

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035696.D
 Acq On : 16 May 2023 17:12
 Operator : JC/MD
 Sample : 02615-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-2

Quant Time: May 17 05:33:04 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)

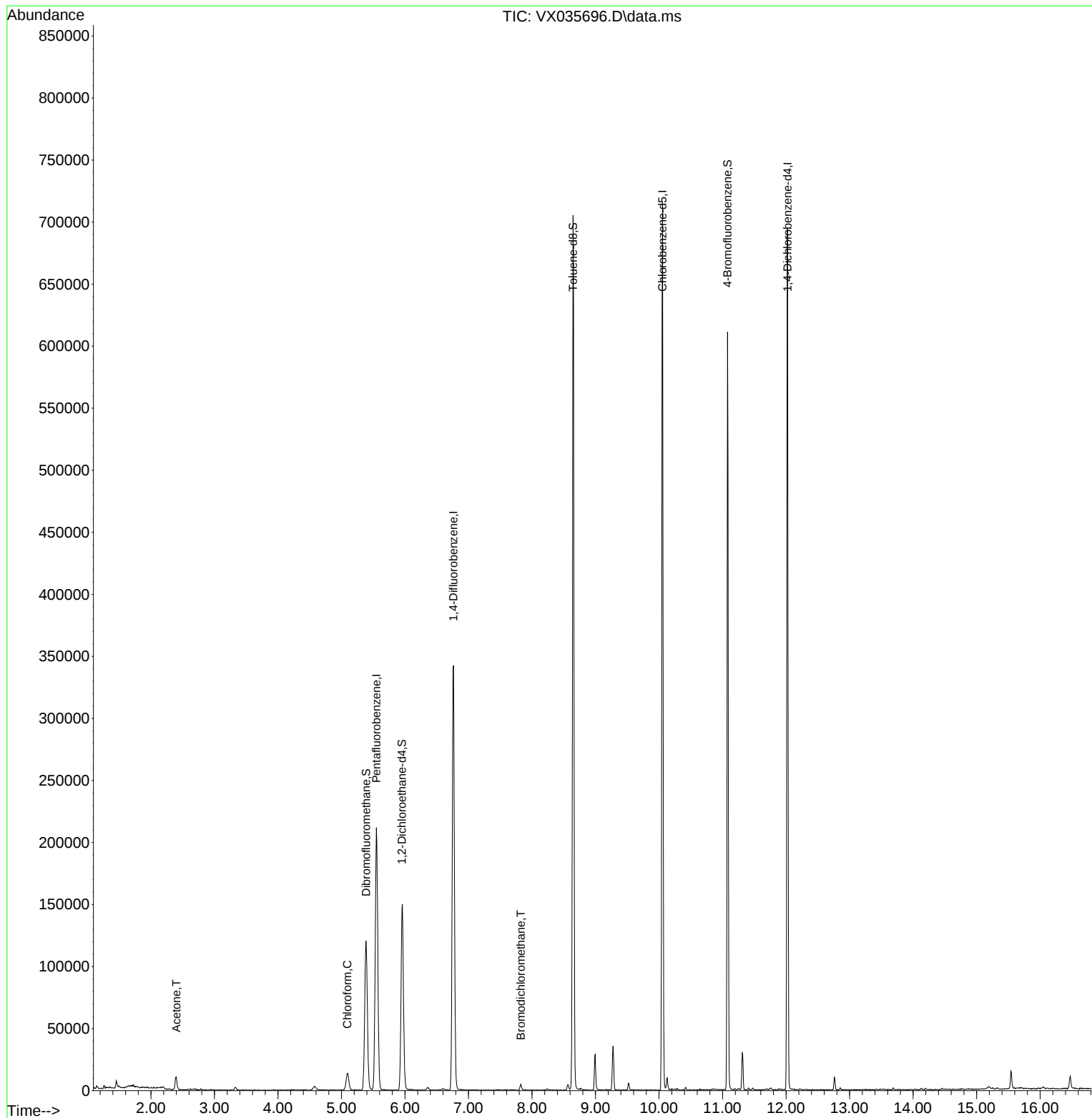
Internal Standards						
1) Pentafluorobenzene	5.550	168	175878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	325920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	147800	48.171	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.385	113	104961	47.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	391998	48.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.079	95	159923	48.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	14523	11.013	ug/l	89
30) Chloroform	5.092	83	16046	3.564	ug/l	91
47) Bromodichloromethane	7.824	83	2857	0.840	ug/l #	87

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

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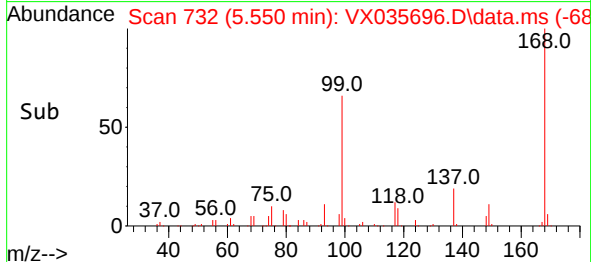
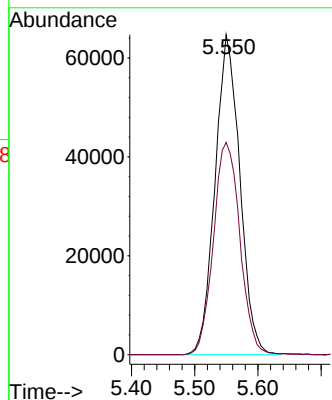
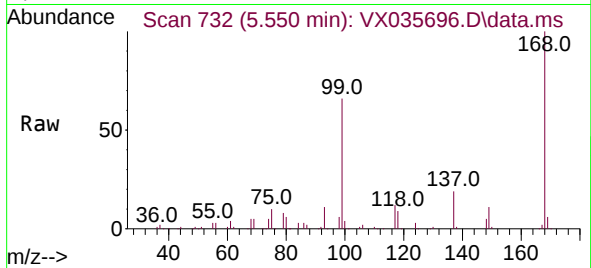




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035696.D
Acq: 16 May 2023 17:12

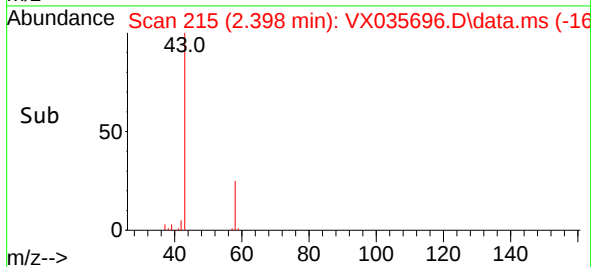
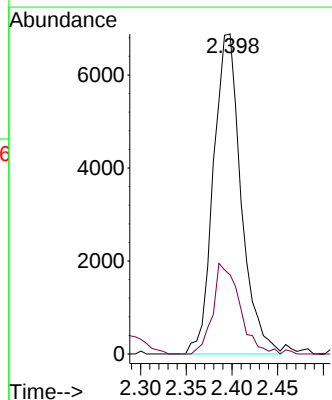
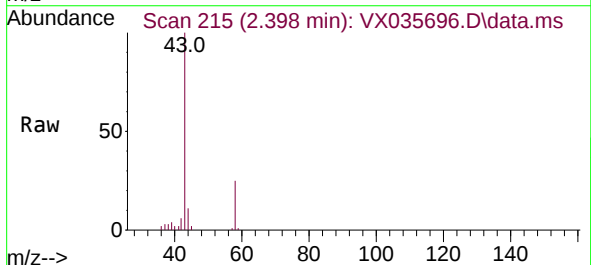
Instrument :
MSVOA_X
ClientSampleId :
001-2

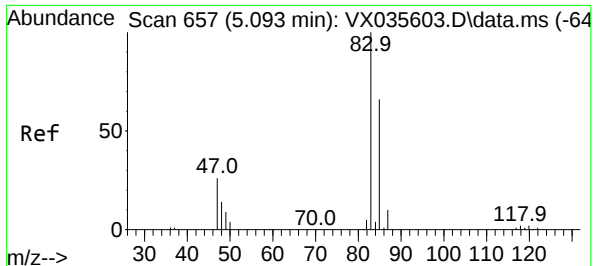
Tgt Ion:168 Resp: 175878
Ion Ratio Lower Upper
168 100
99 66.4 45.7 68.5



#16
Acetone
Concen: 11.013 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035696.D
Acq: 16 May 2023 17:12

Tgt Ion: 43 Resp: 14523
Ion Ratio Lower Upper
43 100
58 24.8 24.7 37.1





#30

Chloroform

Concen: 3.564 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX035696.D

Acq: 16 May 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :

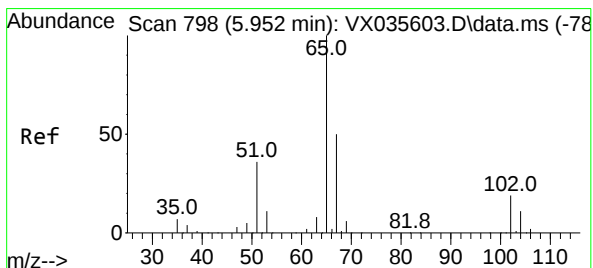
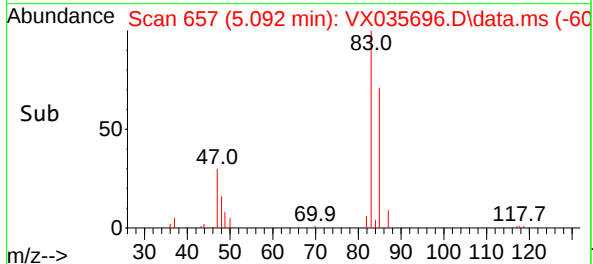
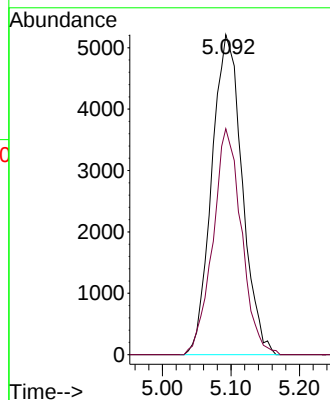
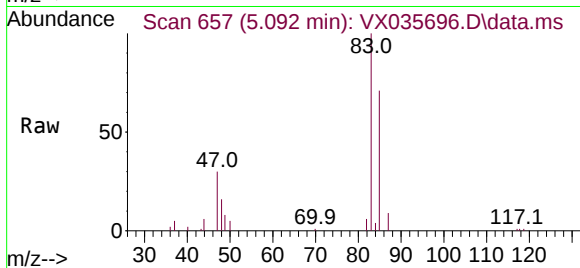
001-2

Tgt Ion: 83 Resp: 16046

Ion Ratio Lower Upper

83 100

85 70.6 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 48.171 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035696.D

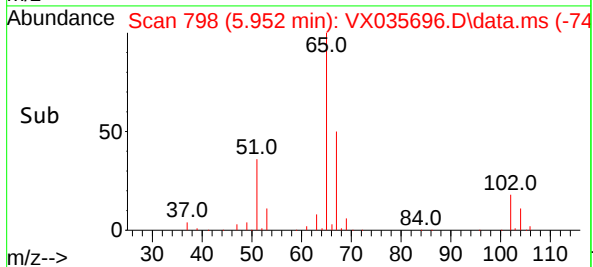
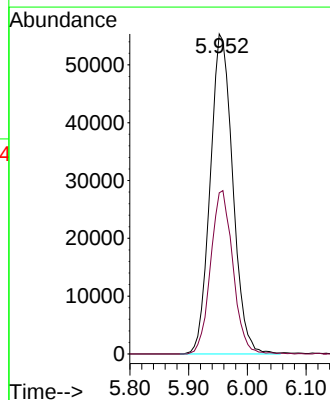
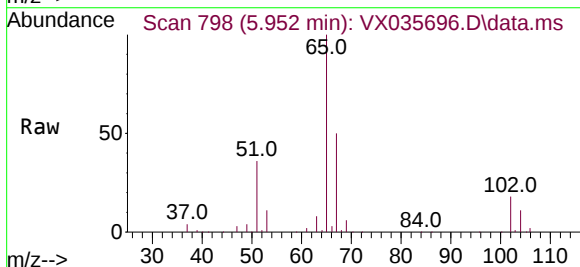
Acq: 16 May 2023 17:12

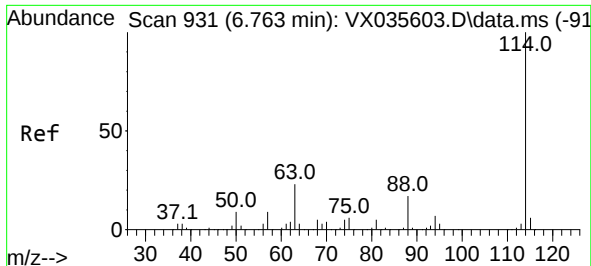
Tgt Ion: 65 Resp: 147800

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0

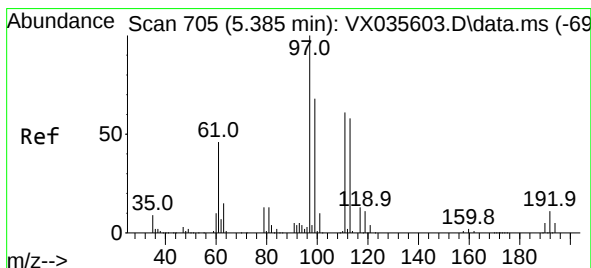
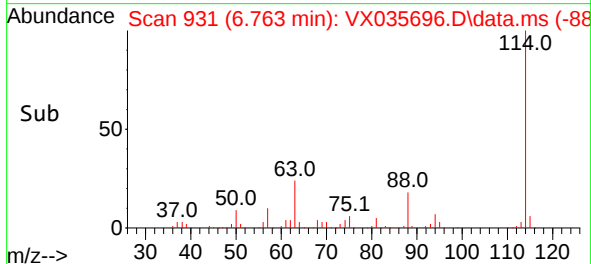
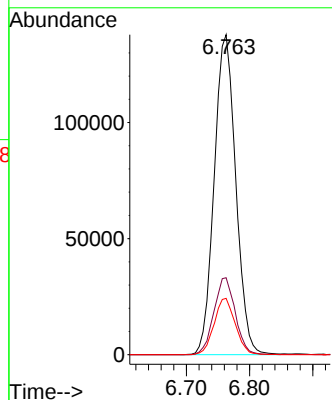
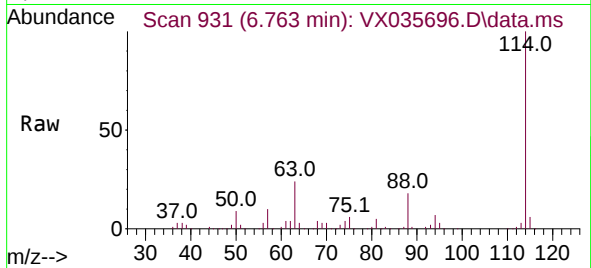




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035696.D
Acq: 16 May 2023 17:12

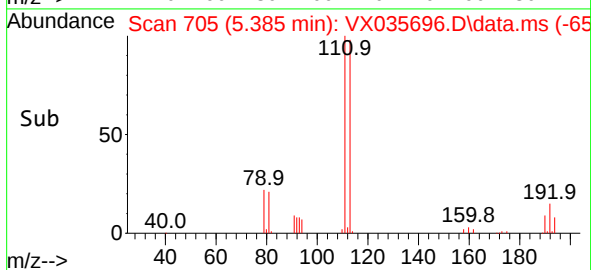
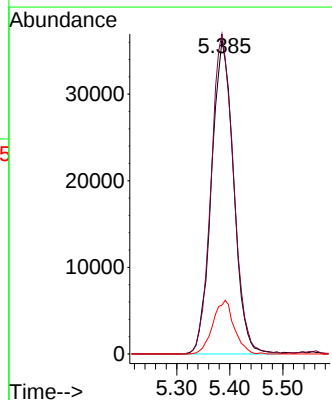
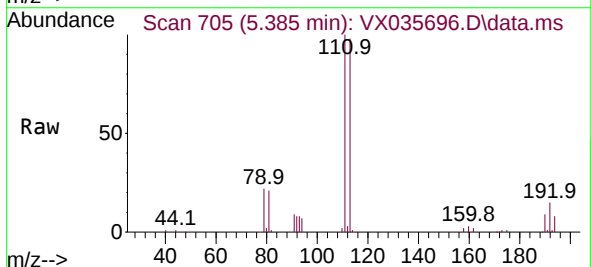
Instrument :
MSVOA_X
ClientSampleId :
001-2

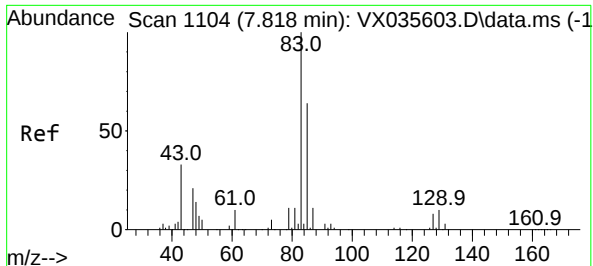
Tgt Ion:114 Resp: 325920
Ion Ratio Lower Upper
114 100
63 24.1 0.0 42.2
88 17.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.753 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035696.D
Acq: 16 May 2023 17:12

Tgt Ion:113 Resp: 104961
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 16.4 15.4 23.2

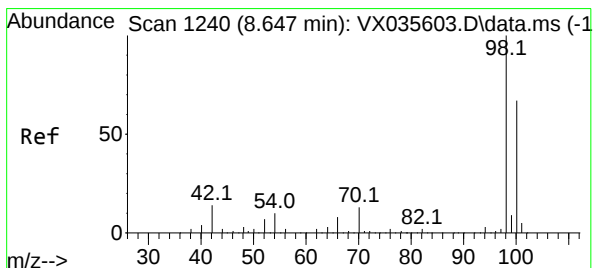
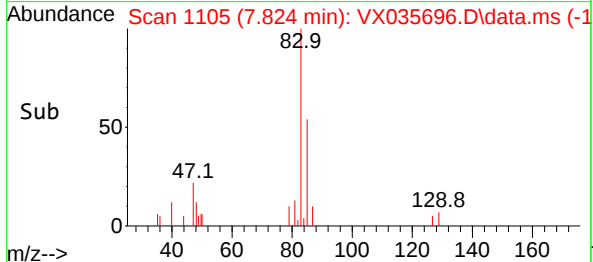
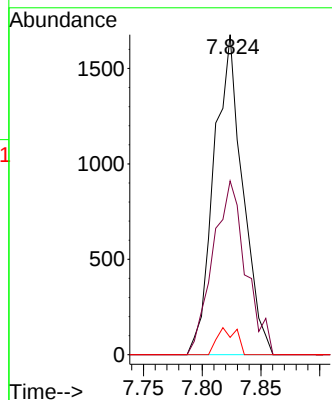
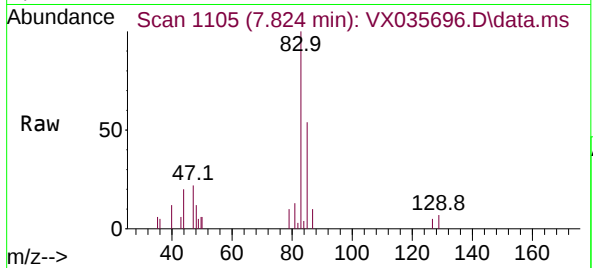




#47
Bromodichloromethane
Concen: 0.840 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035696.D
Acq: 16 May 2023 17:12

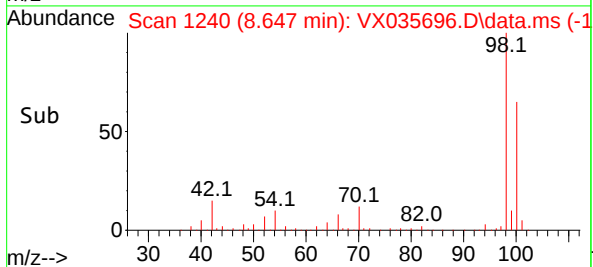
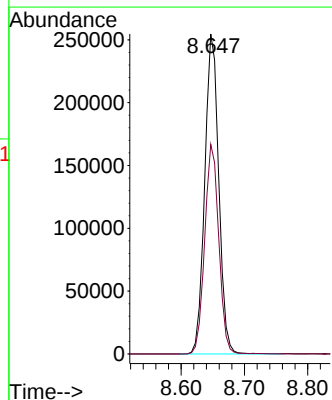
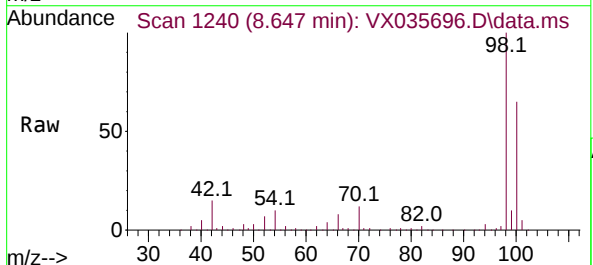
Instrument :
MSVOA_X
ClientSampleId :
001-2

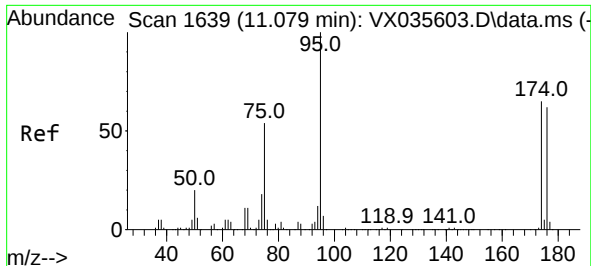
Tgt Ion: 83 Resp: 2857
Ion Ratio Lower Upper
83 100
85 54.3 52.2 78.4
127 5.4 6.6 9.8#



#50
Toluene-d8
Concen: 48.276 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035696.D
Acq: 16 May 2023 17:12

Tgt Ion: 98 Resp: 391998
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 48.915 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035696.D

Acq: 16 May 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :

001-2

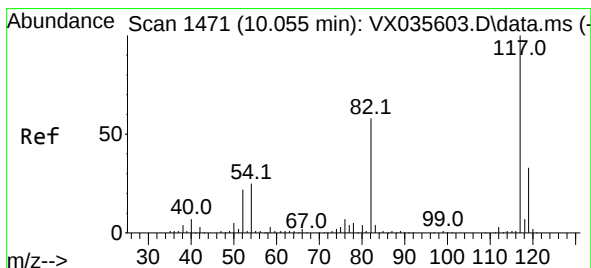
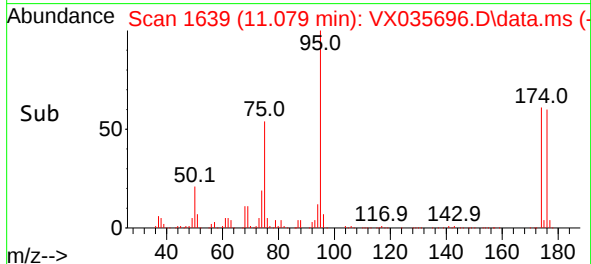
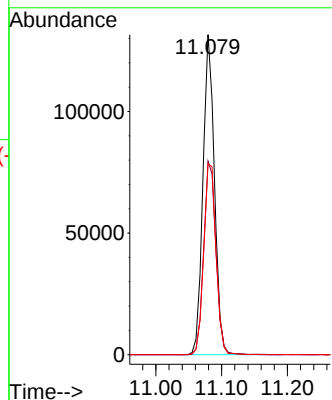
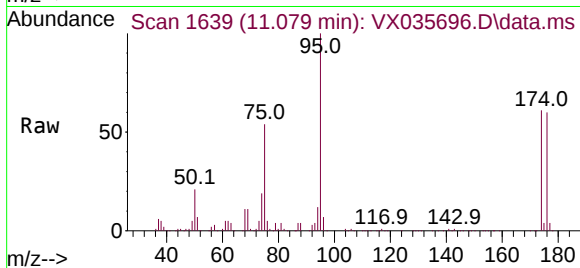
Tgt Ion: 95 Resp: 159923

Ion Ratio Lower Upper

95 100

174 64.1 0.0 147.4

176 63.9 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: VX035696.D

Acq: 16 May 2023 17:12

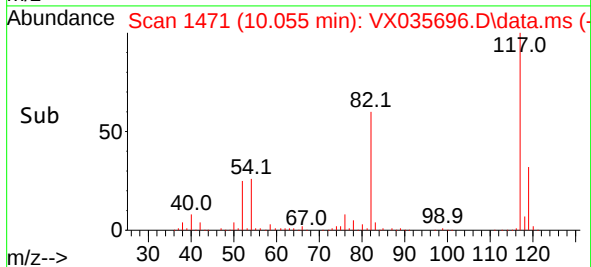
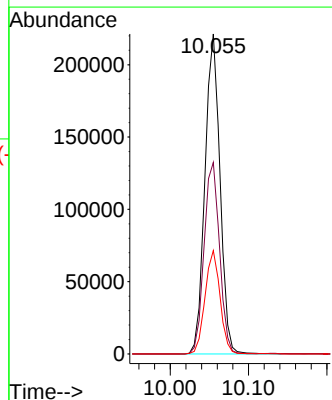
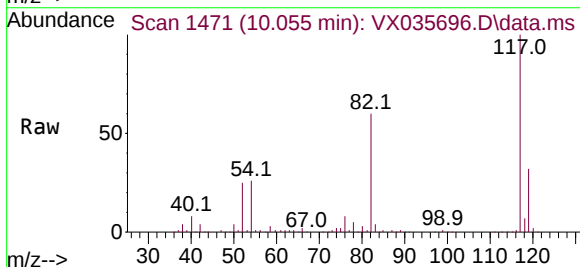
Tgt Ion: 117 Resp: 294961

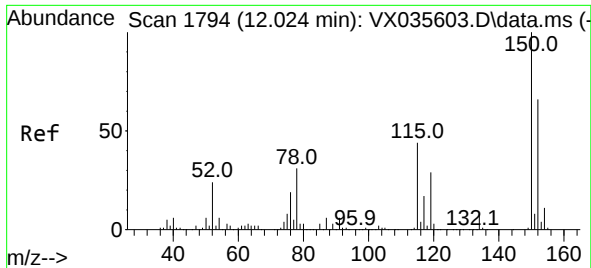
Ion Ratio Lower Upper

117 100

82 59.8 45.0 67.4

119 32.3 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: VX035696.D

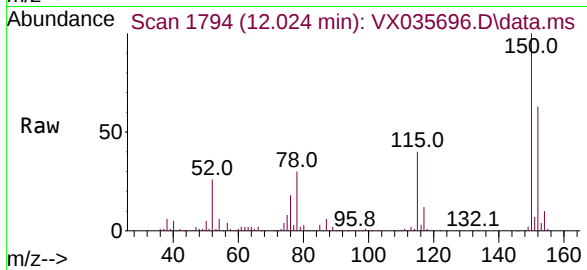
Acq: 16 May 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 132275

Ion Ratio Lower Upper

152 100

115 66.0 45.0 135.0

150 159.2 0.0 352.4

