

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030169.D
 Acq On : 21 Jul 2022 18:03
 Operator : JC/MD
 Sample : N3765-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07182022

Quant Time: Jul 22 04:59:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

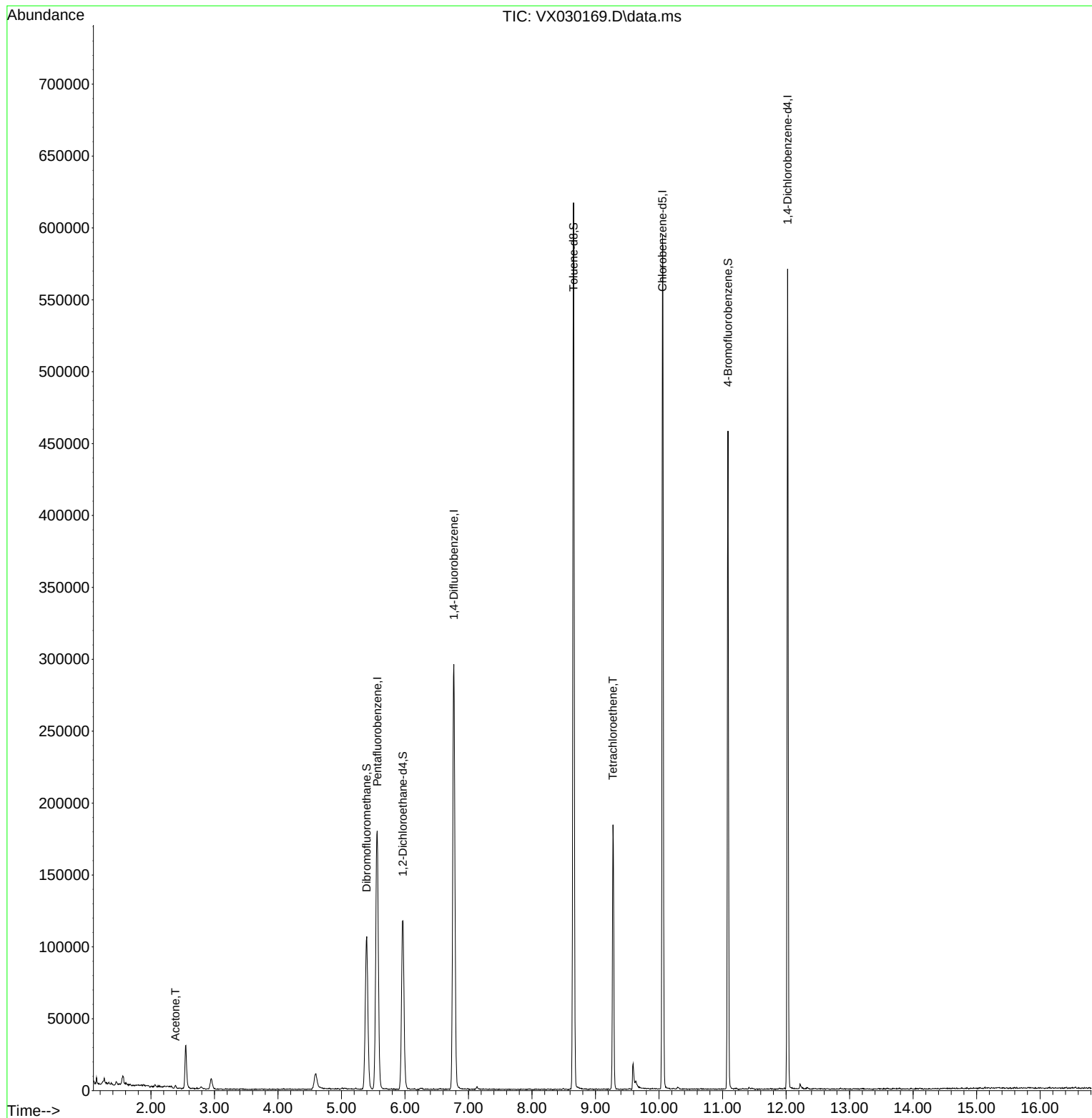
Internal Standards						
1) Pentafluorobenzene	5.562	168	172590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	307103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112177	53.399	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.800%
35) Dibromofluoromethane	5.397	113	92690	47.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.653	98	362782	49.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.085	95	120848	47.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	2344	2.368	ug/l	98
64) Tetrachloroethene	9.275	164	33125	15.333	ug/l	96

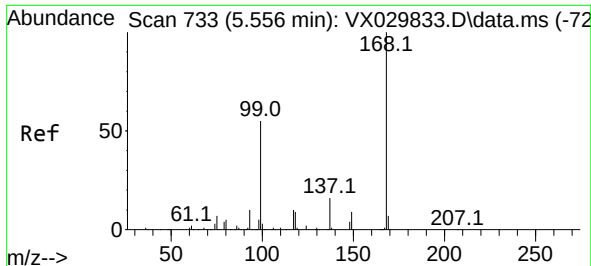
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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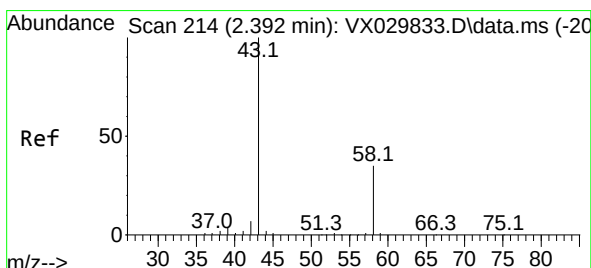
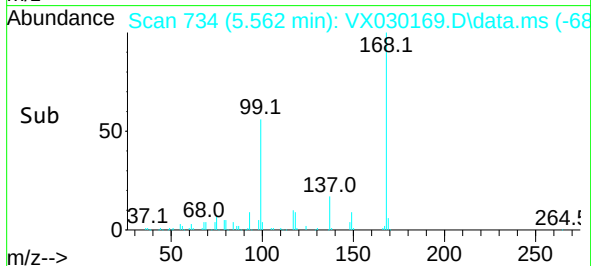
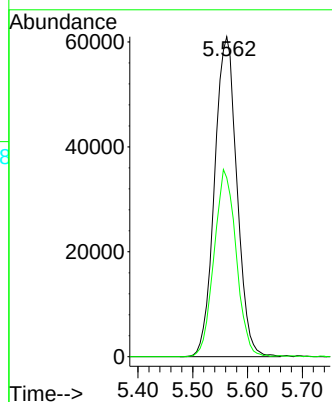
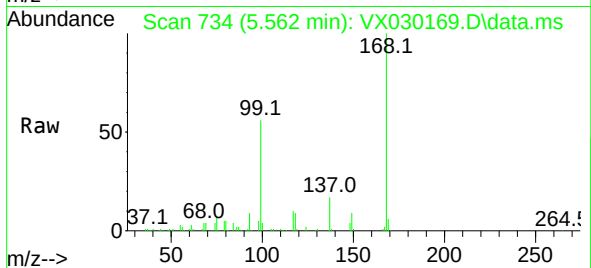




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

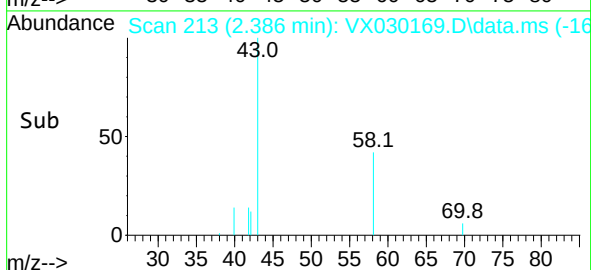
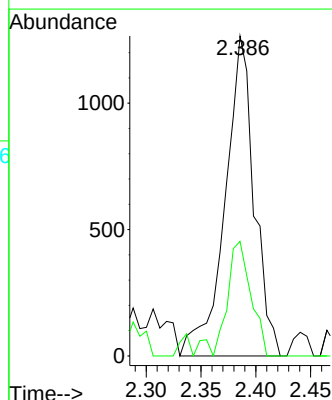
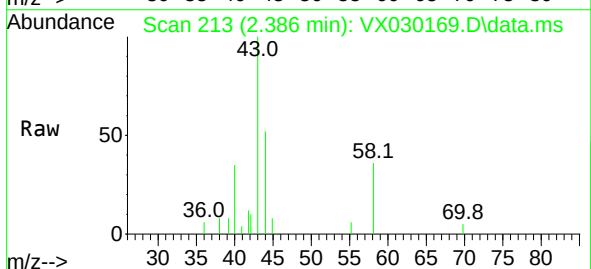
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

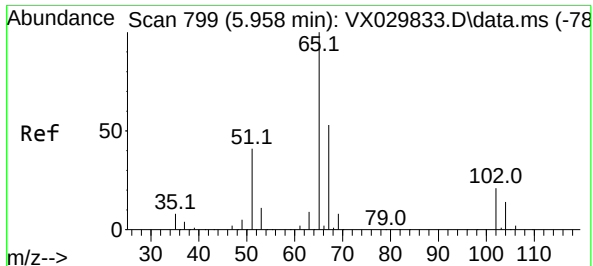
Tgt Ion:168 Resp: 172590
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#16
Acetone
Concen: 2.368 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
58 35.8 27.7 41.5





#33

1,2-Dichloroethane-d4

Concen: 53.399 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030169.D

Acq: 21 Jul 2022 18:03

Instrument :

MSVOA_X

ClientSampleId :

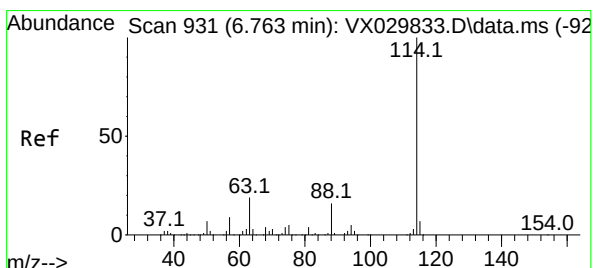
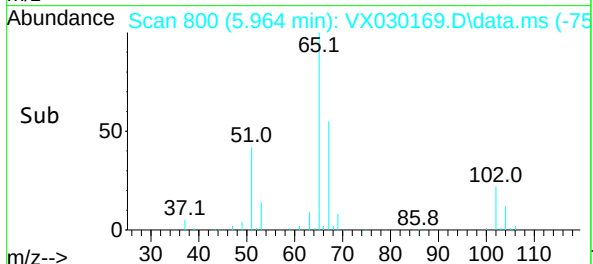
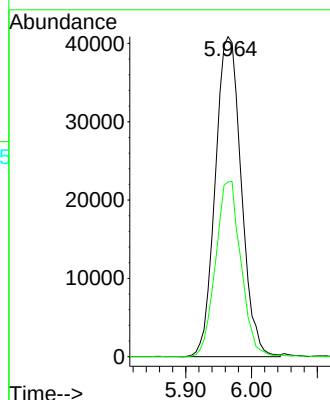
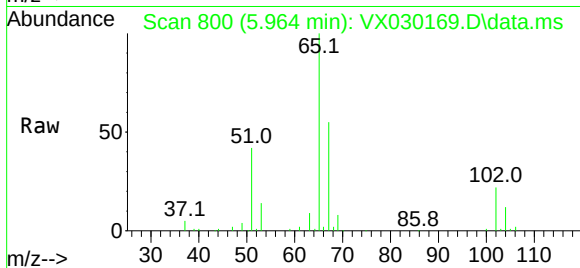
TB-07182022

Tgt Ion: 65 Resp: 112177

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030169.D

Acq: 21 Jul 2022 18:03

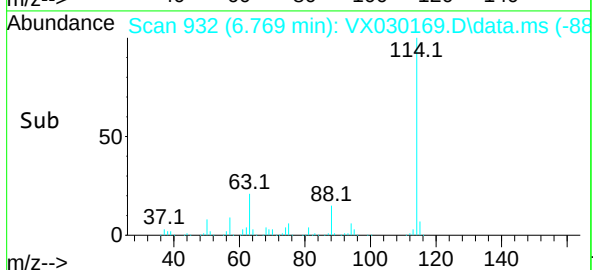
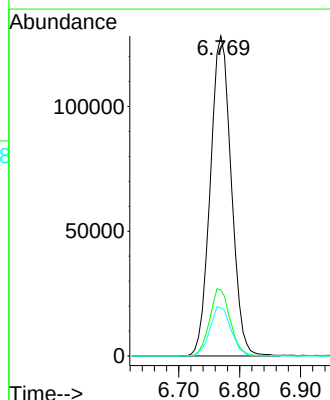
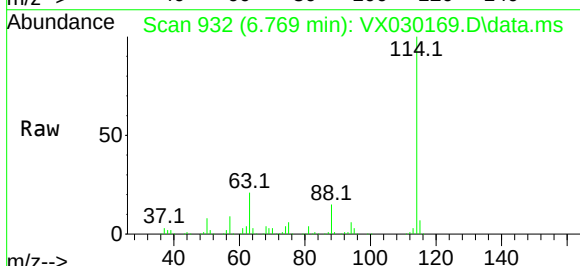
Tgt Ion: 114 Resp: 307103

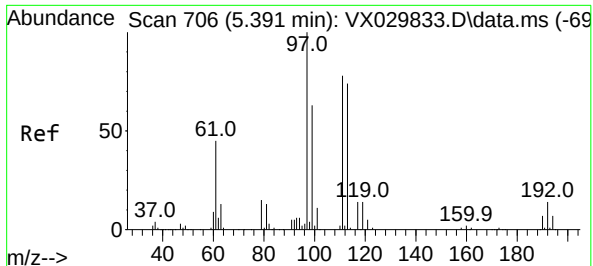
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.245 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030169.D

Acq: 21 Jul 2022 18:03

Instrument :

MSVOA_X

ClientSampleId :

TB-07182022

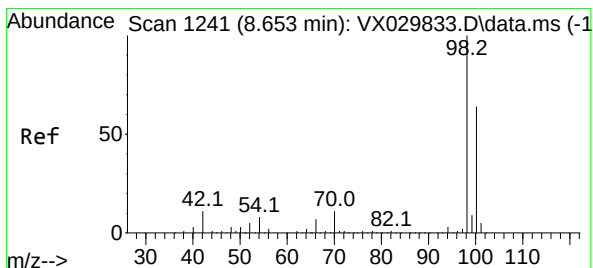
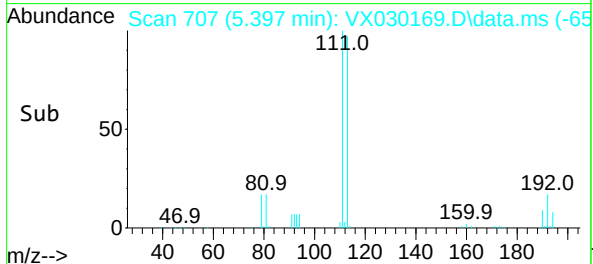
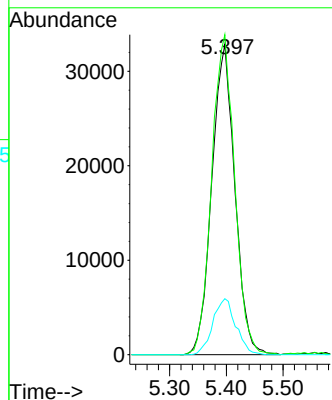
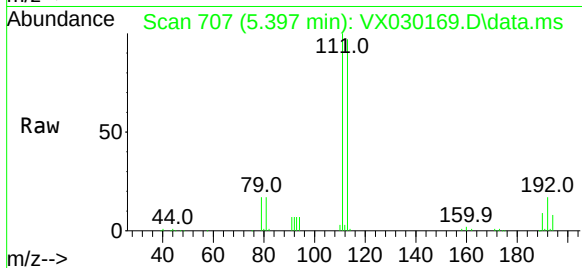
Tgt Ion:113 Resp: 92690

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

192 18.1 14.8 22.2



#50

Toluene-d8

Concen: 49.167 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030169.D

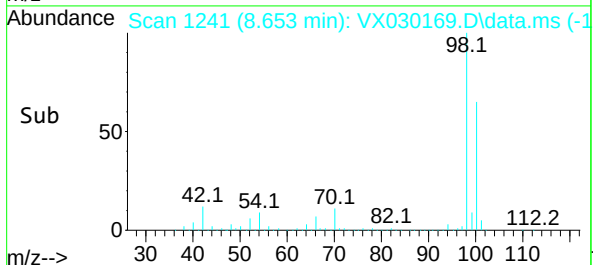
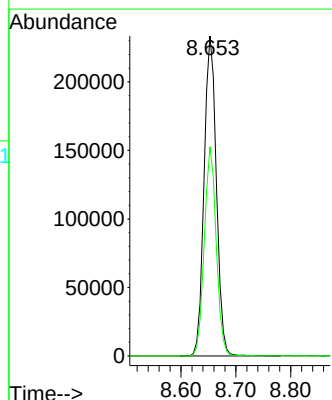
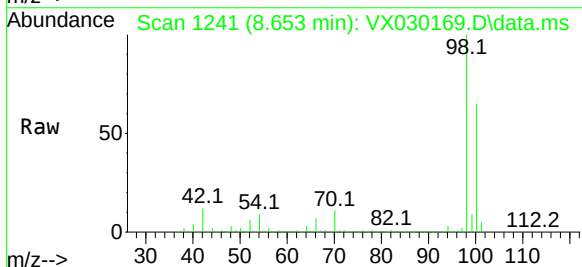
Acq: 21 Jul 2022 18:03

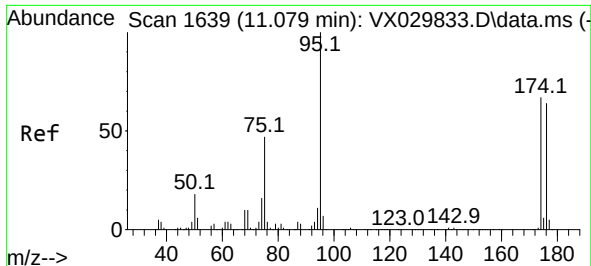
Tgt Ion: 98 Resp: 362782

Ion Ratio Lower Upper

98 100

100 63.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 47.196 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030169.D

Acq: 21 Jul 2022 18:03

Instrument :

MSVOA_X

ClientSampleId :

TB-07182022

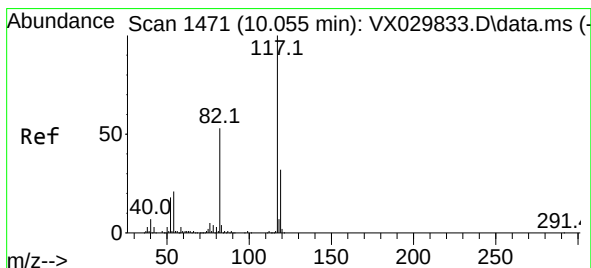
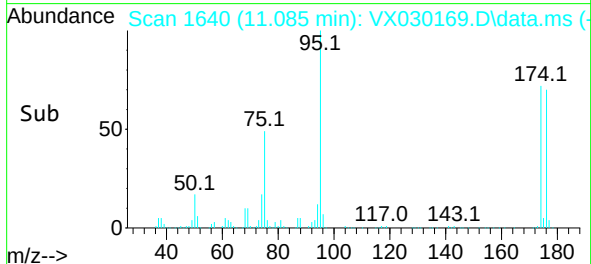
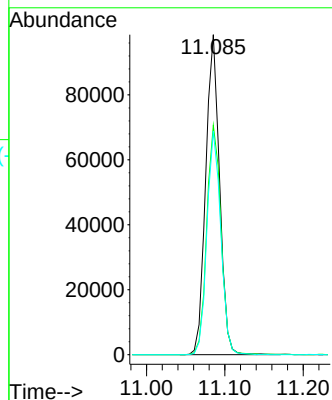
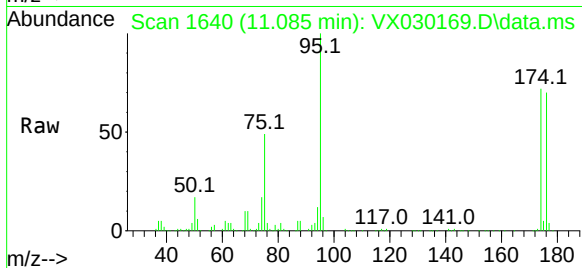
Tgt Ion: 95 Resp: 120848

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.0

176 69.5 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030169.D

Acq: 21 Jul 2022 18:03

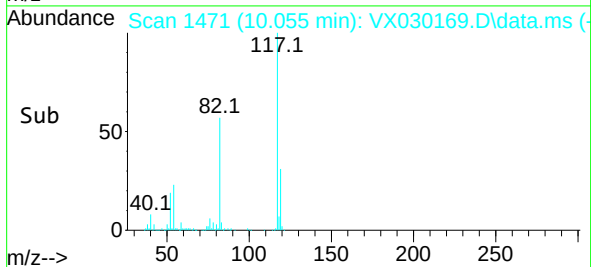
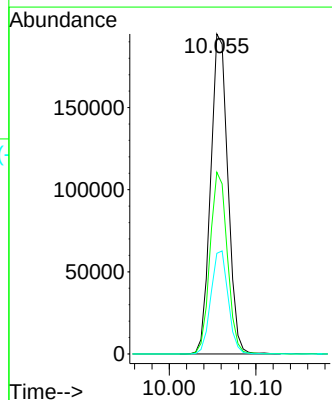
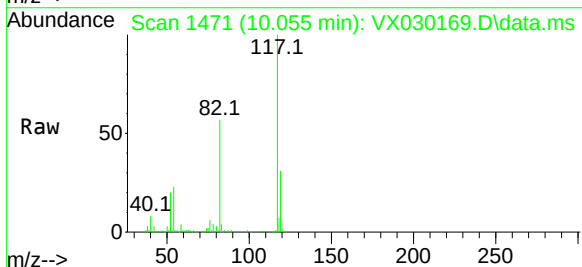
Tgt Ion: 117 Resp: 269133

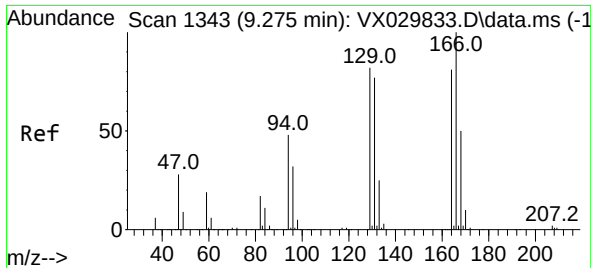
Ion Ratio Lower Upper

117 100

82 56.8 42.7 64.1

119 31.4 25.4 38.2



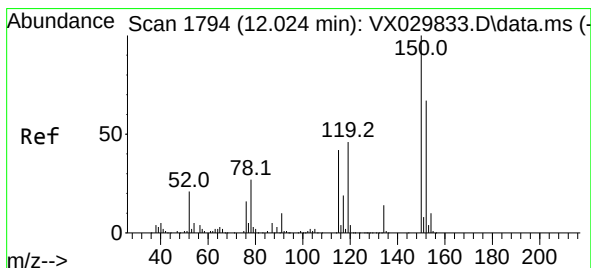
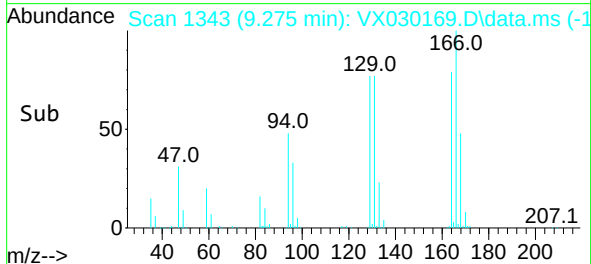
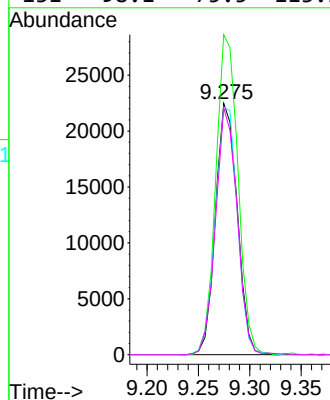
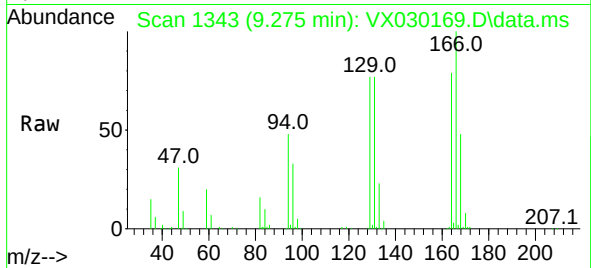


#64
Tetrachloroethene
Concen: 15.333 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

Tgt Ion:164 Resp: 33125

Ion	Ratio	Lower	Upper
164	100		
166	127.3	98.2	147.4
129	98.4	80.8	121.2
131	98.1	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion:152 Resp: 113086

Ion	Ratio	Lower	Upper
152	100		
115	59.8	40.5	121.5
150	157.0	0.0	347.0

