

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016046.D
 Acq On : 04 May 2020 19:24
 Operator : JC/SP
 Sample : L2469-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW204-20200428

Quant Time: May 05 08:54:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

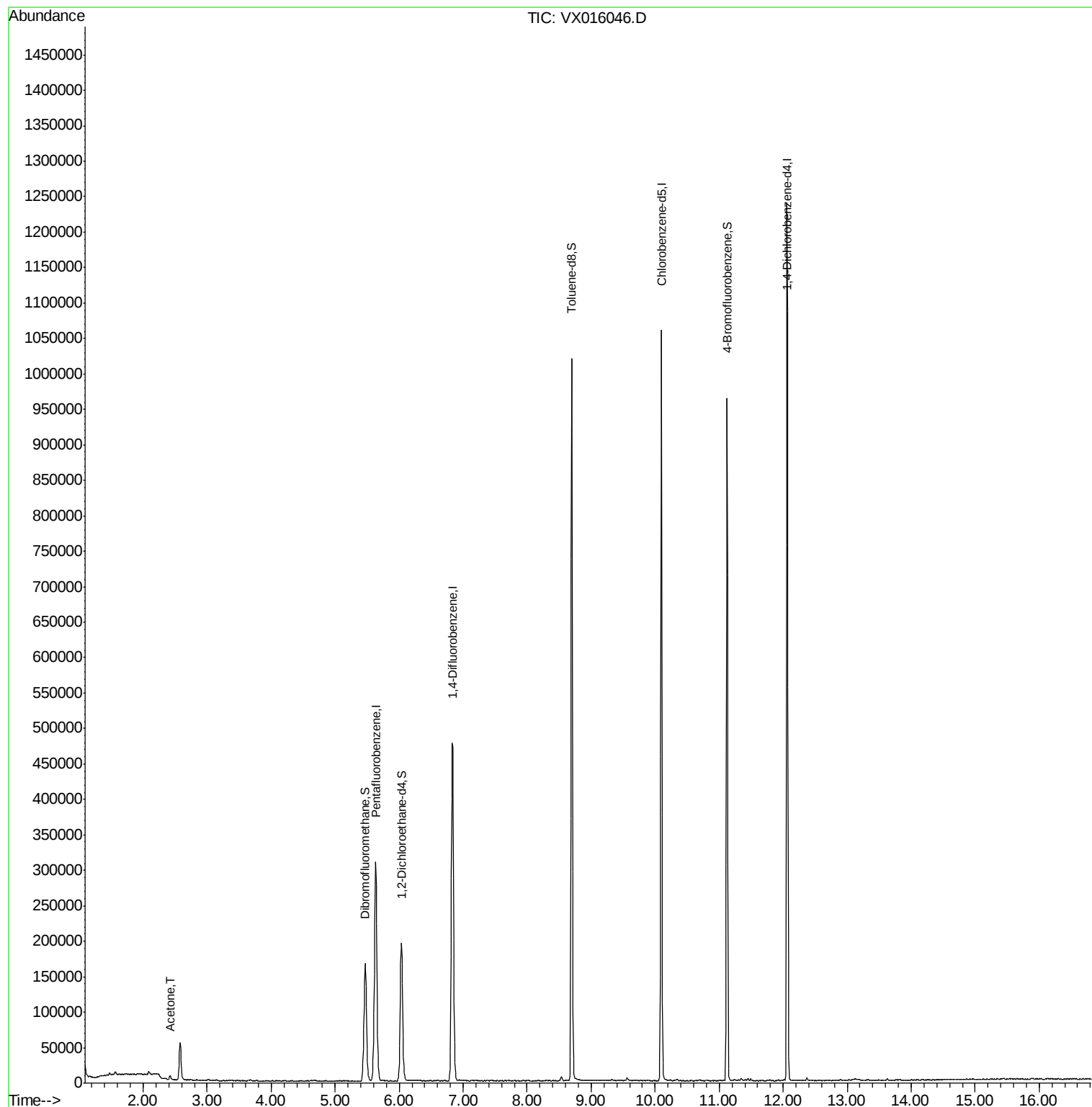
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	297078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	485724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	185829	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.47	113	142974	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.70	98	584721	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.12	95	242265	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
Target Compounds						
16) Acetone	2.42	43	5507	3.157	ug/l	Qvalue 94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016046.D

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MSVOA_X

ClientSampleId :

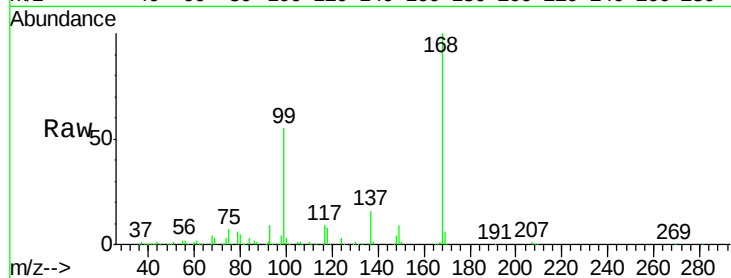
SA-SW204-20200428

Tot Ion:168 Resp: 297078

Ion Ratio Lower Upper

168 100

99 55.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

60000

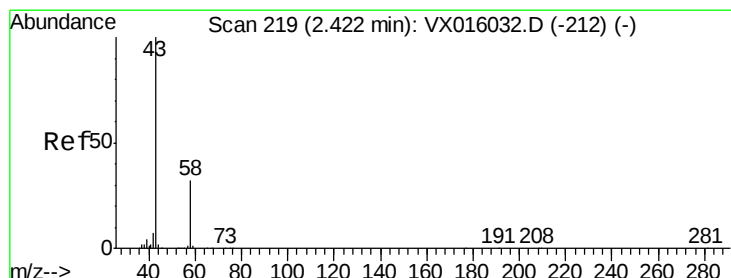
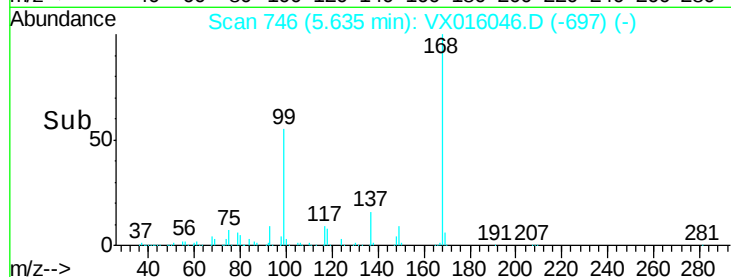
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.157 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016046.D

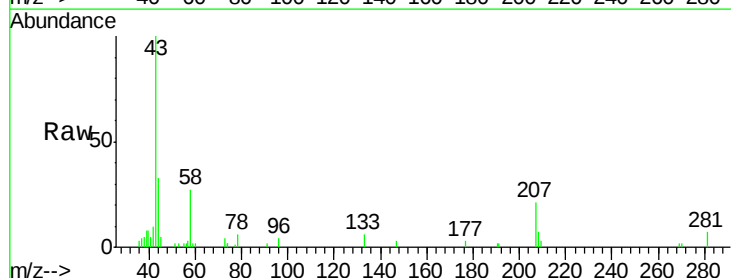
Acq: 04 May 2020 19:24

Tgt Ion: 43 Resp: 5507

Ion Ratio Lower Upper

43 100

58 28.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

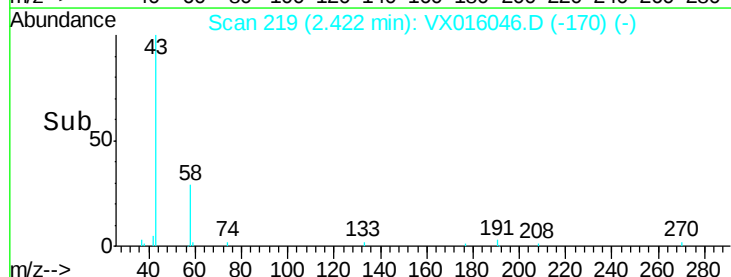
2000

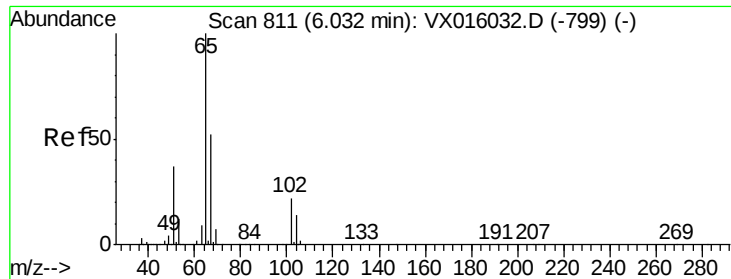
1000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 47.536 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016046.D

Acq: 04 May 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

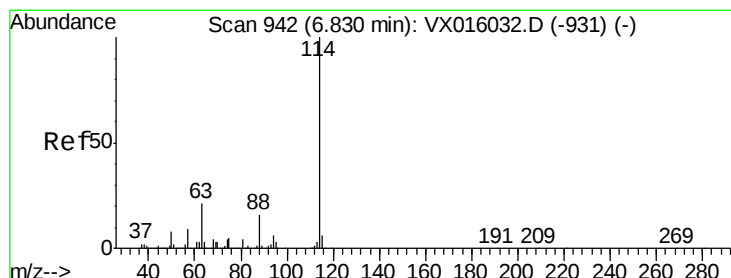
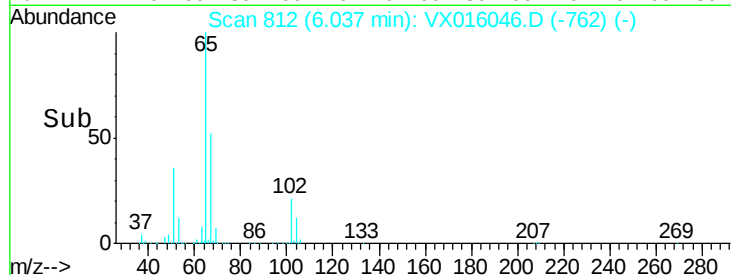
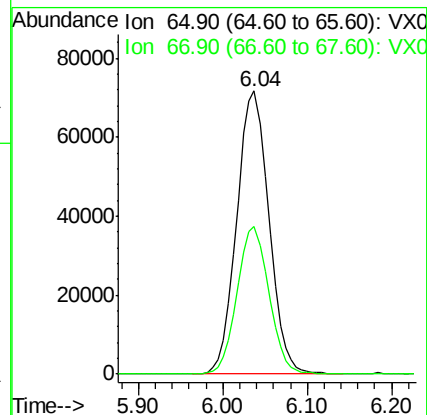
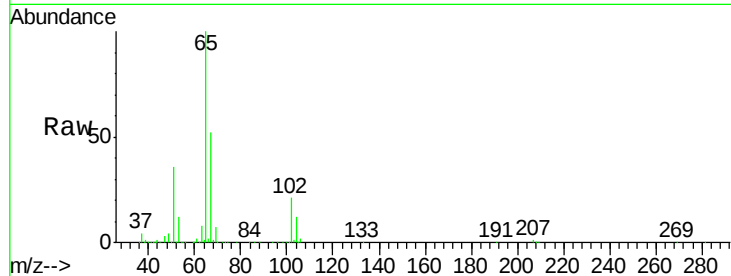
SA-SW204-20200428

Tot Ion: 65 Resp: 185829

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016046.D

Acq: 04 May 2020 19:24

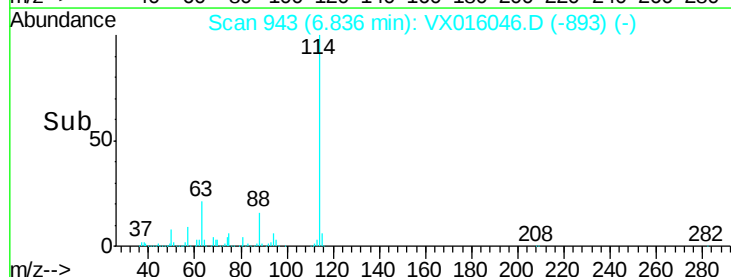
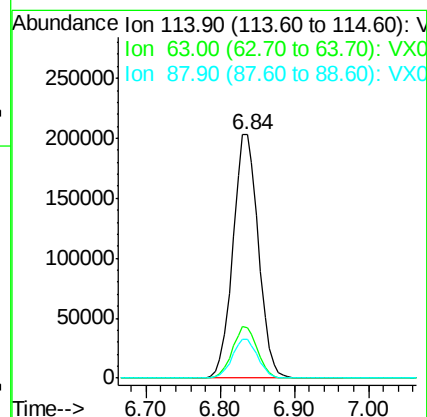
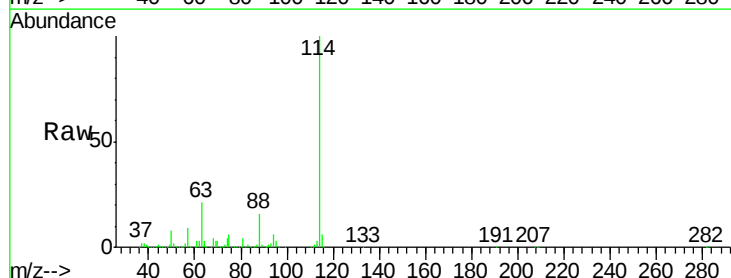
Tgt Ion: 114 Resp: 485724

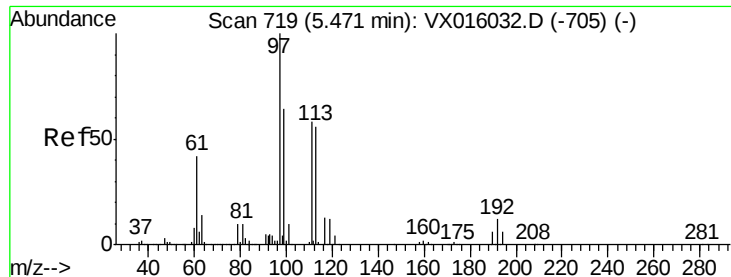
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.0 0.0 31.4

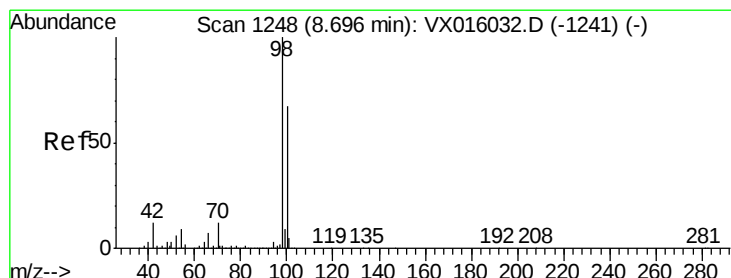
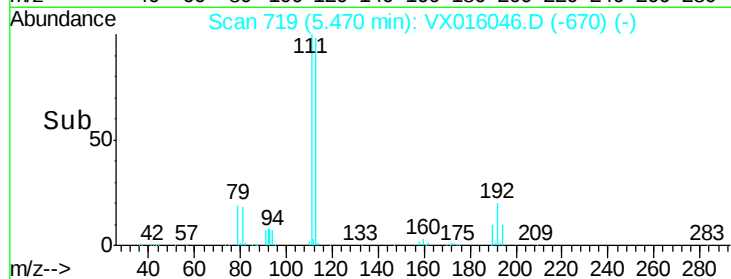
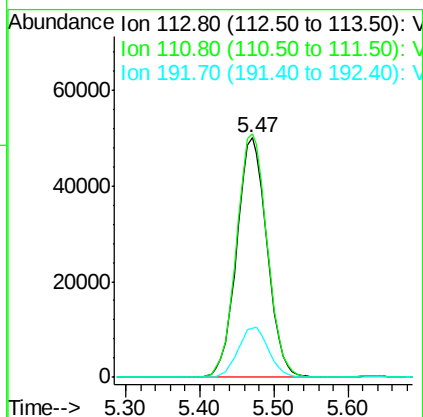
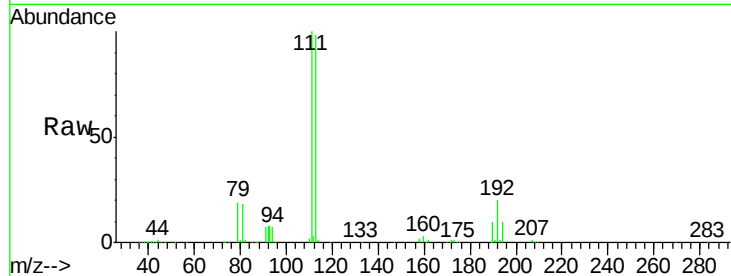




#35
 Dibromofluoromethane
 Concen: 46.461 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016046.D
 Acq: 04 May 2020 19:24

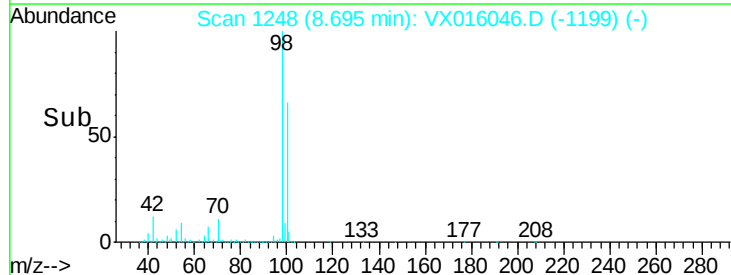
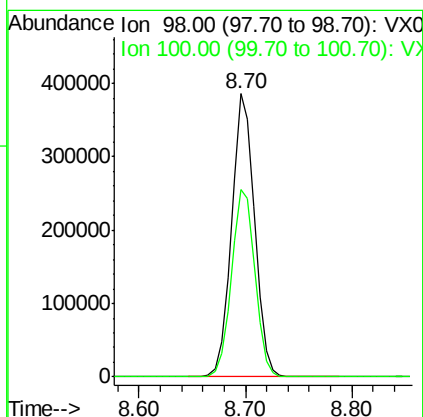
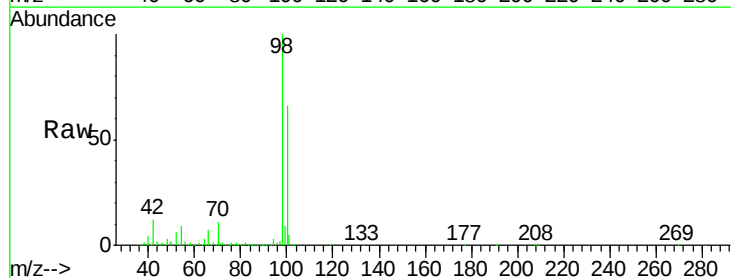
Instrument :
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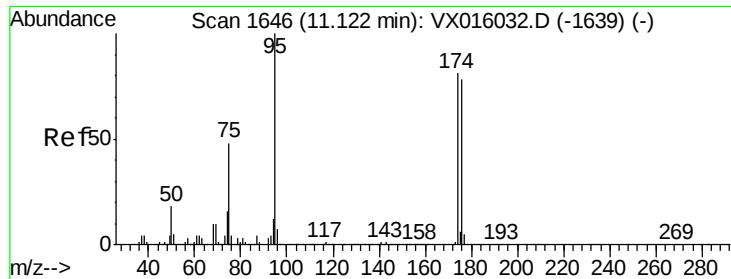
Tot Ion:113 Resp: 142974
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.6 122.4
 192 21.0 17.0 25.4



#50
 Toluene-d8
 Concen: 49.315 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016046.D
 Acq: 04 May 2020 19:24

Tgt Ion: 98 Resp: 584721
 Ion Ratio Lower Upper
 98 100
 100 67.9 53.7 80.5





#62

4-Bromofluorobenzene

Concen: 53.720 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016046.D

Acq: 04 May 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

SA-SW204-20200428

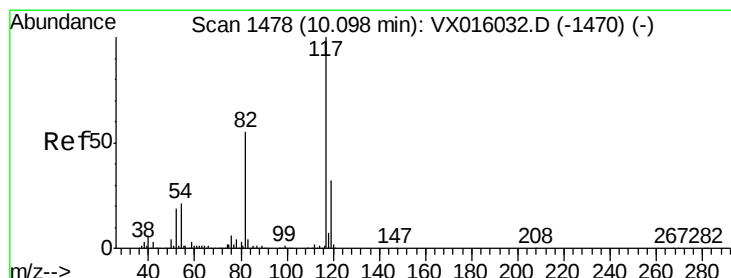
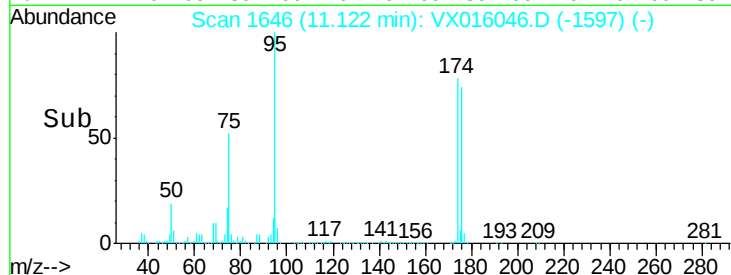
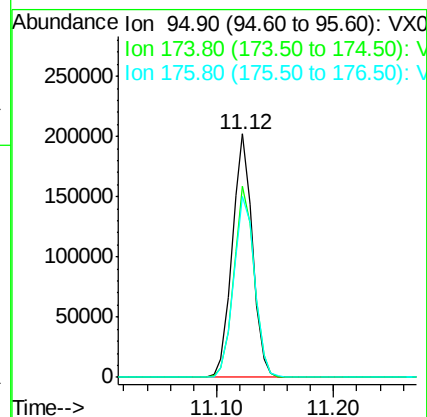
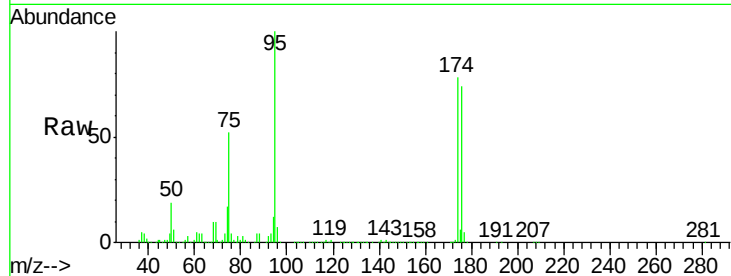
Tot Ion: 95 Resp: 242265

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.4

176 77.8 0.0 157.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016046.D

Acq: 04 May 2020 19:24

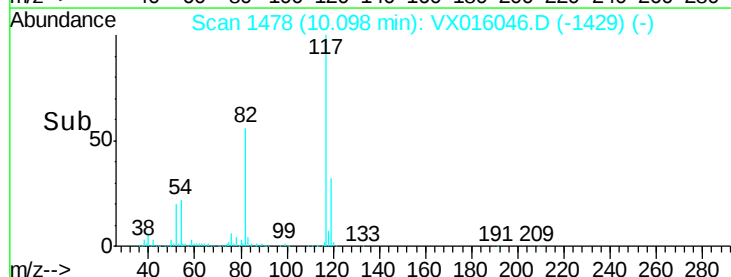
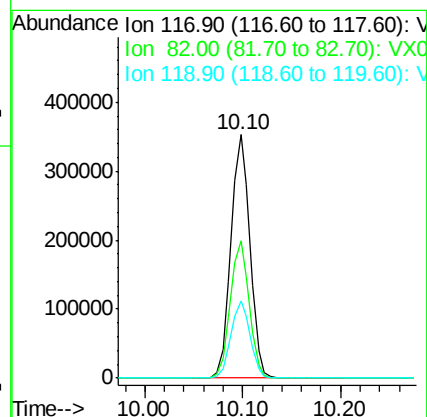
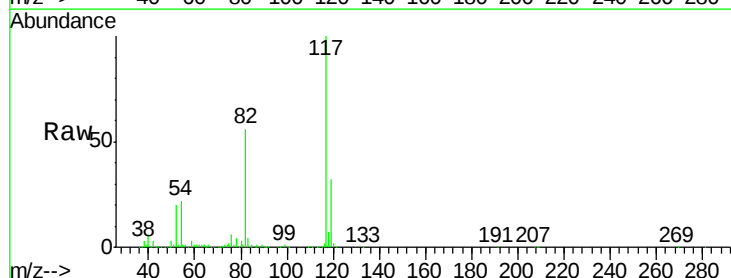
Tgt Ion: 117 Resp: 475826

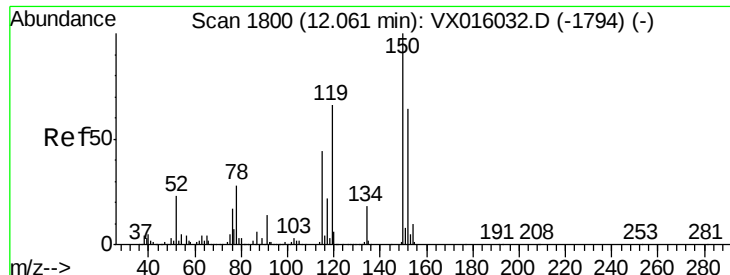
Ion Ratio Lower Upper

117 100

82 56.2 44.4 66.6

119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016046.D

Acq: 04 May 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

SA-SW204-20200428

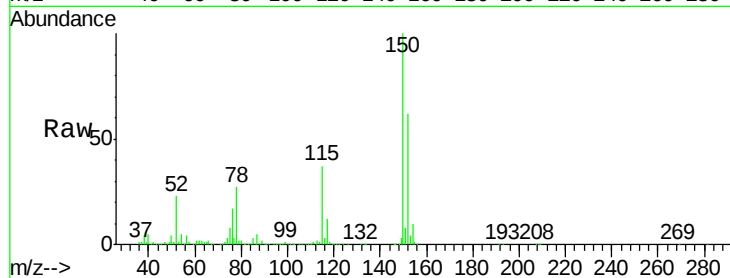
Tot Ion:152 Resp: 248865

Ion Ratio Lower Upper

152 100

115 58.4 41.3 124.1

150 156.6 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

