

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014318.D
 Acq On : 27 Dec 2019 18:51
 Operator : JC/SP
 Sample : K6449-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LW-03

Quant Time: Dec 30 06:24:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

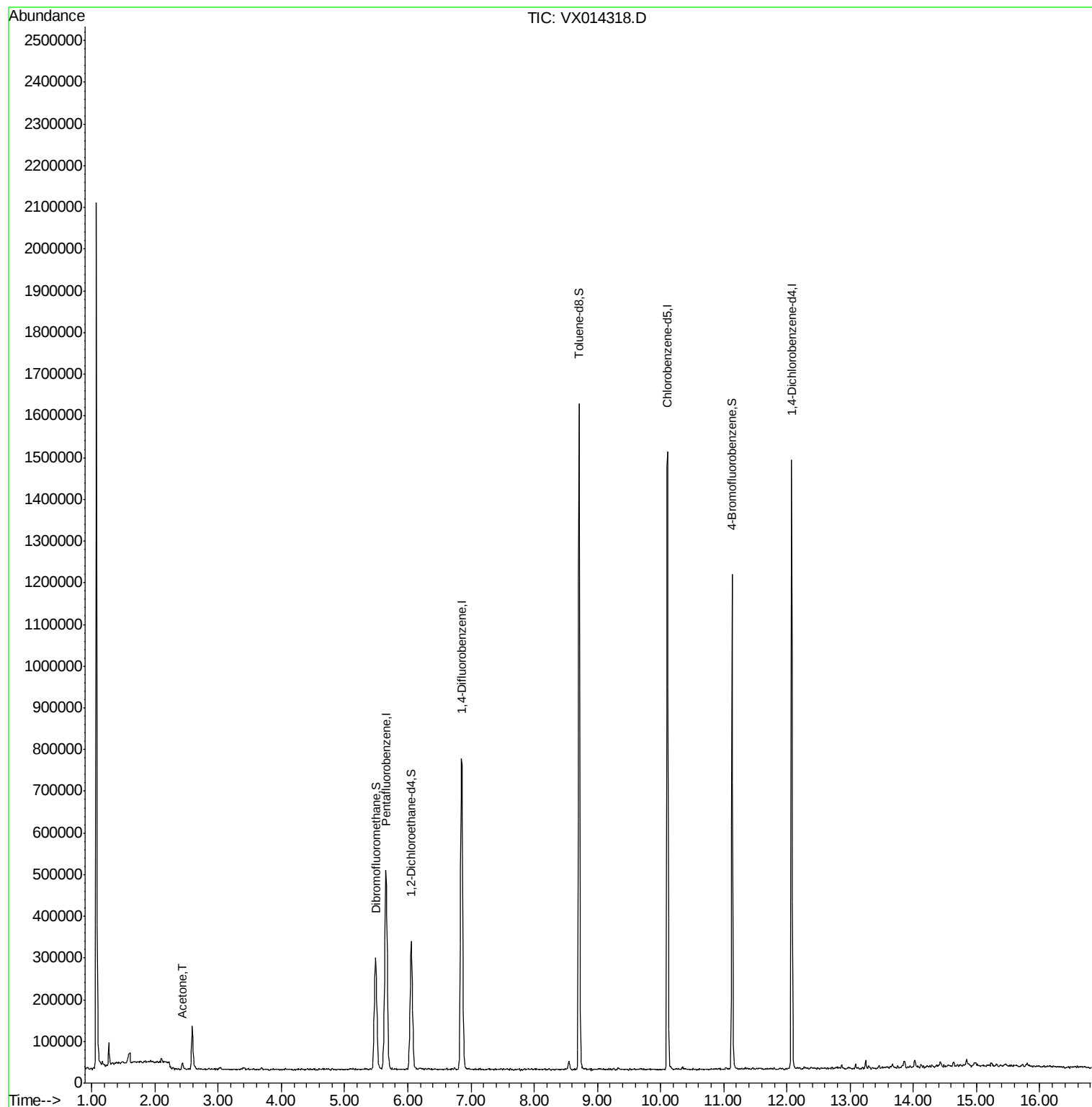
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	492959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	708677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	304063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	282320	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
35) Dibromofluoromethane	5.49	113	235441	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	919637	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	309080	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
Target Compounds						
16) Acetone	2.44	43	18689	5.153	ug/l	Qvalue 99

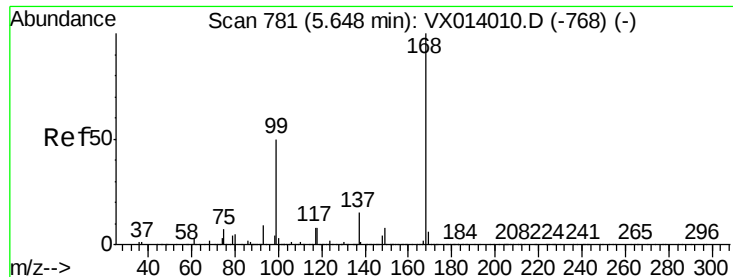
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014318.D

Acq: 27 Dec 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

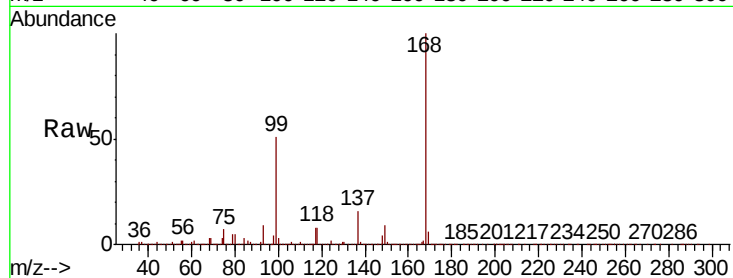
LW-03

Tot Ion:168 Resp: 492959

Ion Ratio Lower Upper

168 100

99 50.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

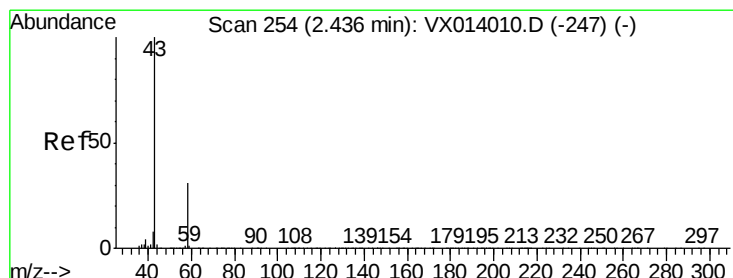
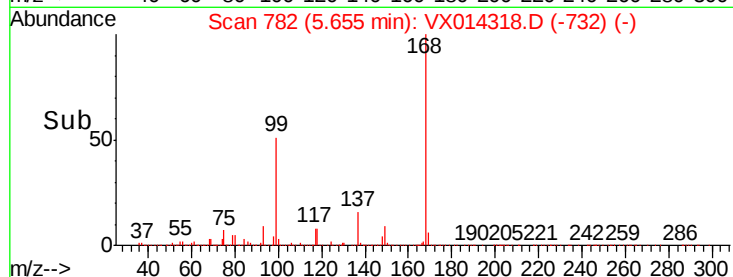
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.153 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014318.D

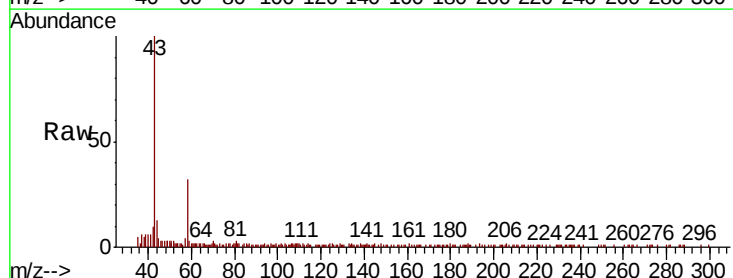
Acq: 27 Dec 2019 18:51

Tgt Ion: 43 Resp: 18689

Ion Ratio Lower Upper

43 100

58 31.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

6000

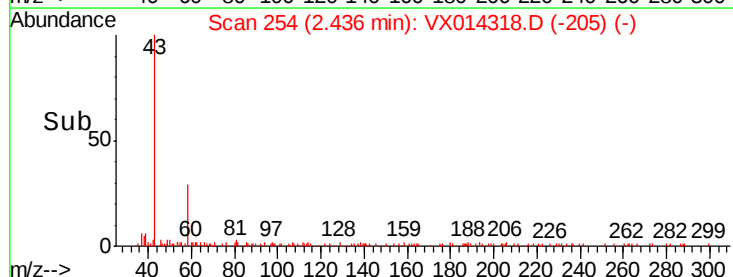
4000

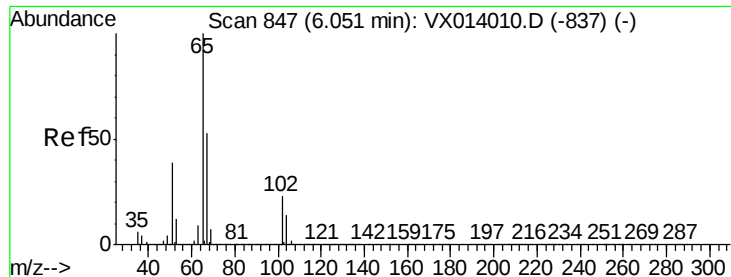
2000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.532 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014318.D

Acq: 27 Dec 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

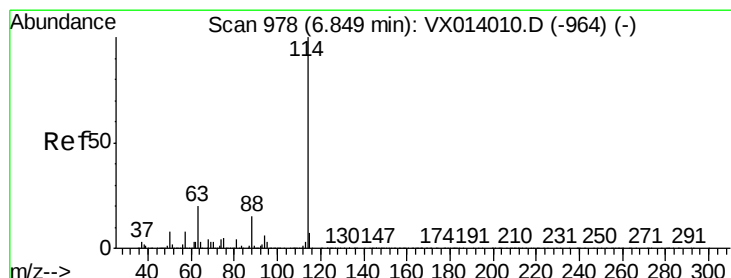
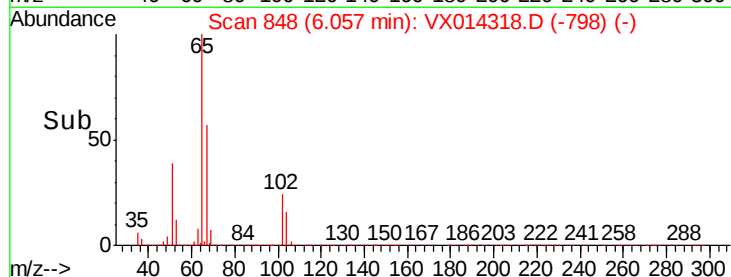
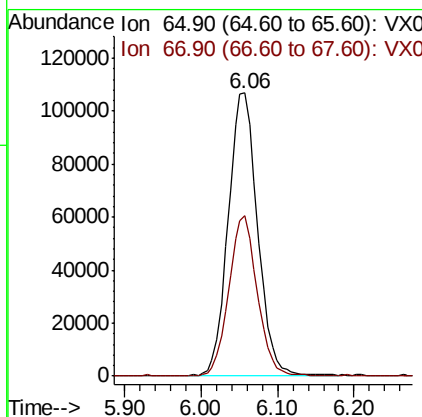
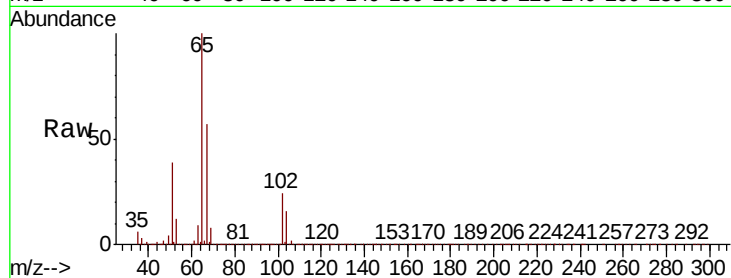
LW-03

Tot Ion: 65 Resp: 282320

Ion Ratio Lower Upper

65 100

67 55.5 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014318.D

Acq: 27 Dec 2019 18:51

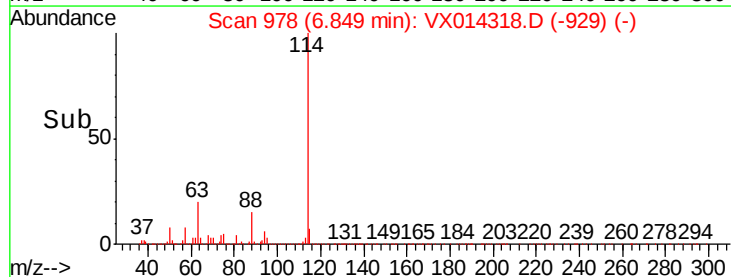
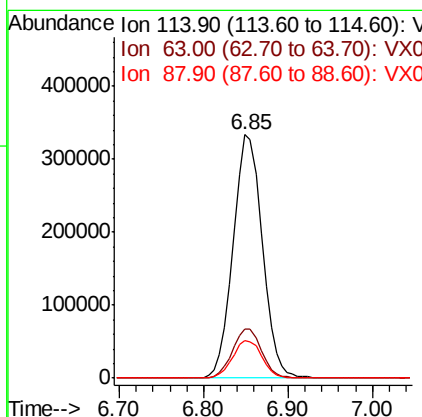
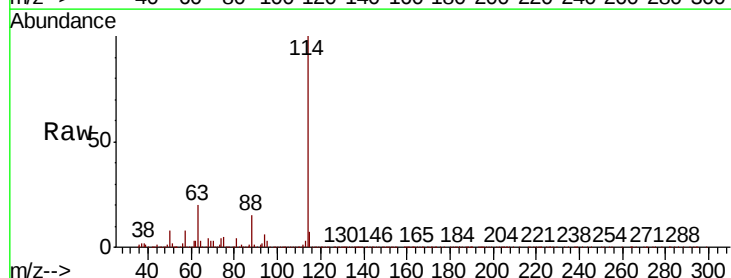
Tgt Ion: 114 Resp: 782918

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.1 0.0 30.4

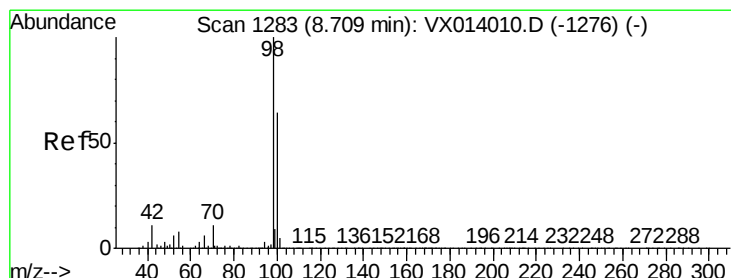
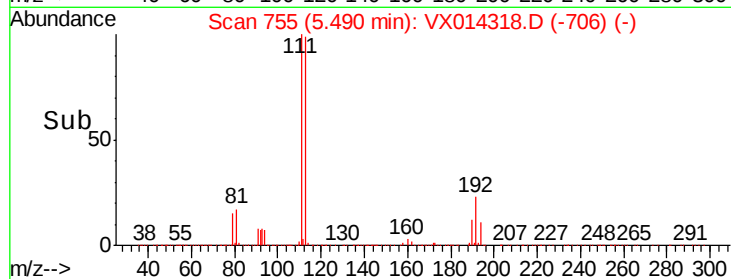
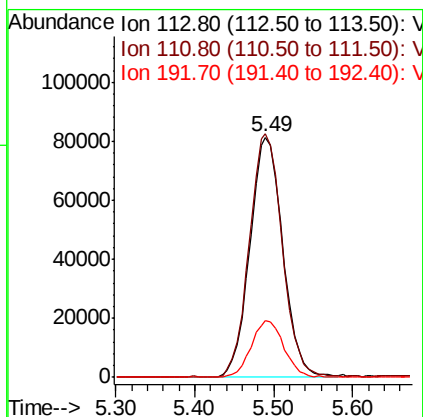
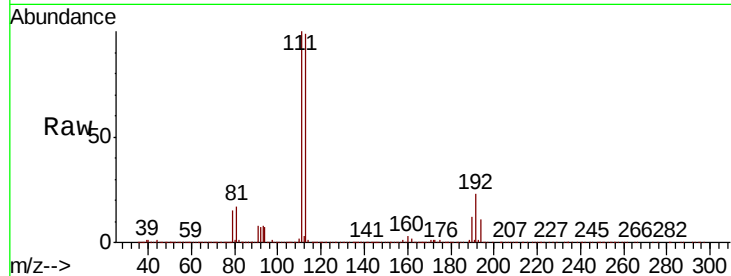




#35
 Dibromofluoromethane
 Concen: 49.470 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014318.D
 Acq: 27 Dec 2019 18:51

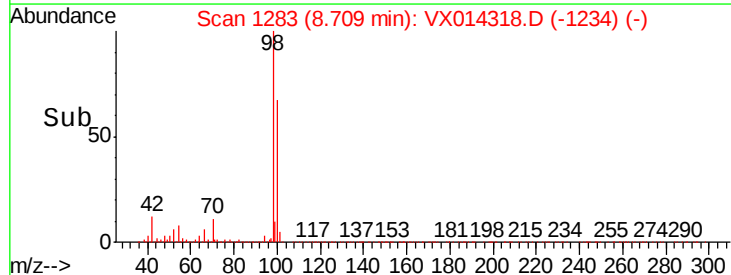
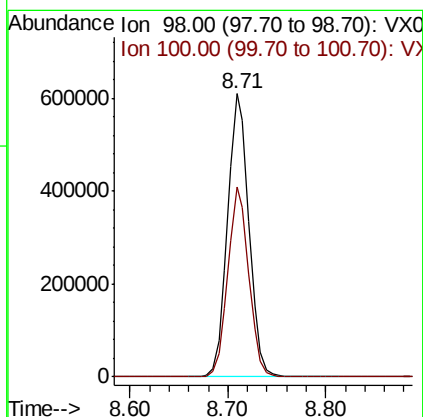
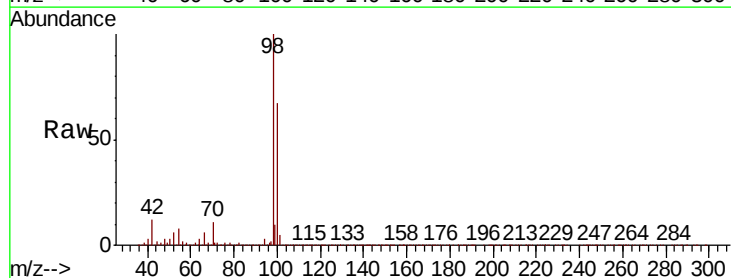
Instrument :
 MSVOA_X
 ClientSampleId :
 LW-03

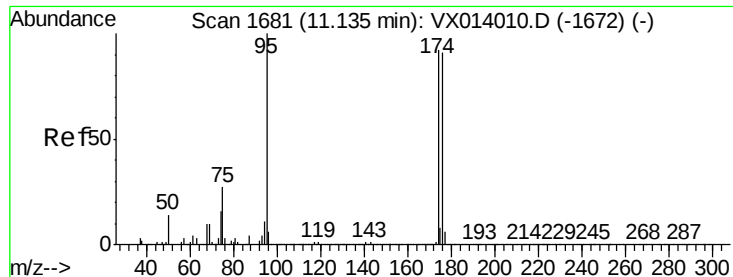
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.7	19.3	28.9



#50
 Toluene-d8
 Concen: 49.632 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014318.D
 Acq: 27 Dec 2019 18:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 45.633 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014318.D

Acq: 27 Dec 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

LW-03

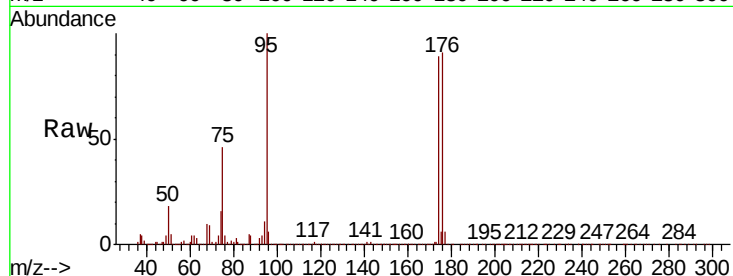
Tot Ion: 95 Resp: 309080

Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.8

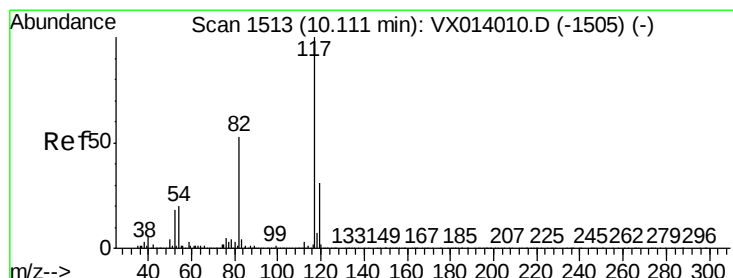
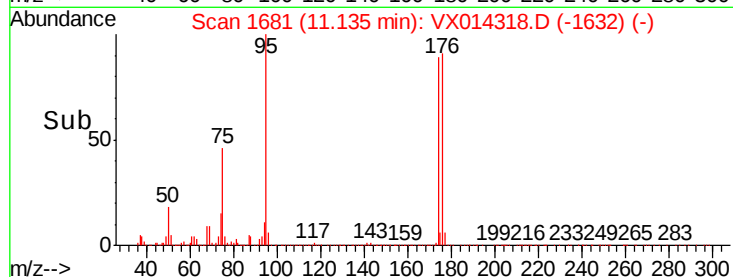
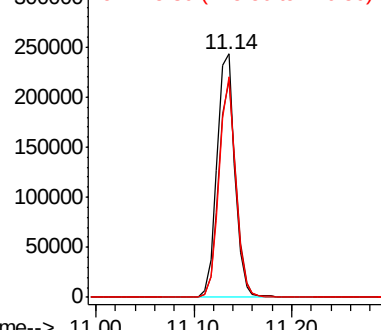
176 84.8 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014318.D

Acq: 27 Dec 2019 18:51

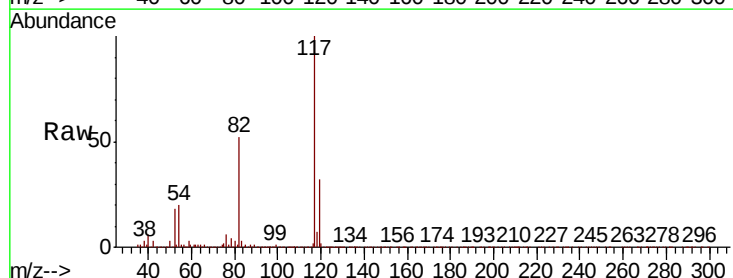
Tgt Ion: 117 Resp: 708677

Ion Ratio Lower Upper

117 100

82 51.8 42.2 63.4

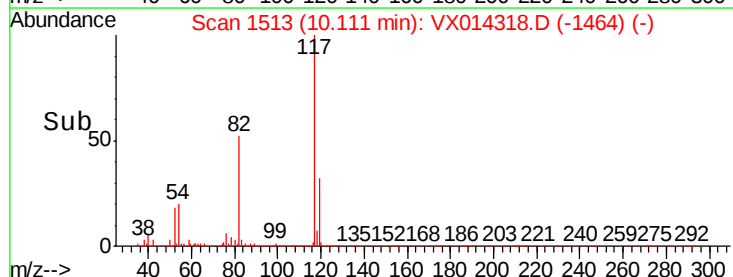
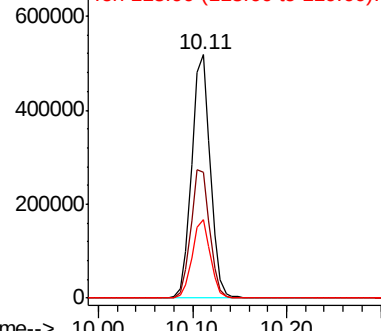
119 32.1 25.1 37.7

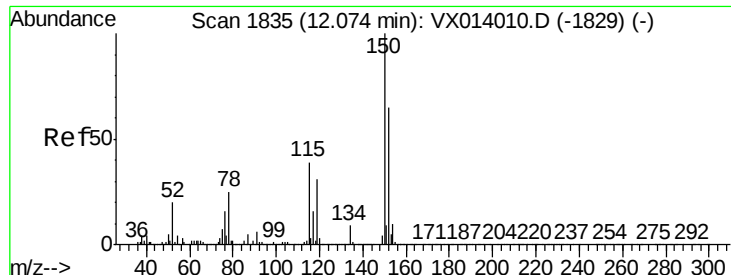


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014318.D

Acq: 27 Dec 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

LW-03

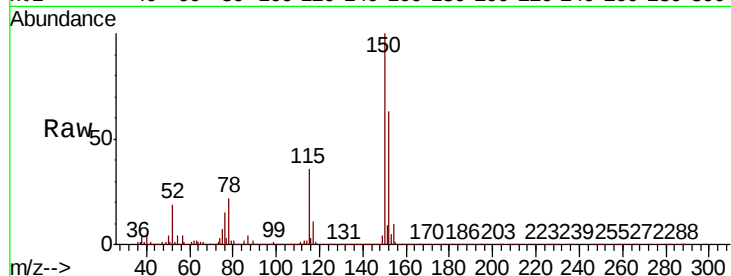
Tot Ion:152 Resp: 304063

Ion Ratio Lower Upper

152 100

115 56.5 38.3 114.9

150 159.1 0.0 345.4



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

