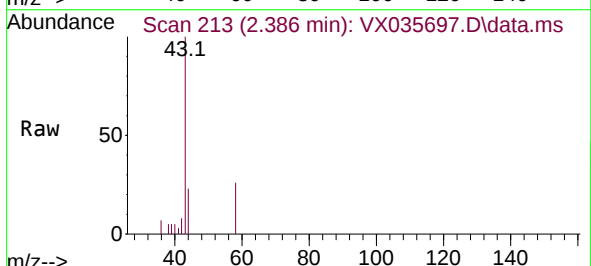
Instrument :
MSVOA_X
ClientSampleId :
002-2

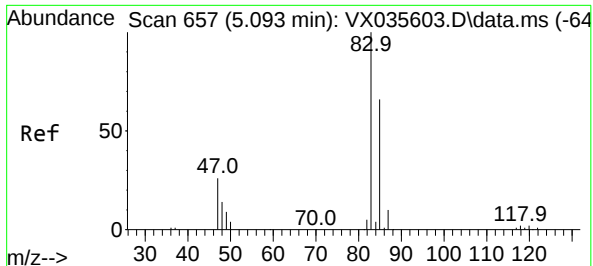
Tgt Ion:168 Resp: 173610
Ion Ratio Lower Upper
168 100
99 71.7 45.7 68.5#



#16
Acetone
Concen: 3.608 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035697.D
Acq: 16 May 2023 17:36

Tgt Ion: 43 Resp: 4697
Ion Ratio Lower Upper
43 100
58 26.0 24.7 37.1





#30

Chloroform

Concen: 10.783 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX035697.D

Acq: 16 May 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

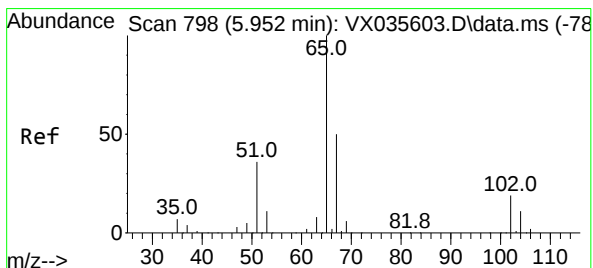
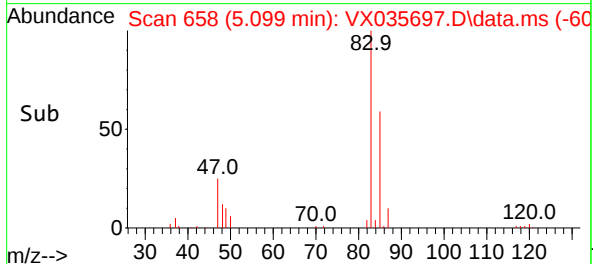
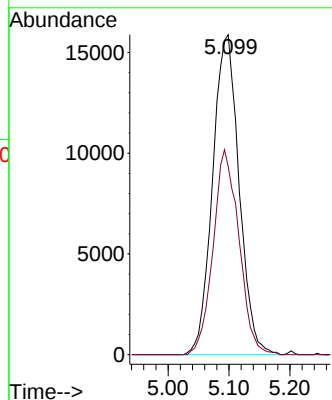
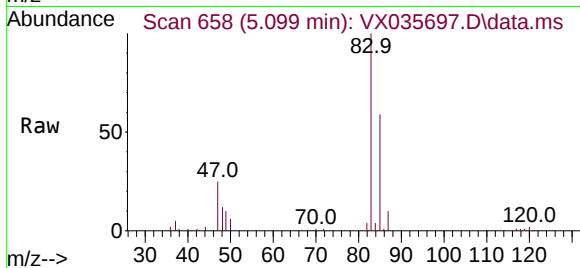
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Tgt Ion: 83 Resp: 47926

Ion Ratio Lower Upper

83 100

85 58.8 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 49.475 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX035697.D

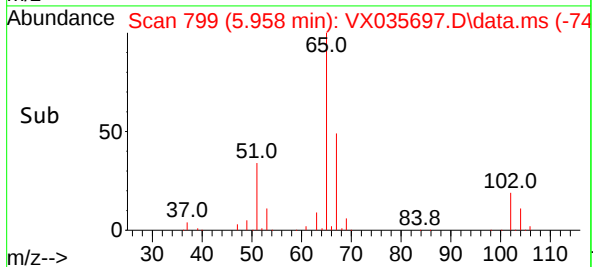
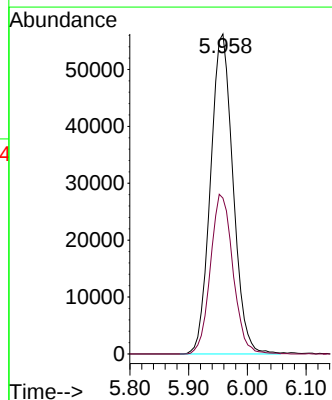
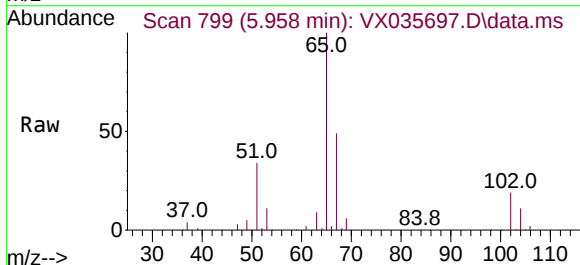
Acq: 16 May 2023 17:36

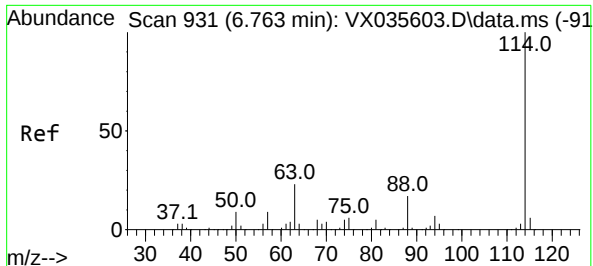
Tgt Ion: 65 Resp: 149843

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0

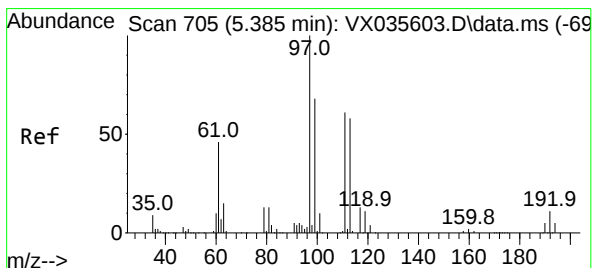
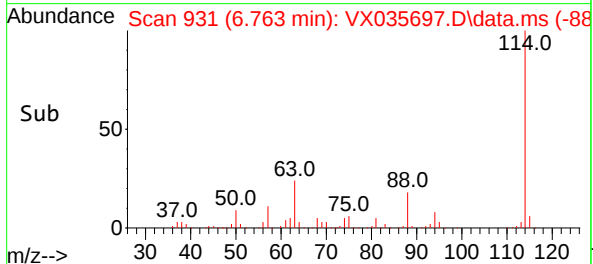
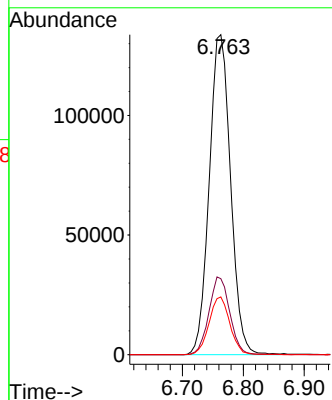
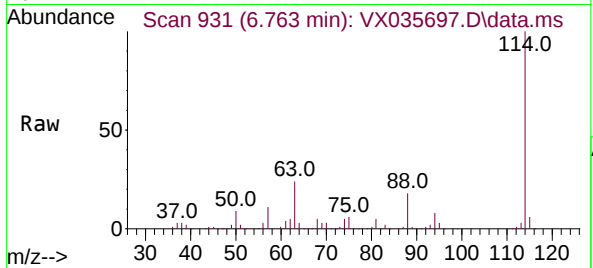




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035697.D
Acq: 16 May 2023 17:36

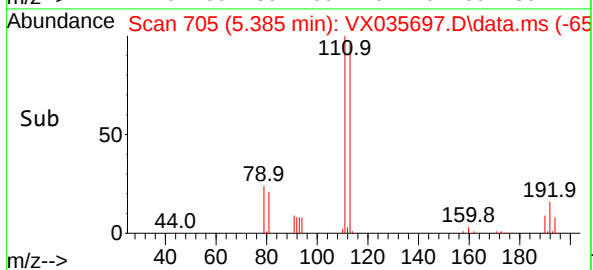
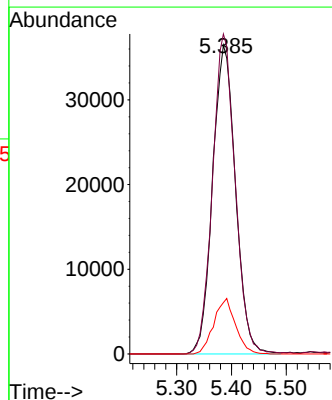
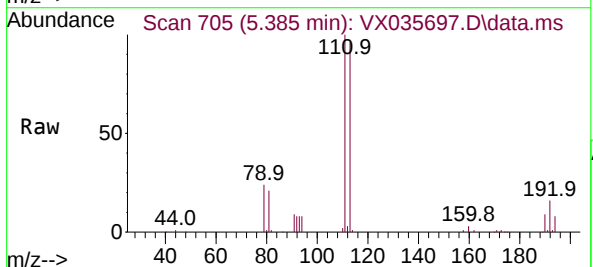
Instrument :
MSVOA_X
ClientSampleId :
002-2

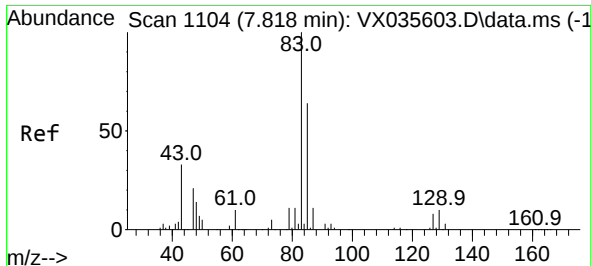
Tgt Ion:114 Resp: 325420
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 18.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.316 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035697.D
Acq: 16 May 2023 17:36

Tgt Ion:113 Resp: 106036
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 17.0 15.4 23.2

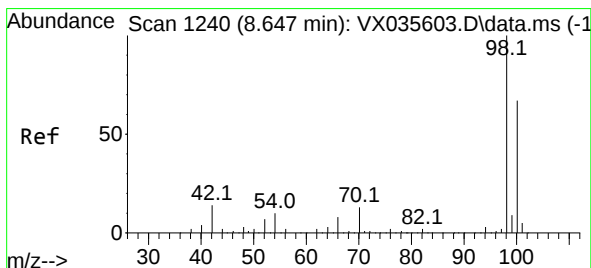
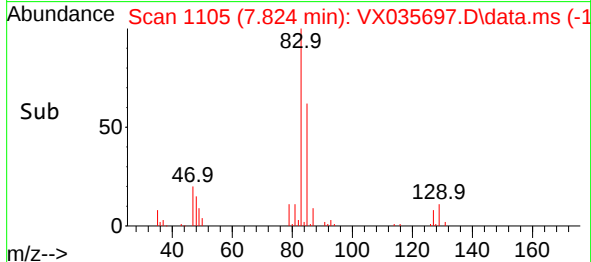
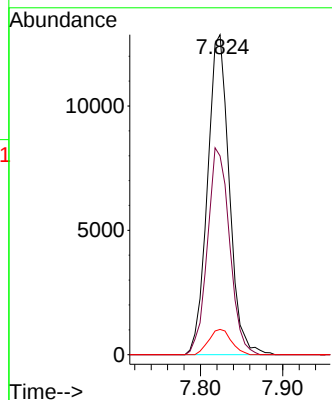
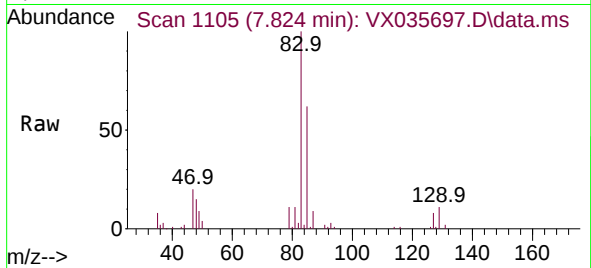




#47
Bromodichloromethane
Concen: 6.961 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035697.D
Acq: 16 May 2023 17:36

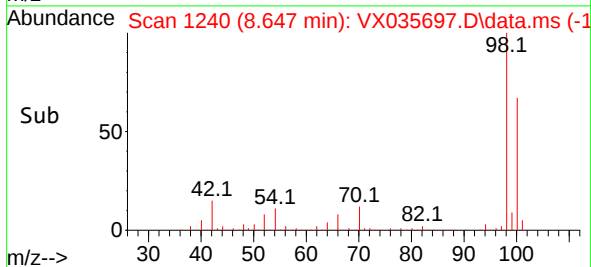
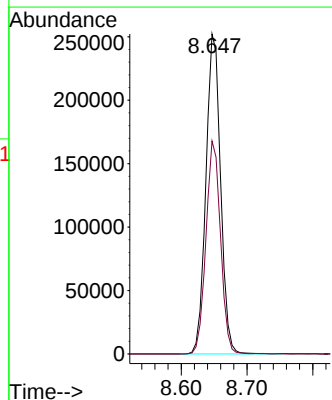
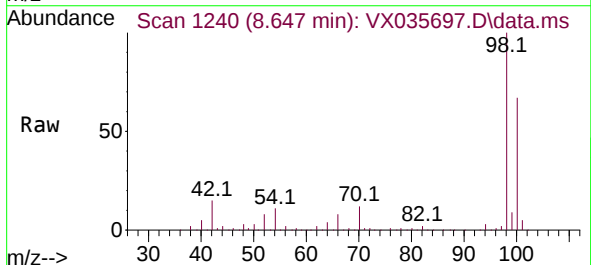
Instrument :
MSVOA_X
ClientSampleId :
002-2

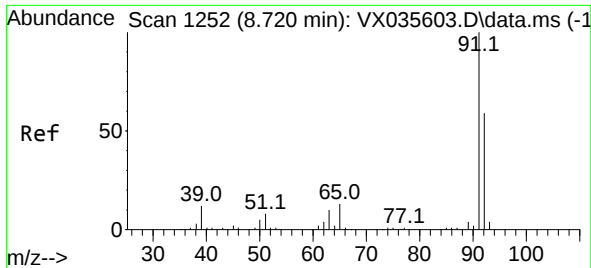
Tgt Ion: 83 Resp: 23637
Ion Ratio Lower Upper
83 100
85 62.1 52.2 78.4
127 7.9 6.6 9.8



#50
Toluene-d8
Concen: 48.265 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035697.D
Acq: 16 May 2023 17:36

Tgt Ion: 98 Resp: 391307
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#52

Toluene

Concen: 0.259 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035697.D

Acq: 16 May 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

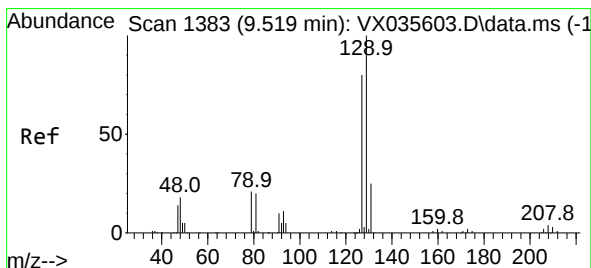
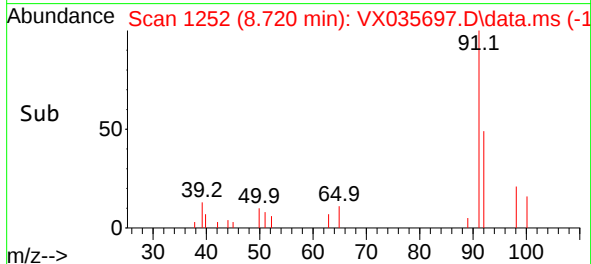
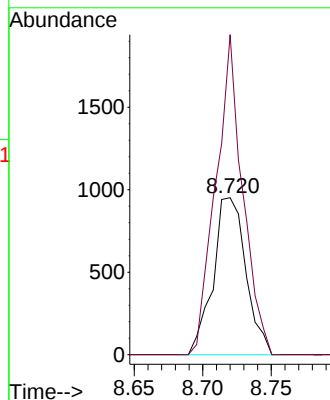
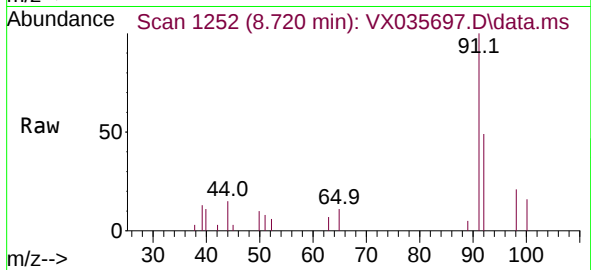
002-2

Tgt Ion: 92 Resp: 1583

Ion Ratio Lower Upper

92 100

91 167.5 136.8 205.2



#60

Dibromochloromethane

Concen: 3.512 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035697.D

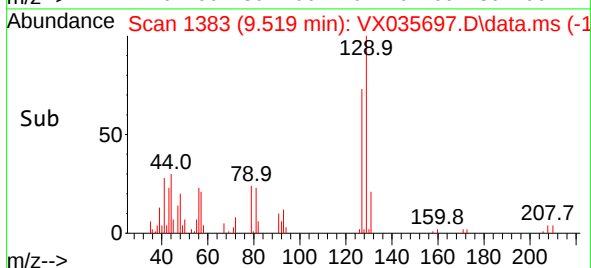
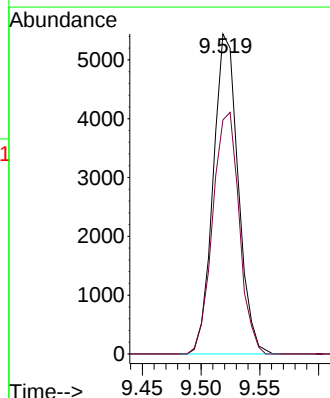
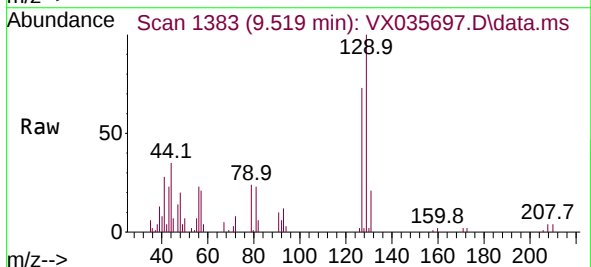
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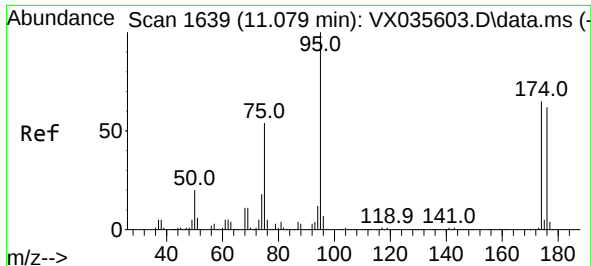
Tgt Ion: 129 Resp: 8043

Ion Ratio Lower Upper

129 100

127 80.1 39.0 117.0





#62

4-Bromofluorobenzene

Concen: 49.422 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035697.D

Acq: 16 May 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

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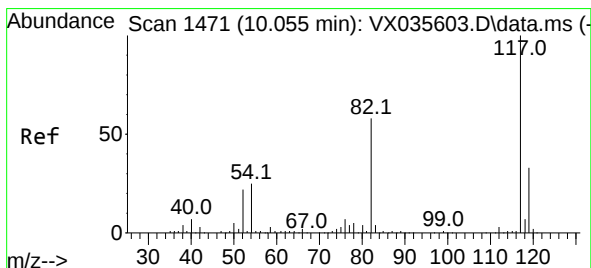
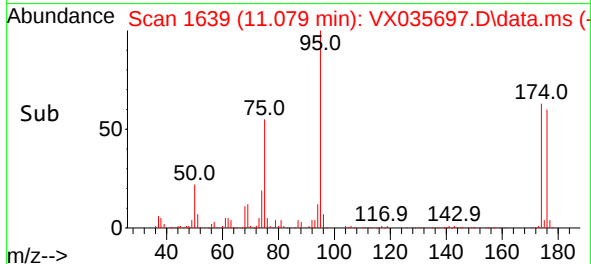
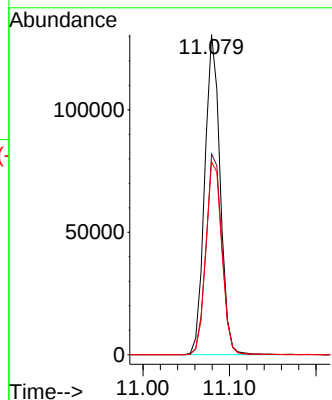
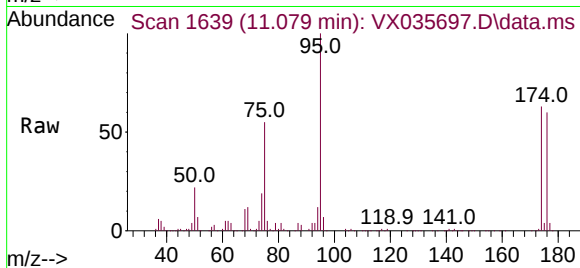
Tgt Ion: 95 Resp: 161333

Ion Ratio Lower Upper

95 100

174 64.6 0.0 147.4

176 62.7 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035697.D

Acq: 16 May 2023 17:36

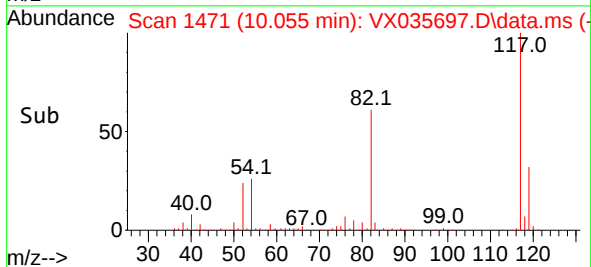
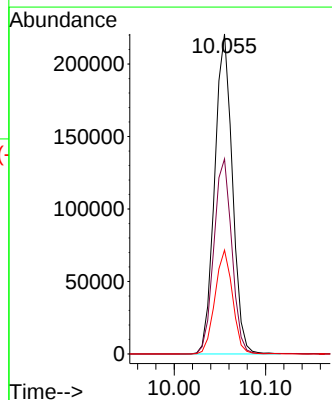
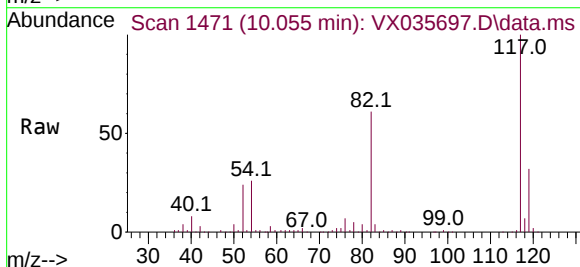
Tgt Ion: 117 Resp: 297208

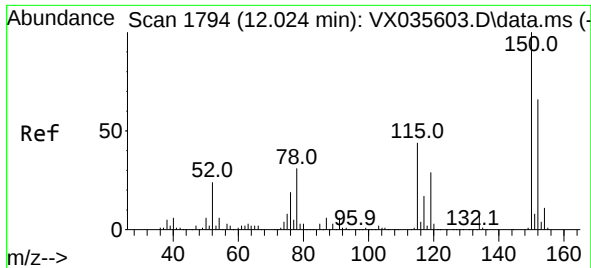
Ion Ratio Lower Upper

117 100

82 61.0 45.0 67.4

119 32.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035697.D

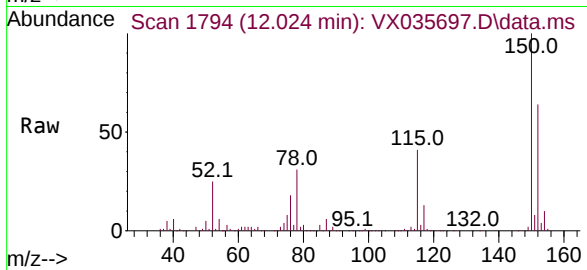
Acq: 16 May 2023 17:36

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 131749

Ion Ratio Lower Upper

152 100

115 65.8 45.0 135.0

150 158.1 0.0 352.4

