

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029942.D
 Acq On : 06 Jul 2022 14:30
 Operator : JC/MD
 Sample : N3599-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0722

Quant Time: Jul 07 02:36:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

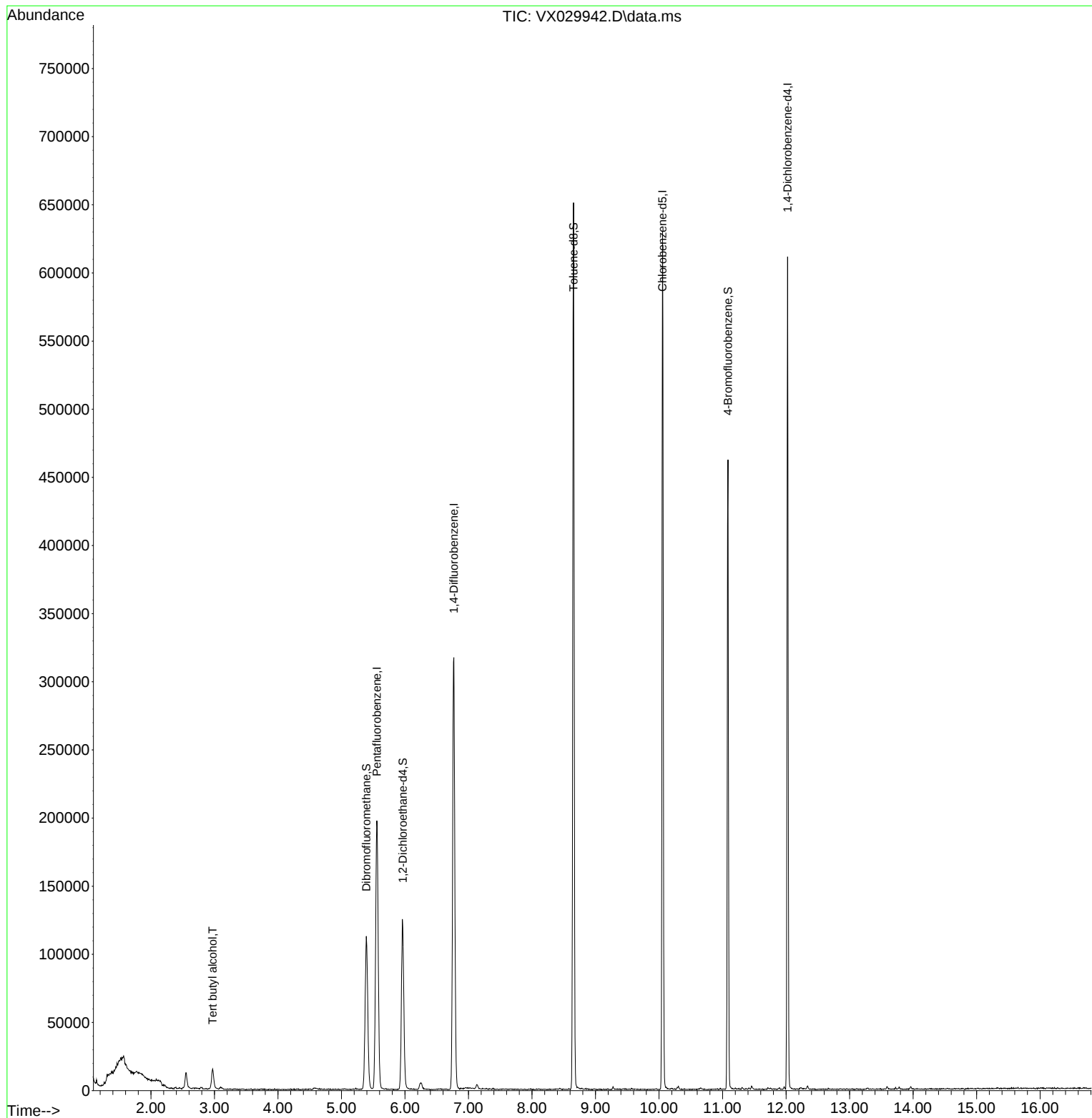
Internal Standards						
1) Pentafluorobenzene	5.556	168	197340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107961	43.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.440%
35) Dibromofluoromethane	5.391	113	100216	46.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	8.653	98	385944	47.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.460%
62) 4-Bromofluorobenzene	11.085	95	126358	44.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%
Target Compounds						
11) Tert butyl alcohol	2.971	59	18644	28.539	ug/l	Qvalue 99

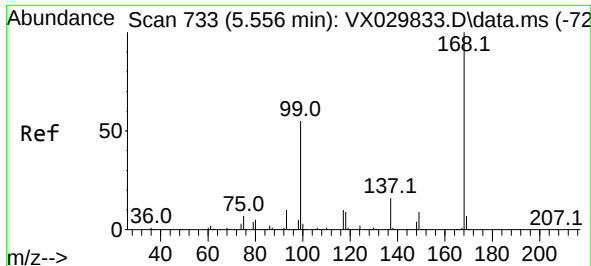
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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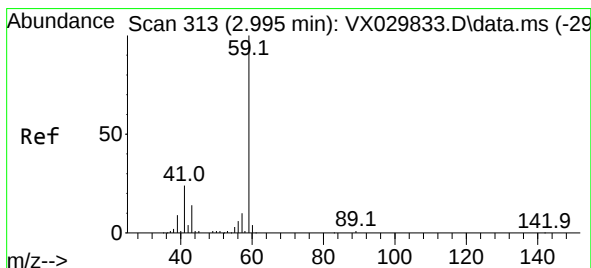
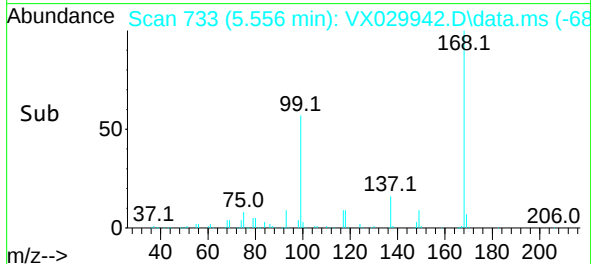
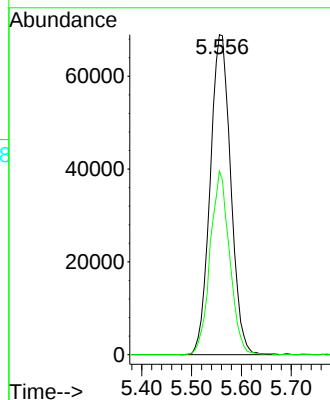
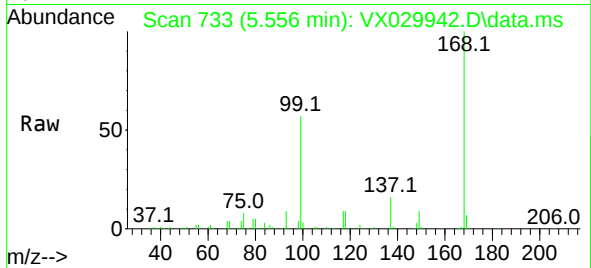




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

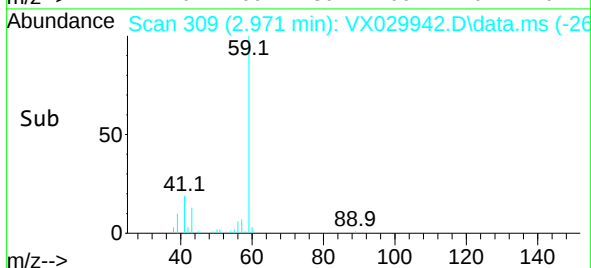
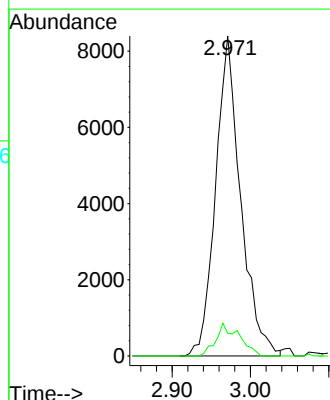
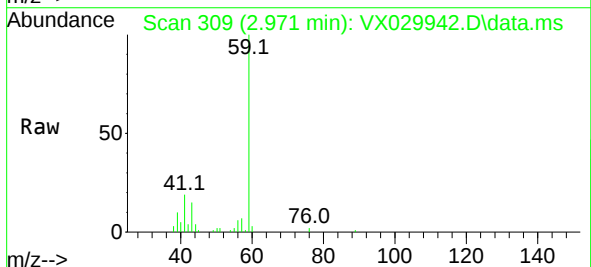
Instrument :
MSVOA_X
ClientSampleId :
EFF0722

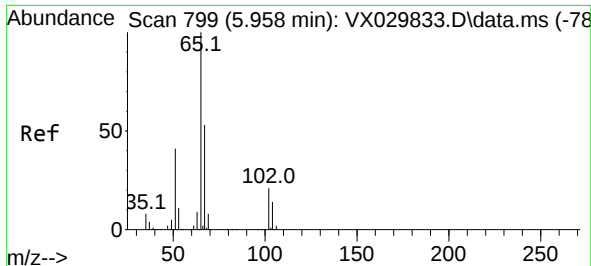
Tgt Ion:168 Resp: 197340
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#11
Tert butyl alcohol
Concen: 28.539 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Tgt Ion: 59 Resp: 18644
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.2





#33

1,2-Dichloroethane-d4

Concen: 43.219 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029942.D

Acq: 06 Jul 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

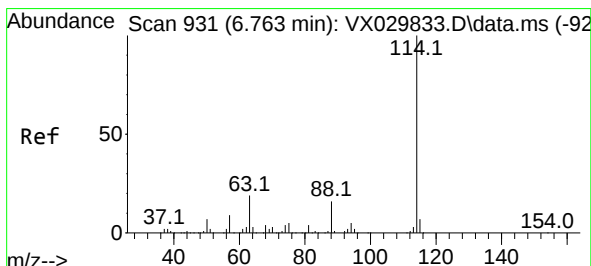
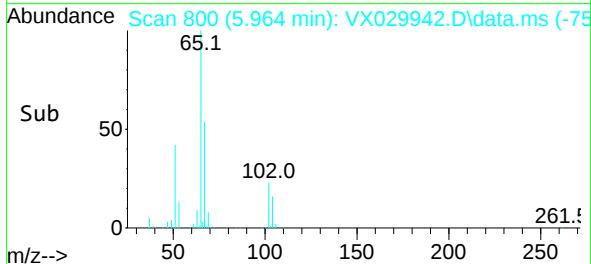
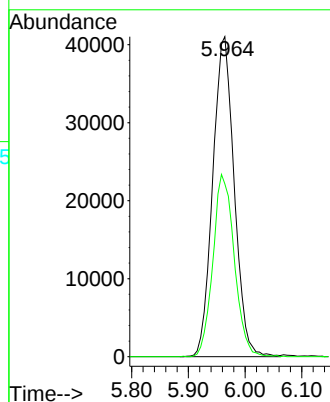
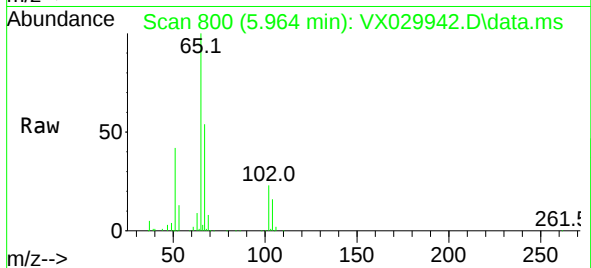
EFF0722

Tgt Ion: 65 Resp: 107961

Ion Ratio Lower Upper

65 100

67 56.7 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: VX029942.D

Acq: 06 Jul 2022 14:30

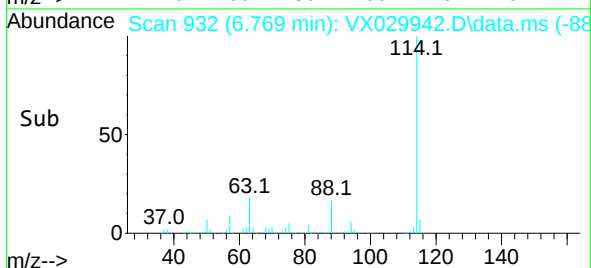
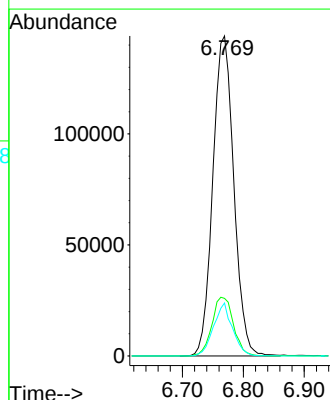
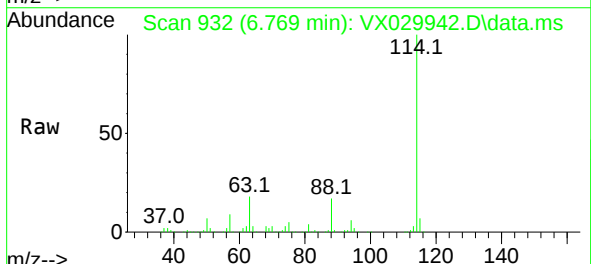
Tgt Ion: 114 Resp: 344878

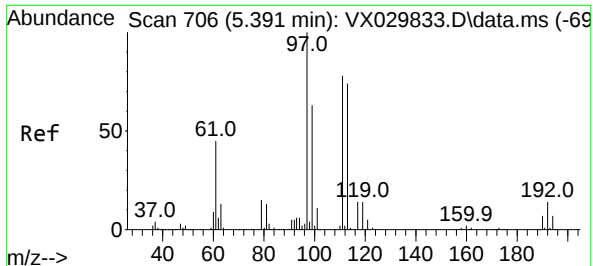
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.497 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029942.D

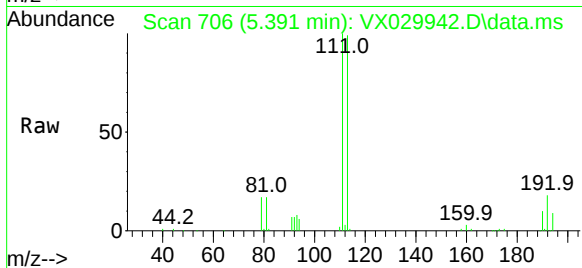
Acq: 06 Jul 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

EFF0722



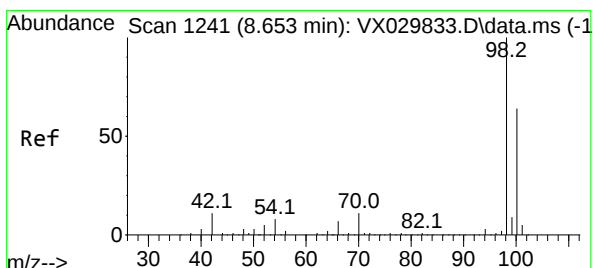
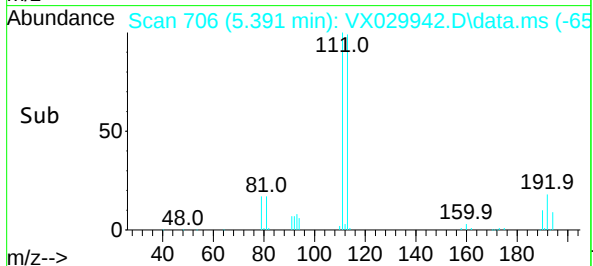
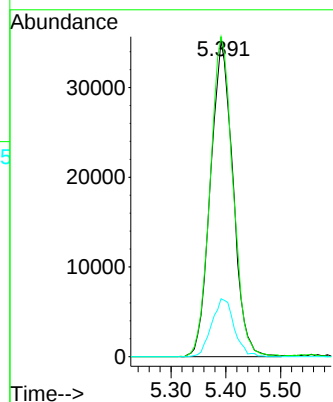
Tgt Ion:113 Resp: 100216

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 18.4 14.8 22.2



#50

Toluene-d8

Concen: 47.732 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029942.D

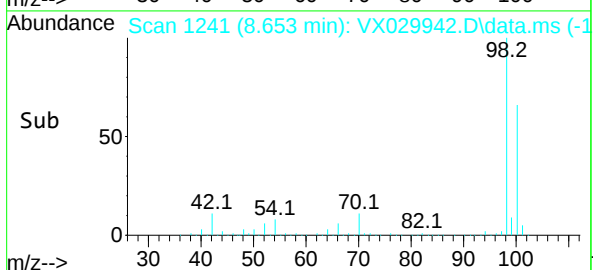
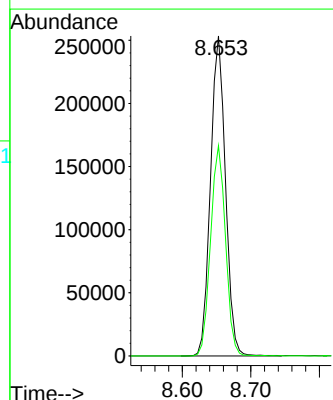
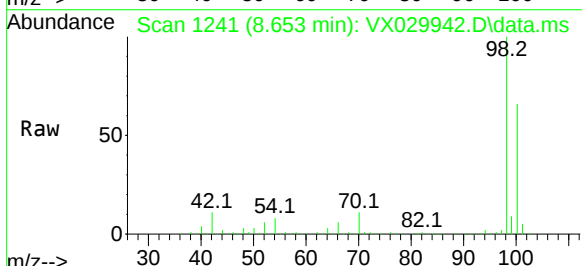
Acq: 06 Jul 2022 14:30

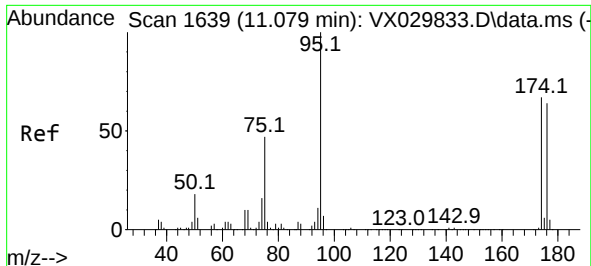
Tgt Ion: 98 Resp: 385944

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 44.210 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029942.D

Acq: 06 Jul 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

EFF0722

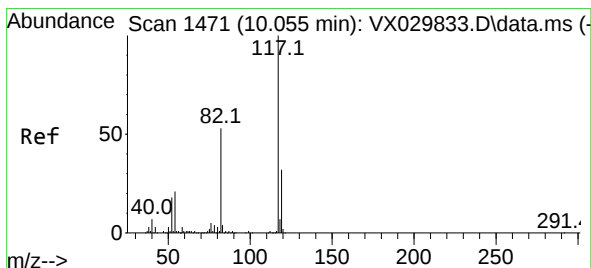
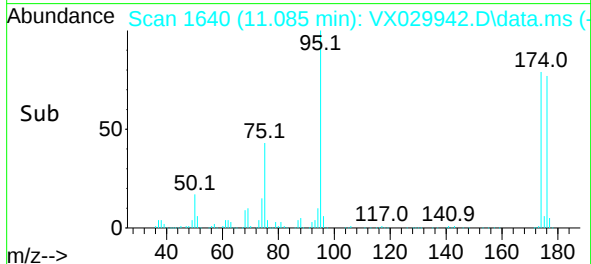
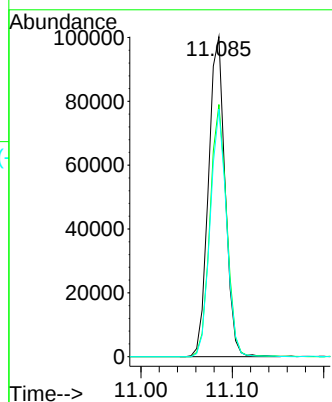
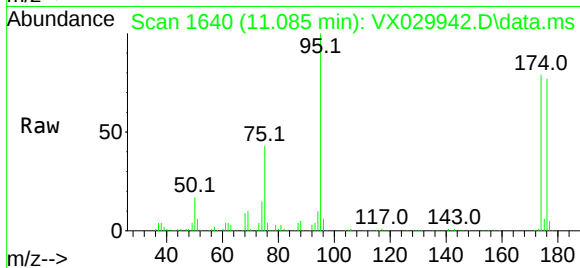
Tgt Ion: 95 Resp: 126358

Ion Ratio Lower Upper

95 100

174 78.8 0.0 149.0

176 75.7 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: VX029942.D

Acq: 06 Jul 2022 14:30

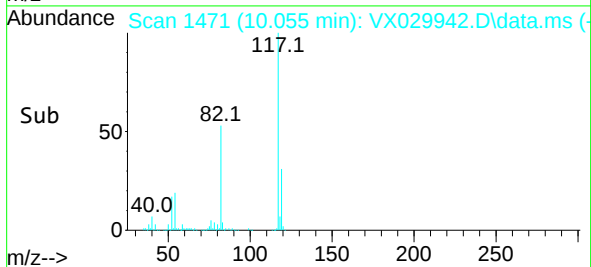
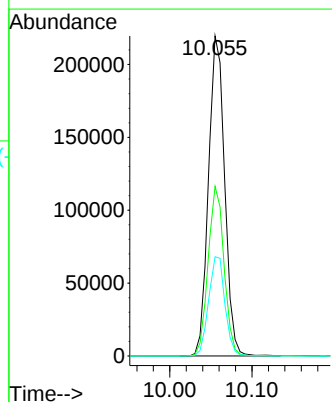
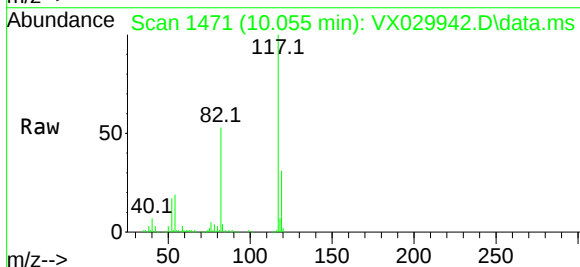
Tgt Ion: 117 Resp: 300041

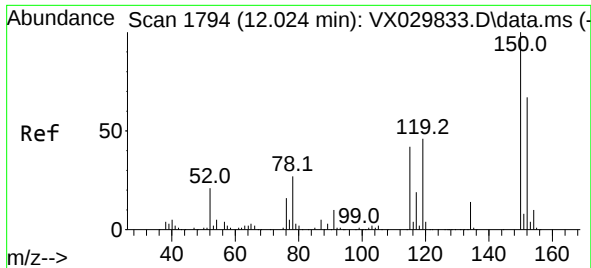
Ion Ratio Lower Upper

117 100

82 53.0 42.7 64.1

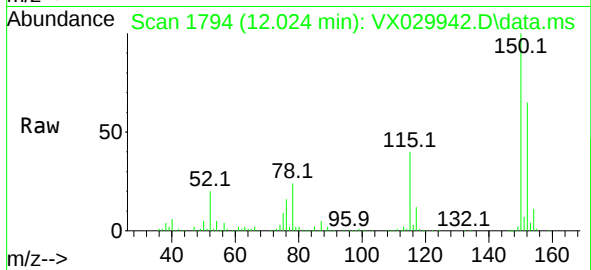
119 31.0 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029942.D
 Acq: 06 Jul 2022 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0722



Tgt Ion:152 Resp: 124567
 Ion Ratio Lower Upper
 152 100
 115 59.3 40.5 121.5
 150 155.4 0.0 347.0

