

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035693.D
 Acq On : 16 May 2023 16:02
 Operator : JC/MD
 Sample : 02615-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-1

Quant Time: May 17 05:31:50 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)

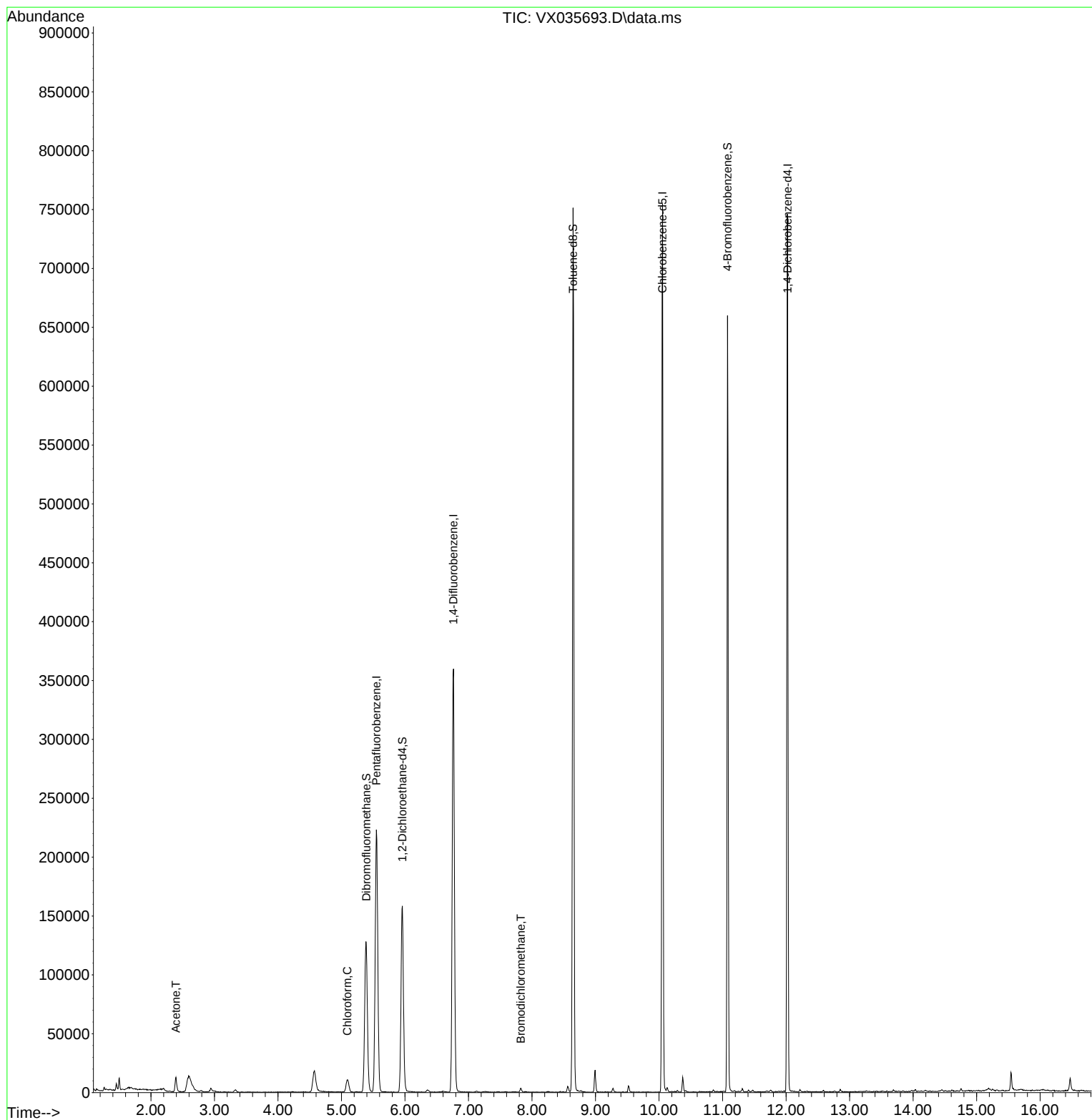
Internal Standards						
1) Pentafluorobenzene	5.550	168	188096	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157904	48.121	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.240%
35) Dibromofluoromethane	5.391	113	111505	47.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.647	98	413204	48.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	172443	49.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.520%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	14878	10.549	ug/l #	89
30) Chloroform	5.092	83	12730	2.644	ug/l	88
47) Bromodichloromethane	7.824	83	2186	0.606	ug/l #	97

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

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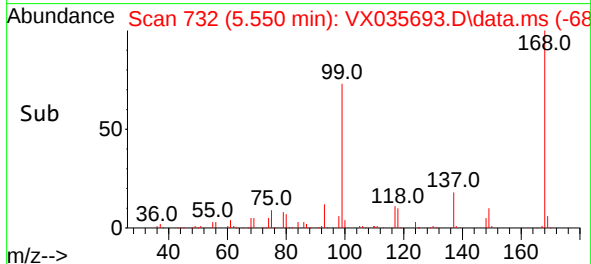
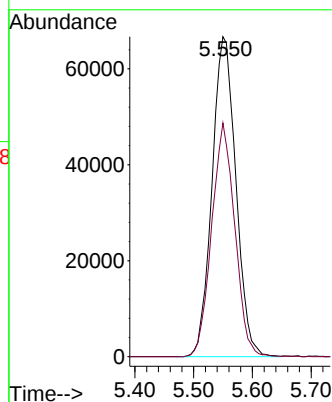
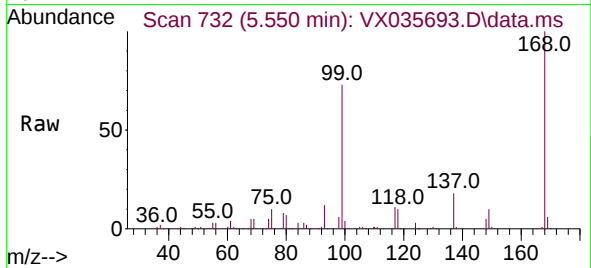




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035693.D
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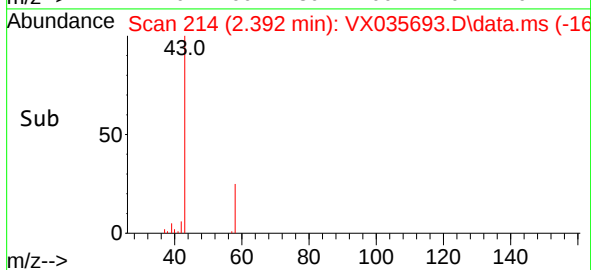
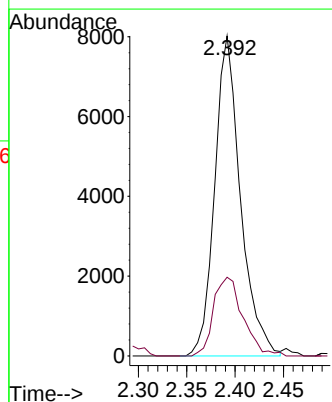
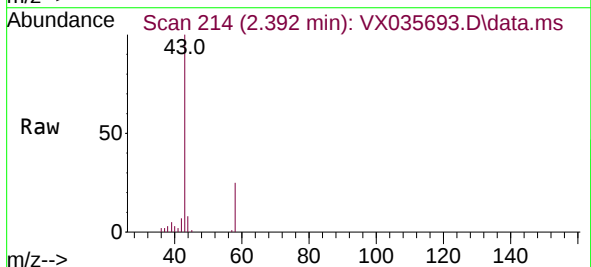
Instrument :
MSVOA_X
ClientSampleId :
001-1

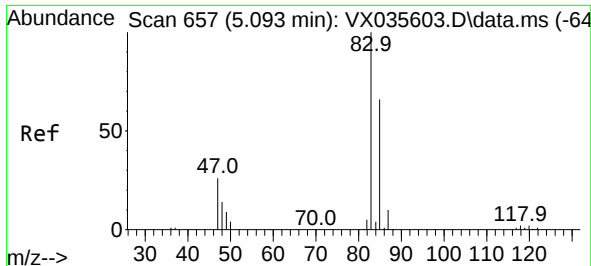
Tgt Ion:168 Resp: 188096
Ion Ratio Lower Upper
168 100
99 73.1 45.7 68.5#



#16
Acetone
Concen: 10.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion: 43 Resp: 14878
Ion Ratio Lower Upper
43 100
58 24.6 24.7 37.1#





#30

Chloroform

Concen: 2.644 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

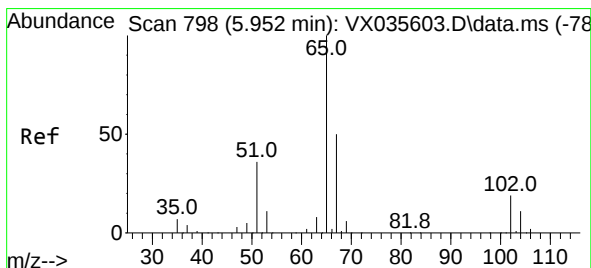
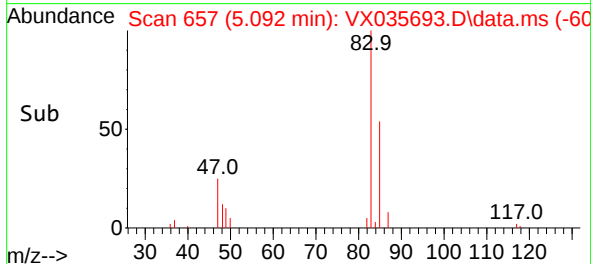
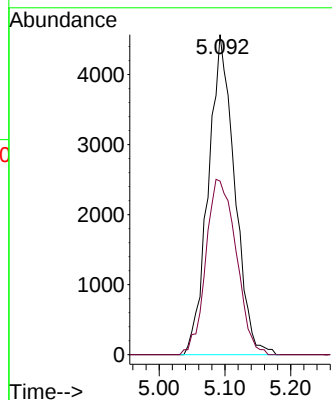
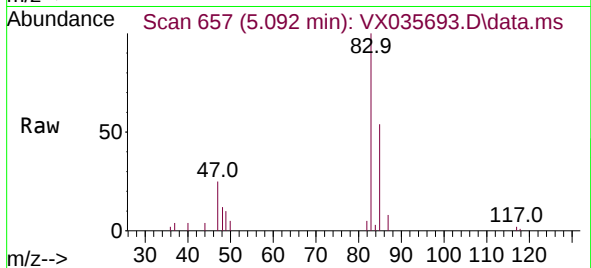
001-1

Tgt Ion: 83 Resp: 12730

Ion Ratio Lower Upper

83 100

85 54.3 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 48.121 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX035693.D

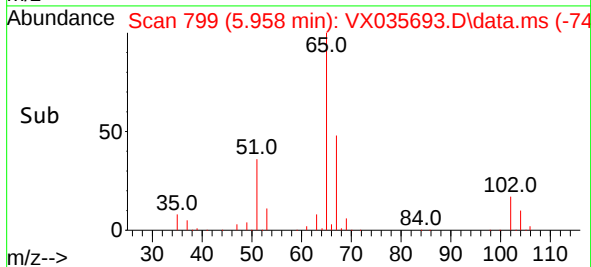
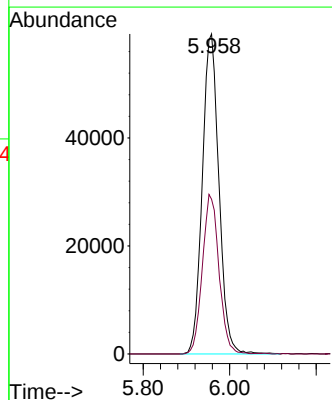
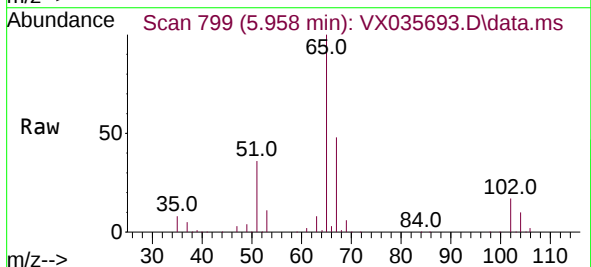
Acq: 16 May 2023 16:02

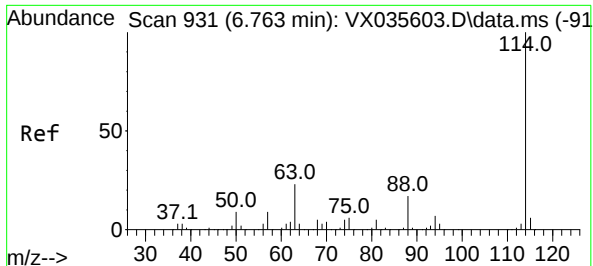
Tgt Ion: 65 Resp: 157904

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0

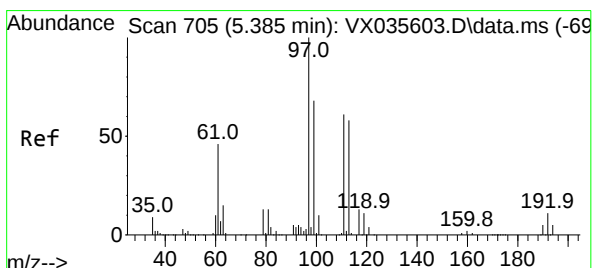
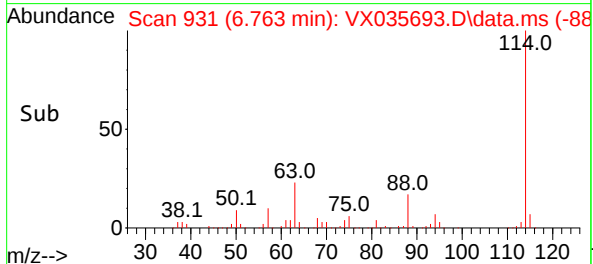
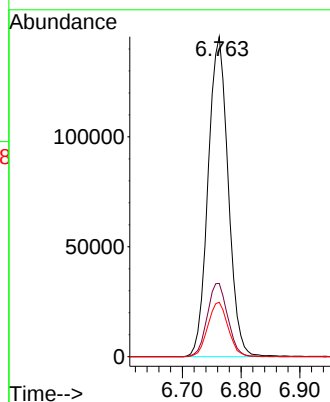
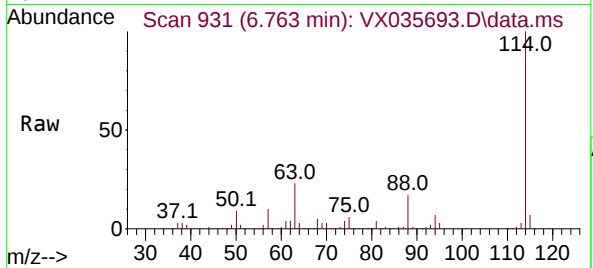




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

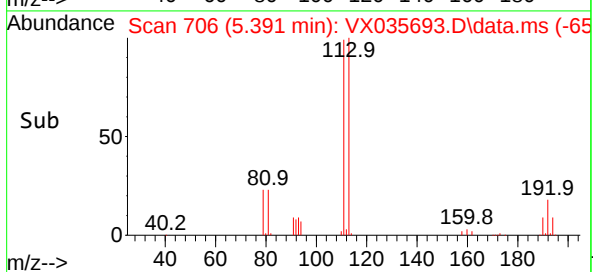
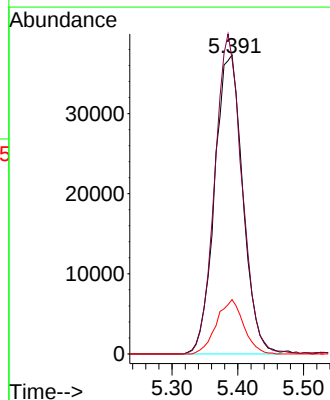
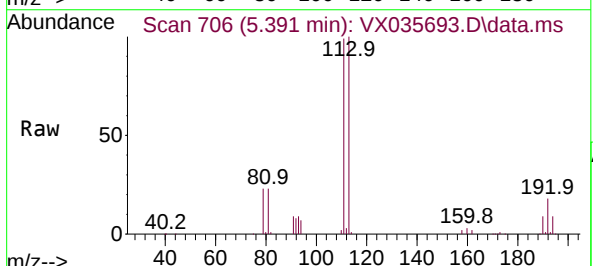
Instrument :
MSVOA_X
ClientSampleId :
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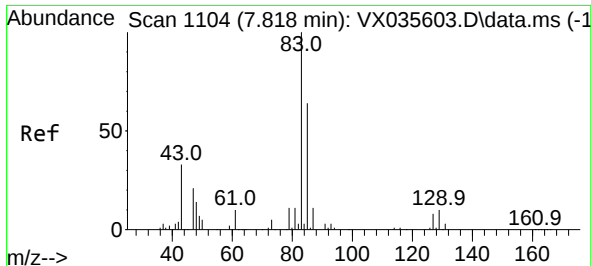
Tgt Ion:114 Resp: 345471
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.859 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion:113 Resp: 111505
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 17.4 15.4 23.2

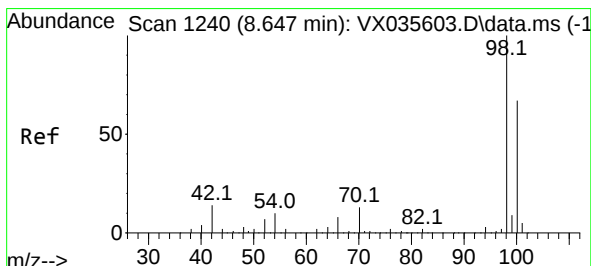
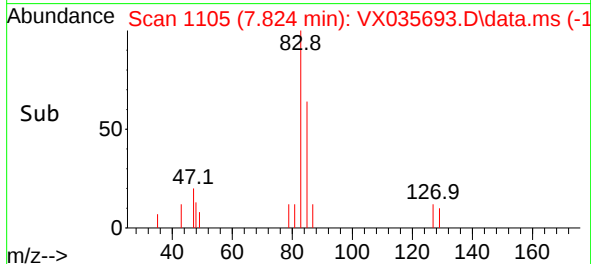
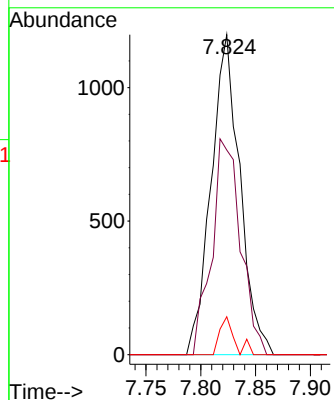
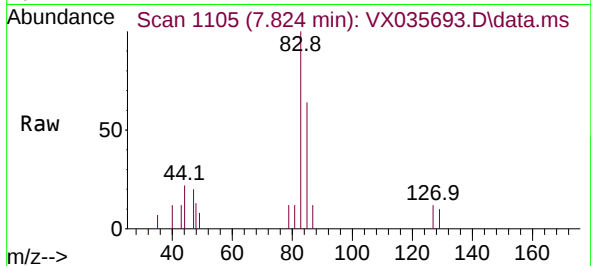




#47
Bromodichloromethane
Concen: 0.606 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

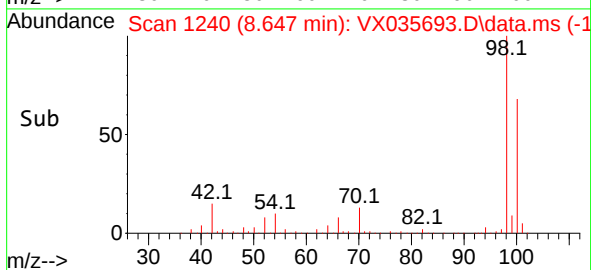
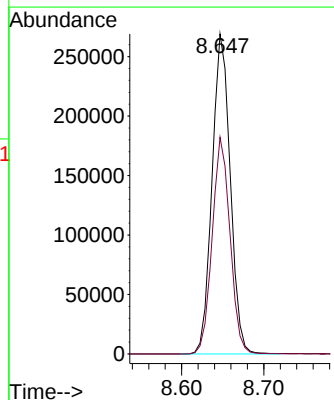
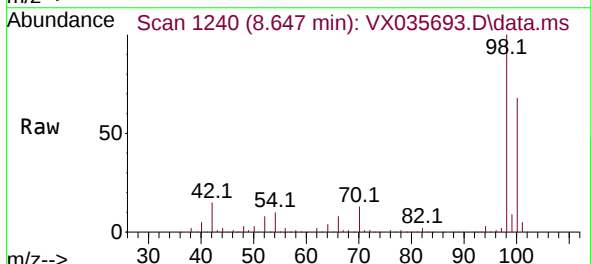
Instrument :
MSVOA_X
ClientSampleId :
001-1

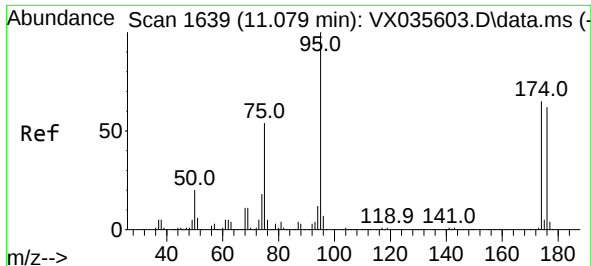
Tgt Ion: 83 Resp: 2186
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4
127 11.9 6.6 9.8#



#50
Toluene-d8
Concen: 48.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion: 98 Resp: 413204
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 49.759 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

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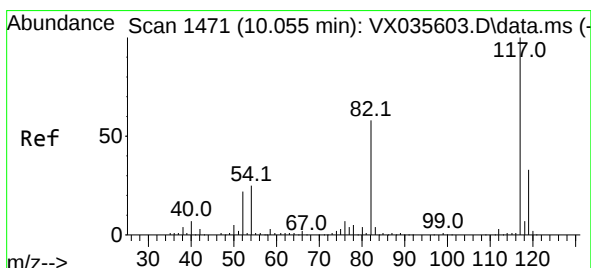
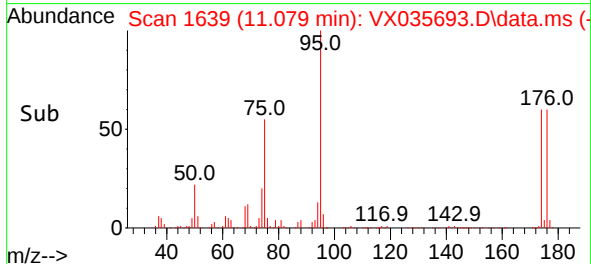
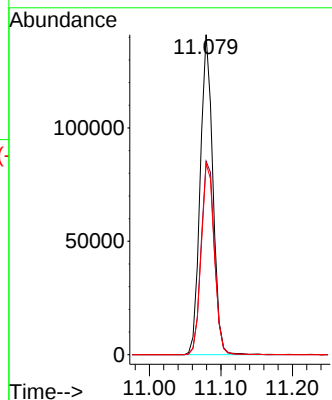
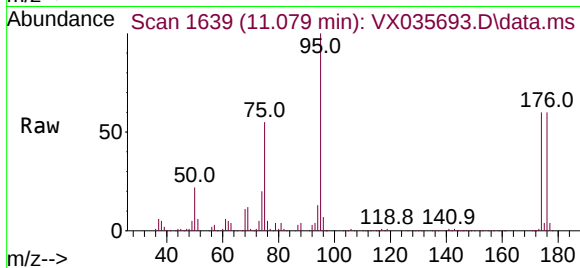
Tgt Ion: 95 Resp: 172443

Ion Ratio Lower Upper

95 100

174 63.6 0.0 147.4

176 62.1 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: VX035693.D

Acq: 16 May 2023 16:02

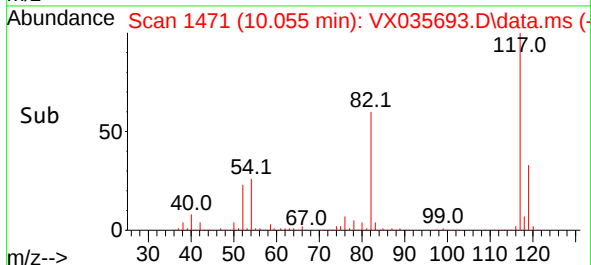
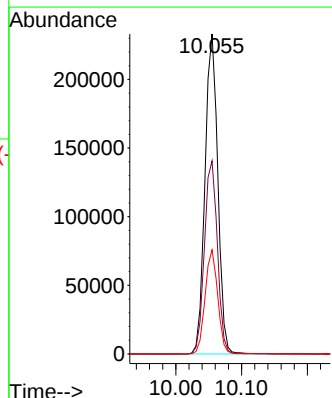
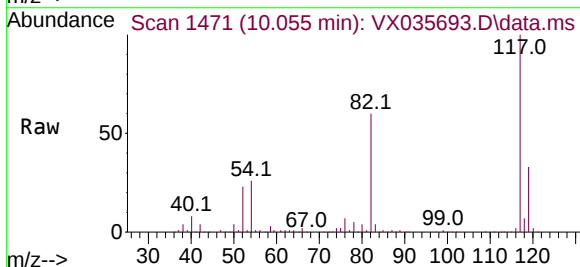
Tgt Ion: 117 Resp: 316300

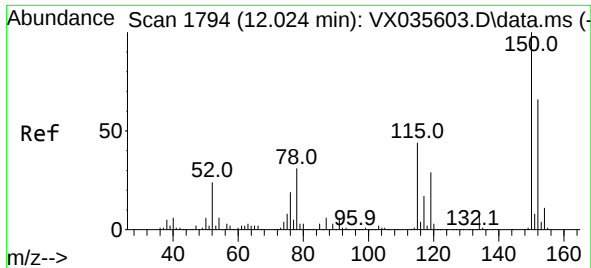
Ion Ratio Lower Upper

117 100

82 60.4 45.0 67.4

119 32.6 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: VX035693.D

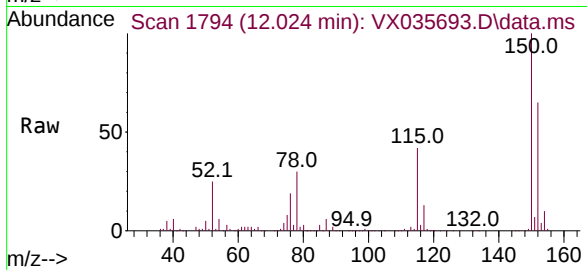
Acq: 16 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 142714

Ion Ratio Lower Upper

152 100

115 65.8 45.0 135.0

150 158.9 0.0 352.4

