

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016778.D
 Acq On : 16 Jun 2020 14:44
 Operator : JC/SP
 Sample : L3003-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2020-2

Quant Time: Jun 17 04:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	395369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203814	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	143648	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	5.46	113	118968	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	8.70	98	482925	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	11.12	95	197885	57.52	ug/l	0.00
Spiked Amount			Recovery	=	115.04%	

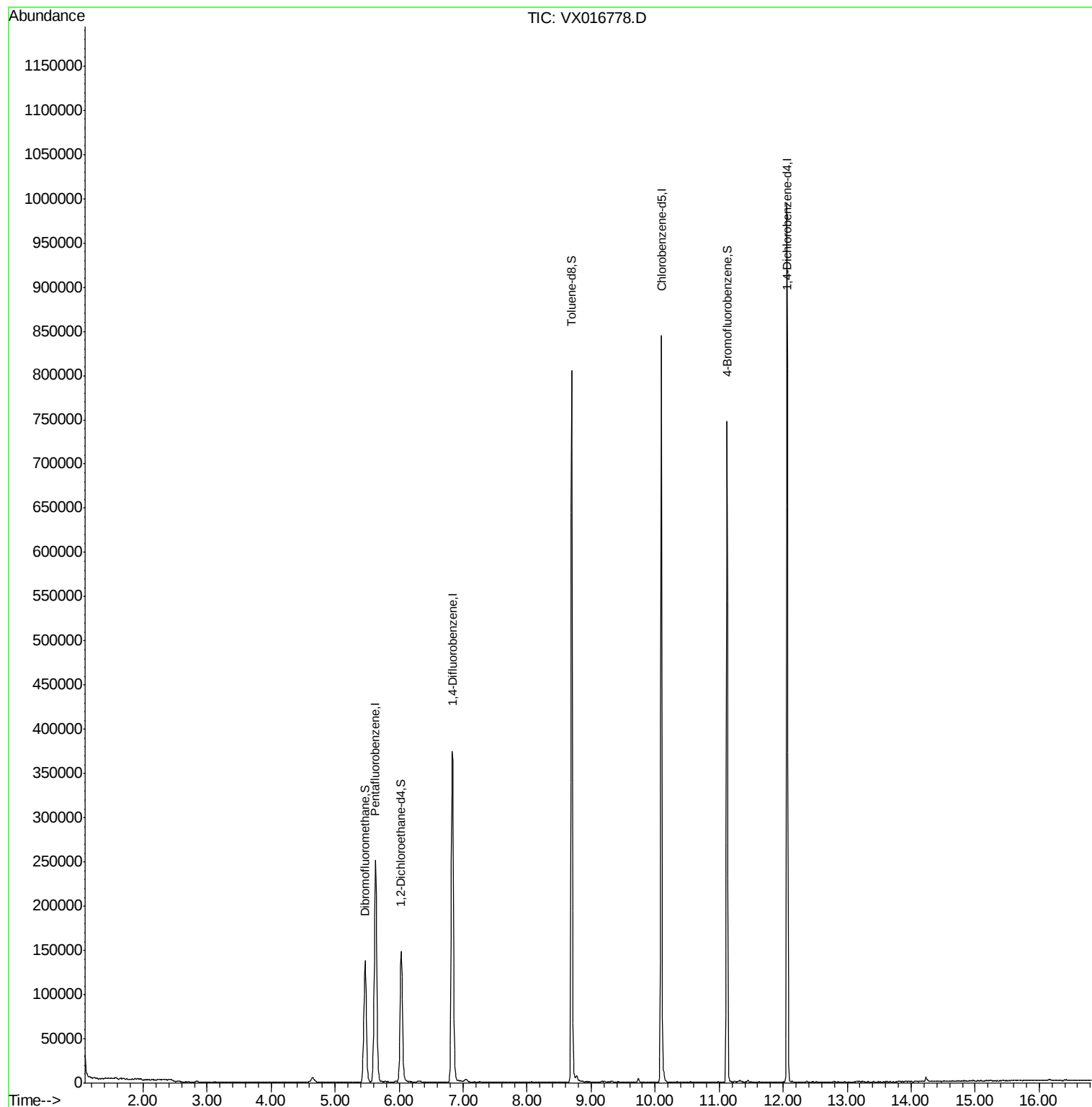
Target Compounds	Qvalue
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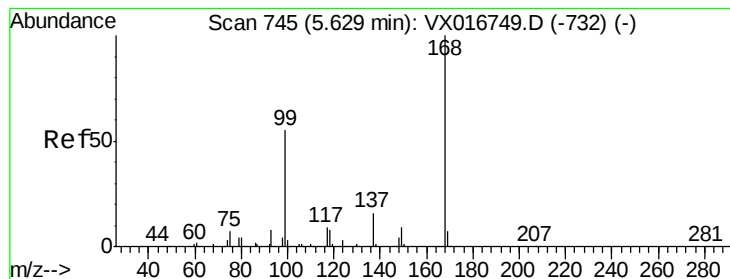
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampled :

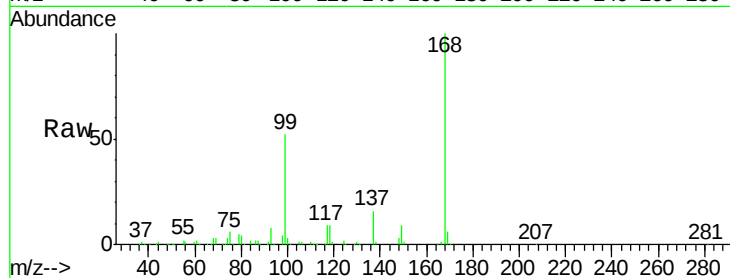
S49-TB-2020-2

Tot Ion:168 Resp: 252657

Ion Ratio Lower Upper

168 100

99 52.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

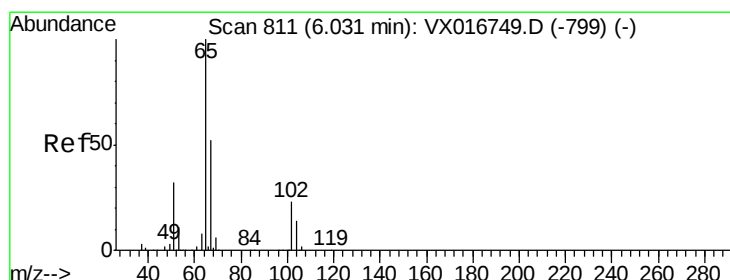
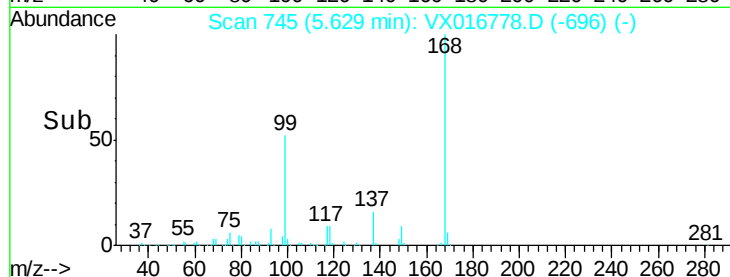
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.548 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016778.D

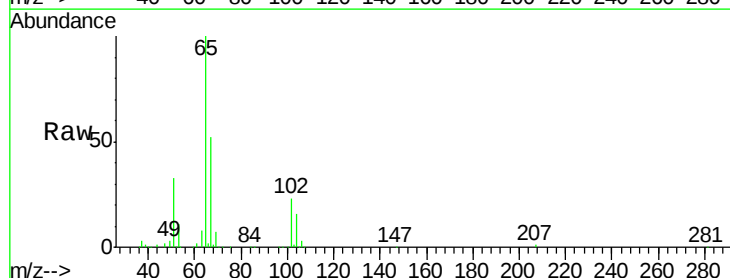
Acq: 16 Jun 2020 14:44

Tgt Ion: 65 Resp: 143648

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

30000

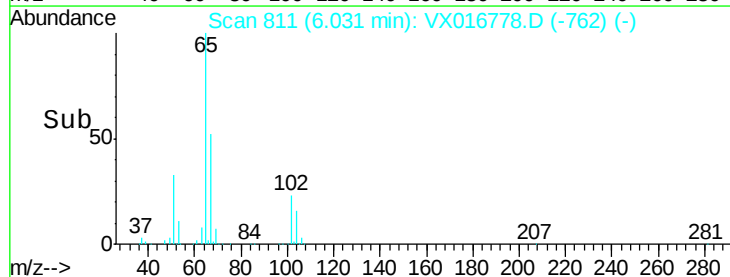
20000

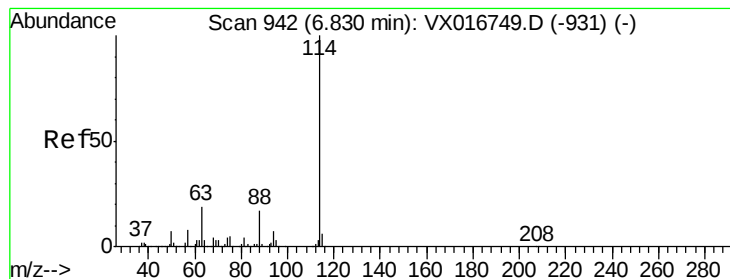
10000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

S49-TB-2020-2

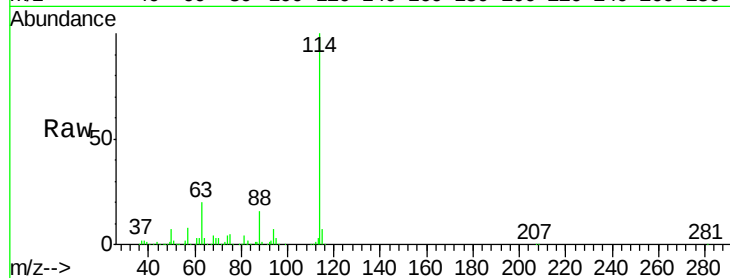
Tot Ion:114 Resp: 395369

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

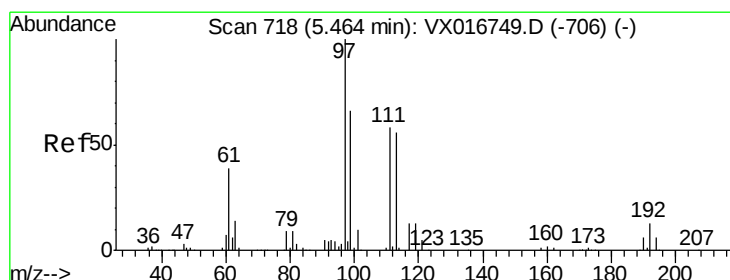
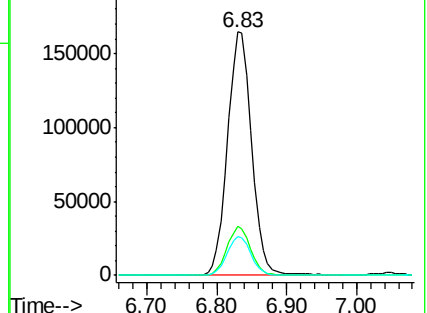
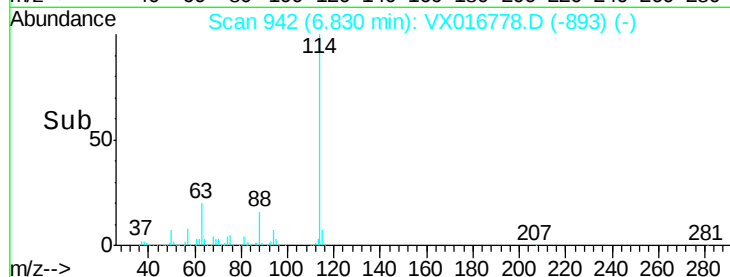
88 15.9 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.770 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016778.D

Acq: 16 Jun 2020 14:44

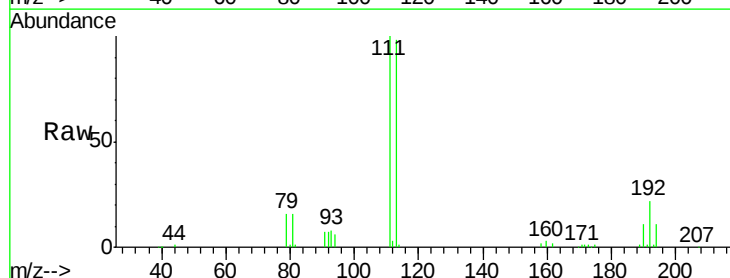
Tgt Ion:113 Resp: 118968

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

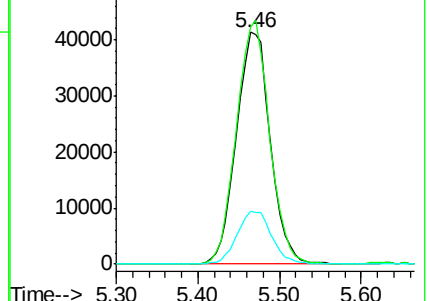
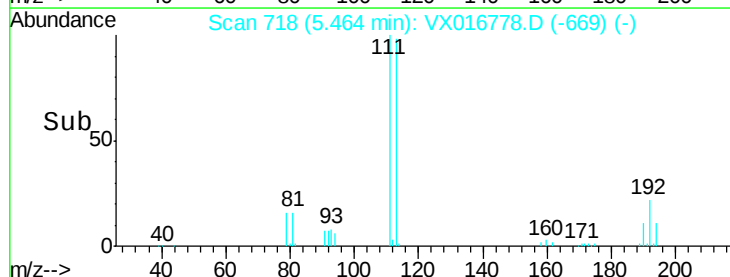
192 23.1 18.2 27.4

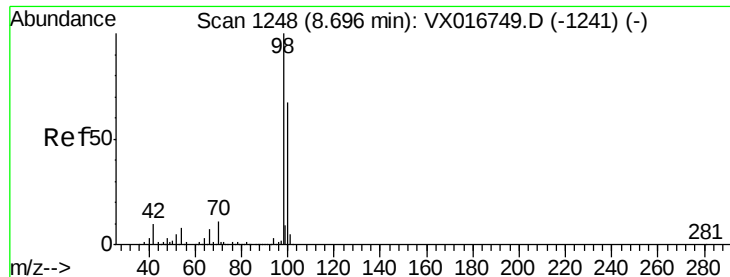


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

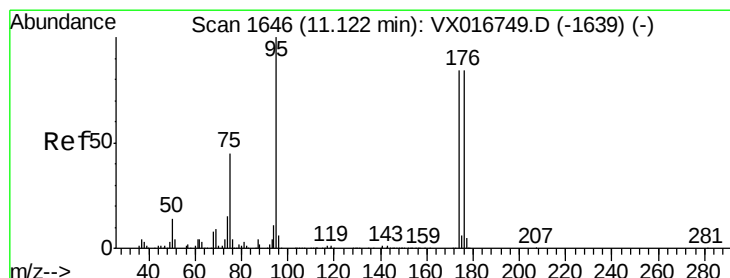
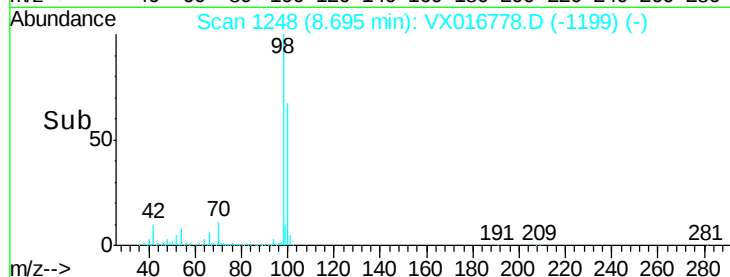
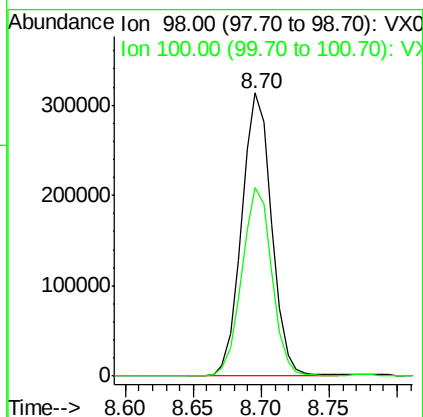
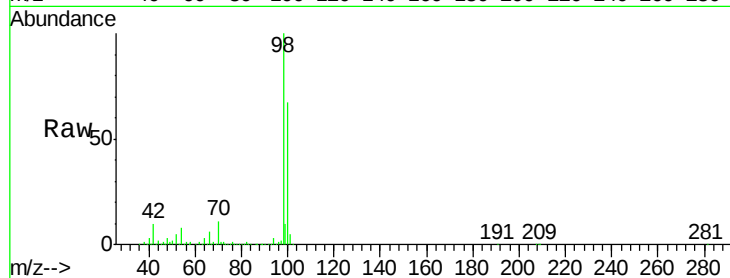




#50
Toluene-d8
Concen: 53.691 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

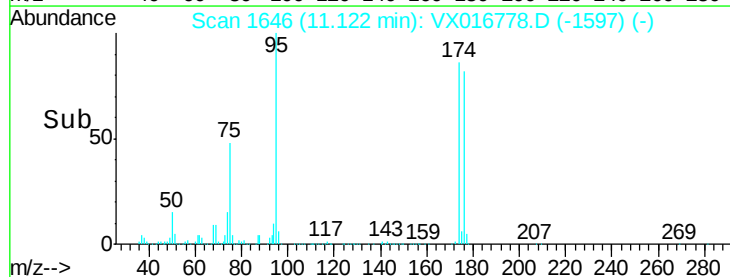
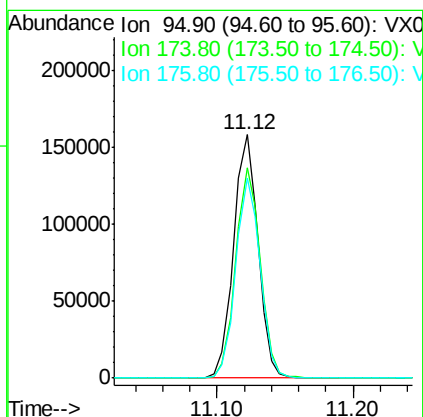
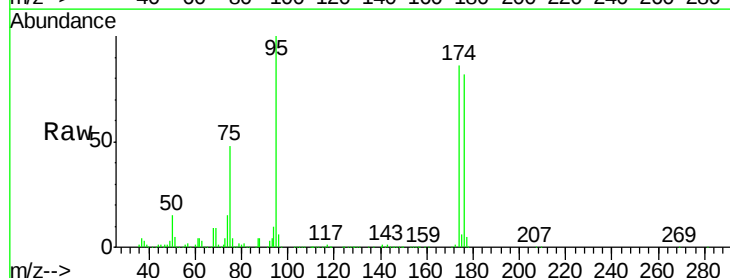
Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2020-2

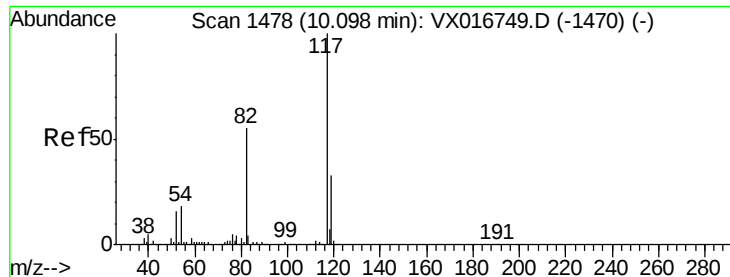
Tot Ion: 98 Resp: 482925
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 57.518 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

Tgt Ion: 95 Resp: 197885
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.0
176 82.3 0.0 166.2

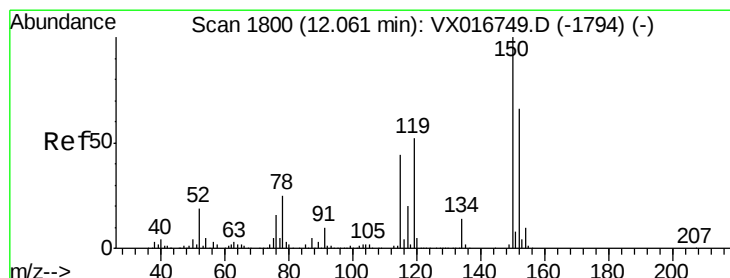
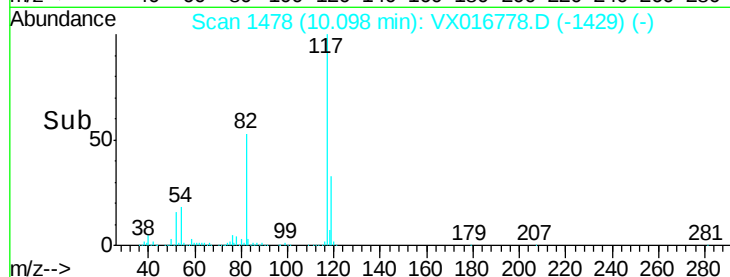
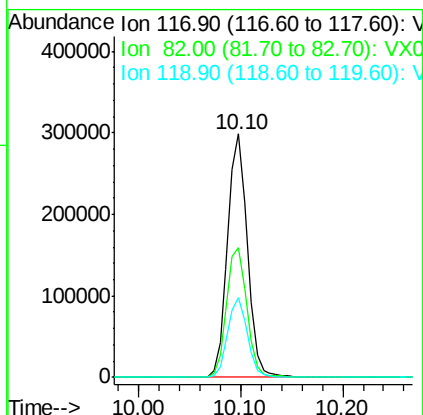
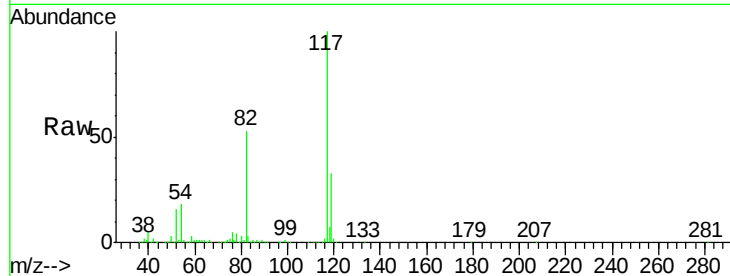




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2020-2

Tot Ion:117 Resp: 401373
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.6
119 32.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016778.D
Acq: 16 Jun 2020 14:44

Tgt Ion:152 Resp: 203814
Ion Ratio Lower Upper
152 100
115 58.9 40.3 120.8
150 159.9 0.0 337.4

