

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014319.D
 Acq On : 27 Dec 2019 19:14
 Operator : JC/SP
 Sample : K6449-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LW-05

Quant Time: Dec 30 06:26:13 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

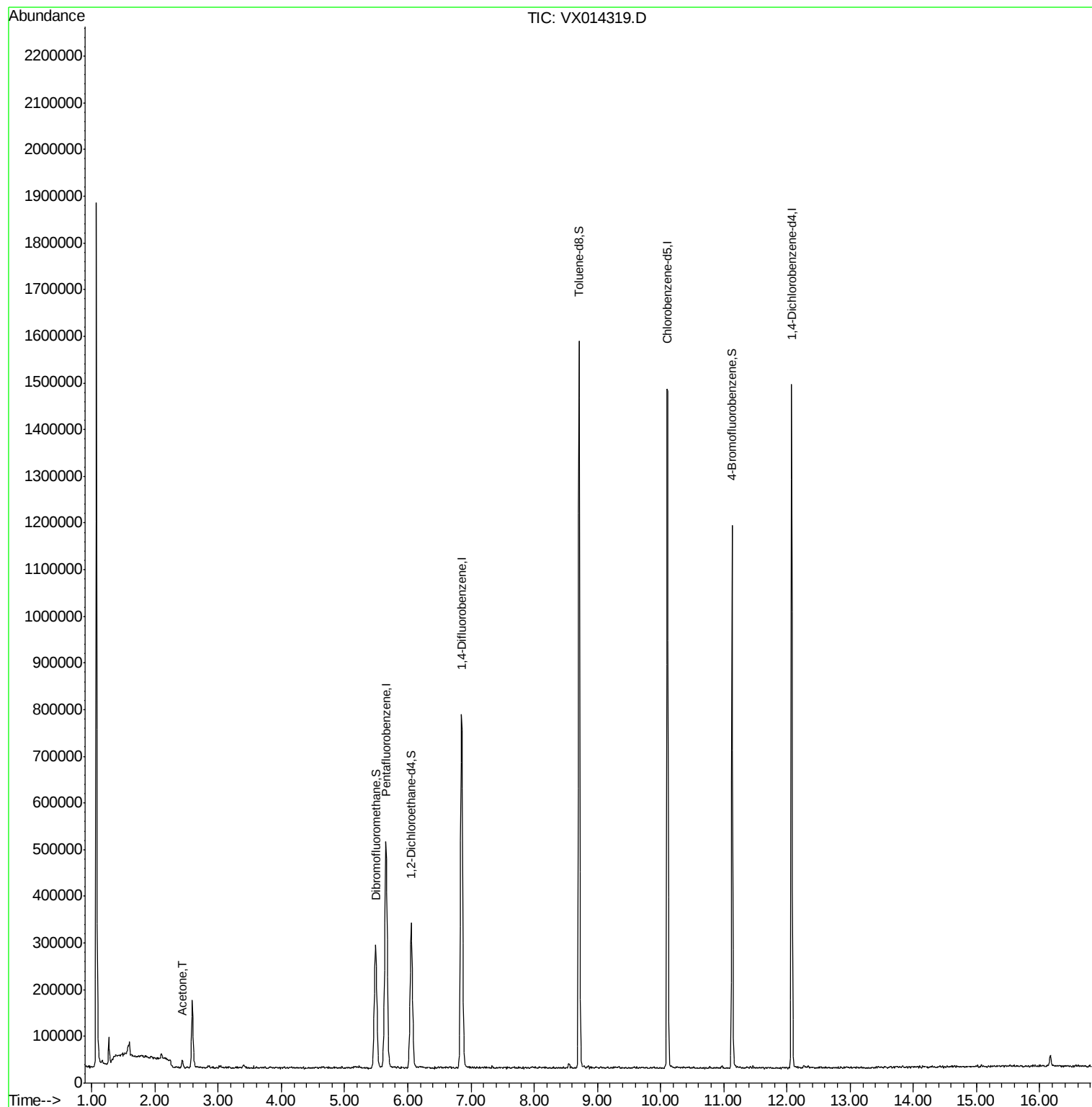
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	503430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	703283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	286250	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	5.49	113	233059	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	932133	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.13	95	313749	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
16) Acetone	2.43	43	16836	4.545	ug/l	Qvalue 100

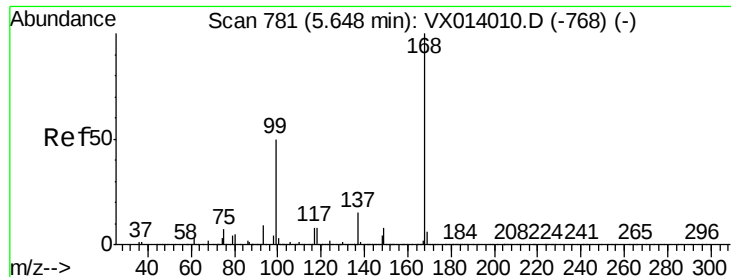
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014319.D

Acq: 27 Dec 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

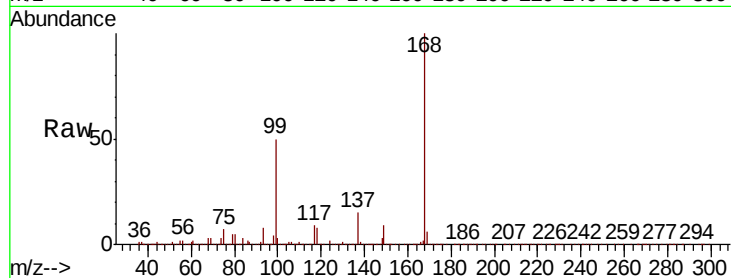
LW-05

Tot Ion:168 Resp: 503430

Ion Ratio Lower Upper

168 100

99 49.8 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

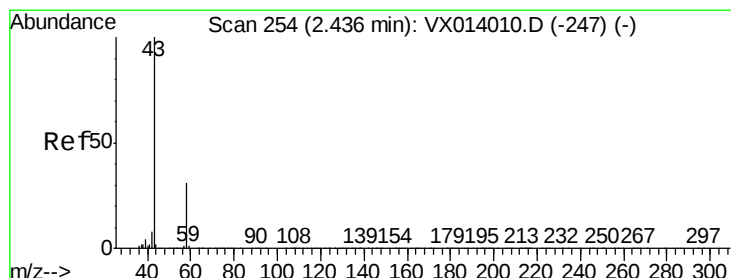
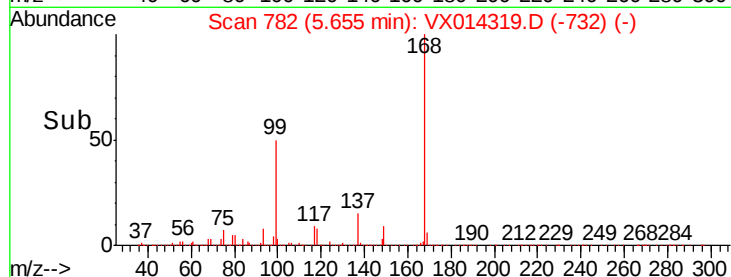
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.545 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014319.D

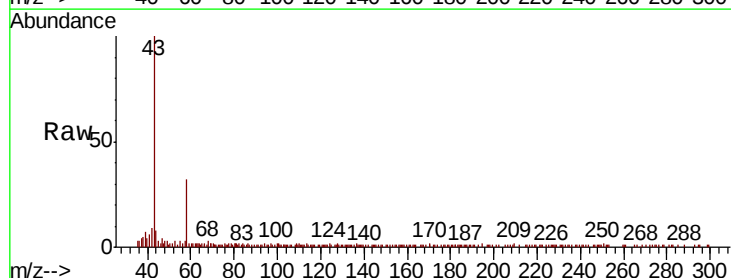
Acq: 27 Dec 2019 19:14

Tgt Ion: 43 Resp: 16836

Ion Ratio Lower Upper

43 100

58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

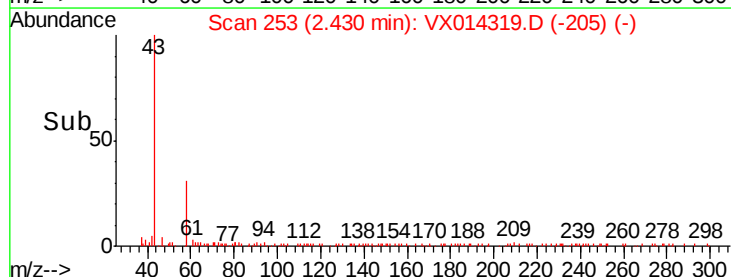
15000

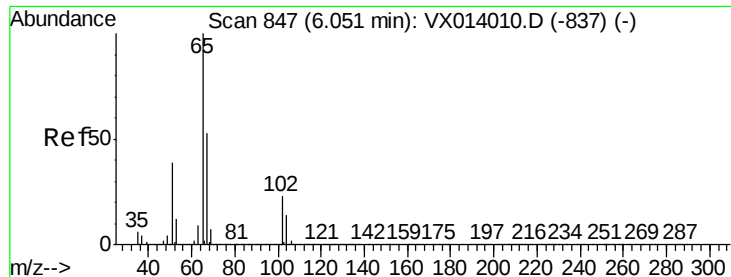
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.169 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014319.D

Acq: 27 Dec 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

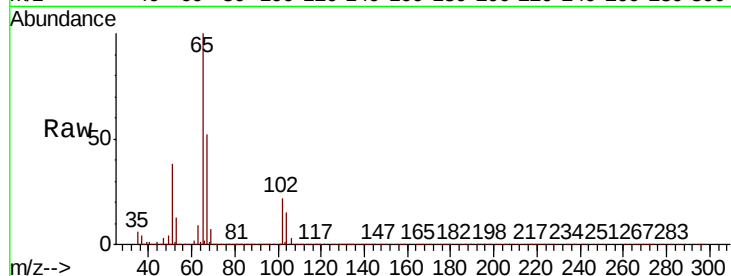
LW-05

Tot Ion: 65 Resp: 286250

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

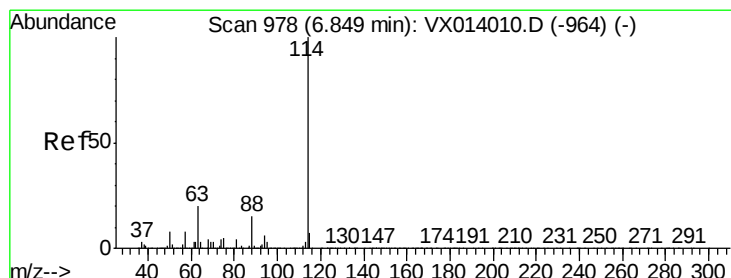
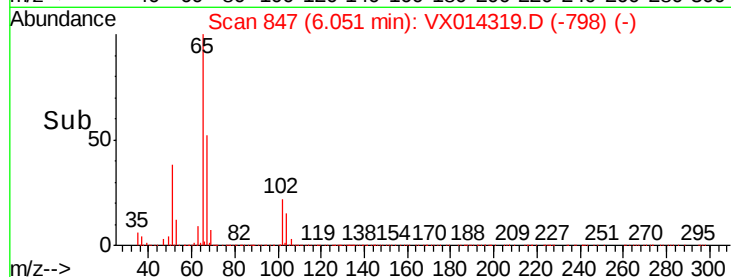
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014319.D

Acq: 27 Dec 2019 19:14

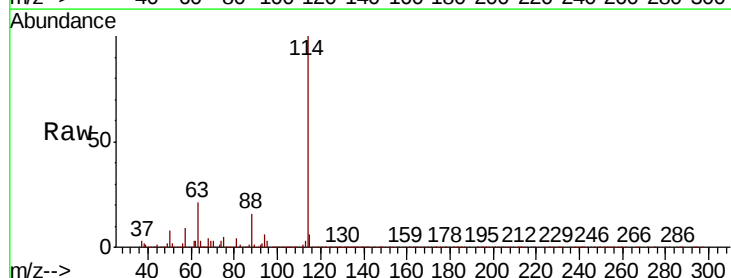
Tgt Ion: 114 Resp: 782291

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.6 0.0 30.4



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

6.85

400000

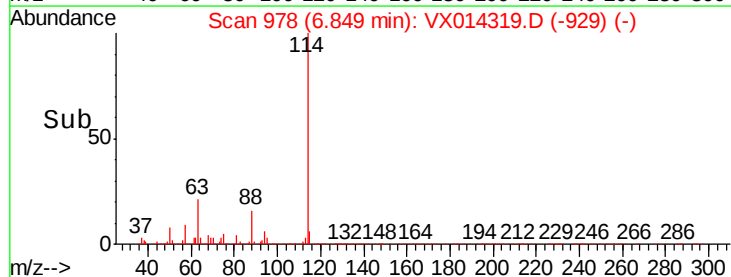
300000

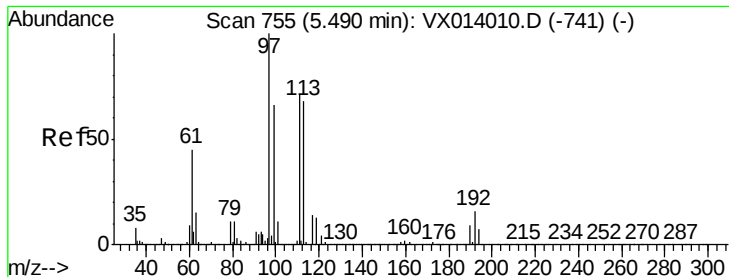
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

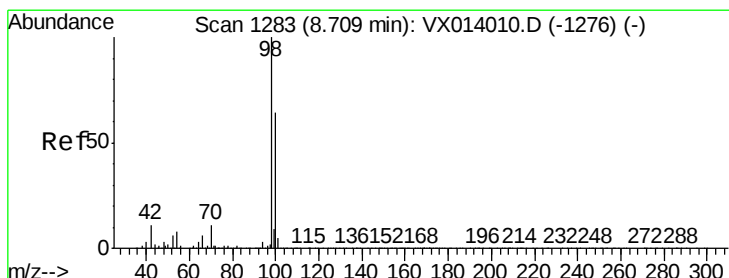
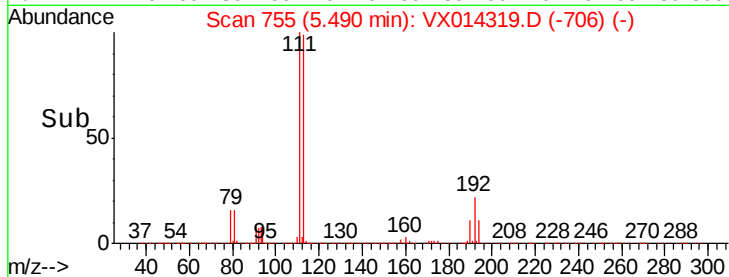
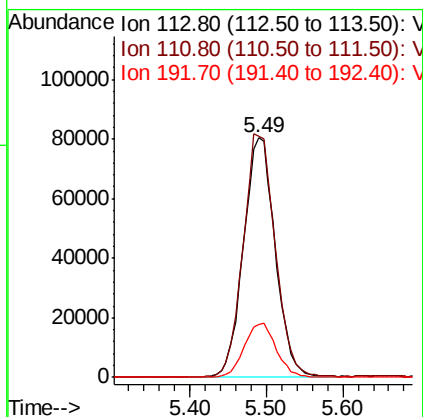
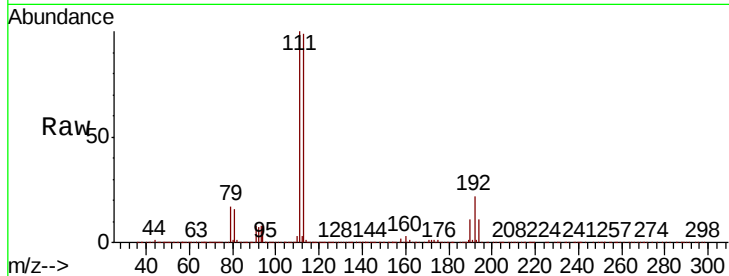




#35
 Dibromofluoromethane
 Concen: 49.009 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014319.D
 Acq: 27 Dec 2019 19:14

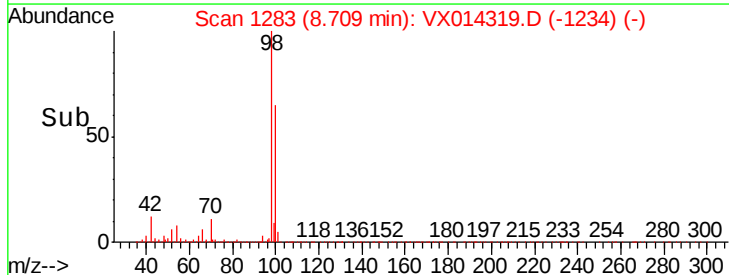
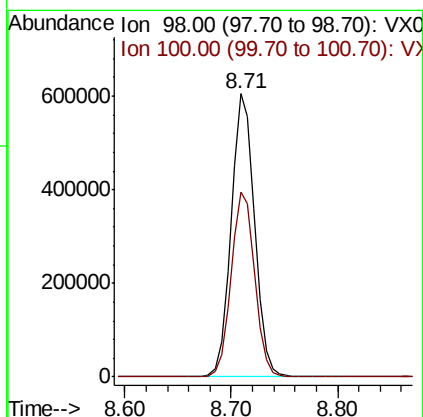
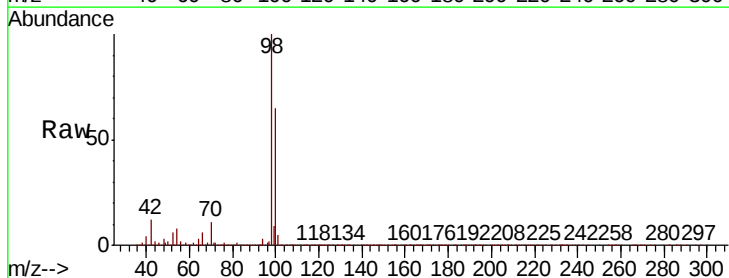
Instrument :
 MSVOA_X
 ClientSampleId :
 LW-05

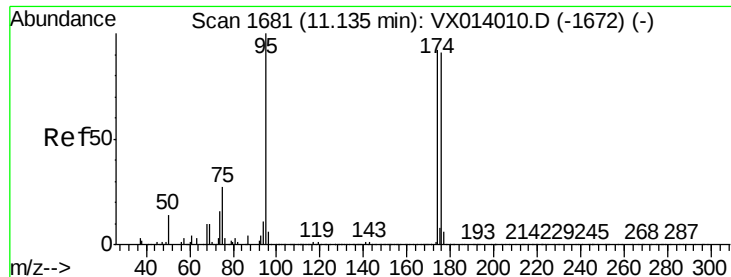
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	22.5	19.3	28.9



#50
 Toluene-d8
 Concen: 50.347 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014319.D
 Acq: 27 Dec 2019 19:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 46.359 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014319.D

Acq: 27 Dec 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

LW-05

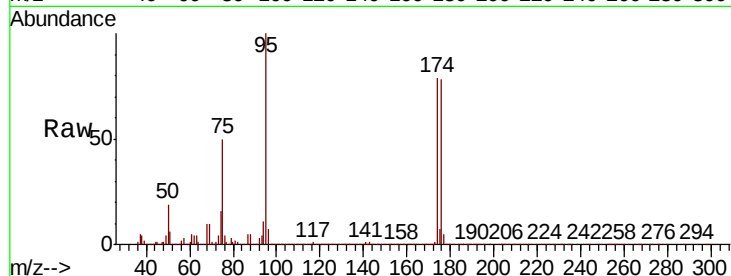
Tot Ion: 95 Resp: 313749

Ion Ratio Lower Upper

95 100

174 86.7 0.0 175.8

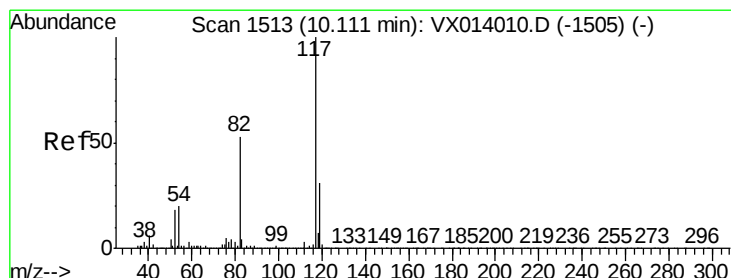
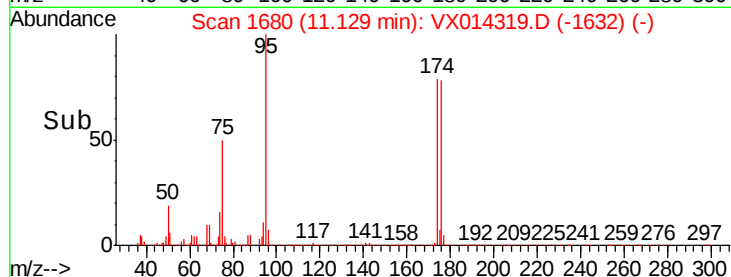
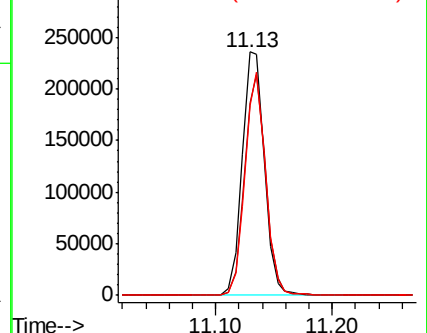
176 84.9 0.0 173.0



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: VX014319.D

Acq: 27 Dec 2019 19:14

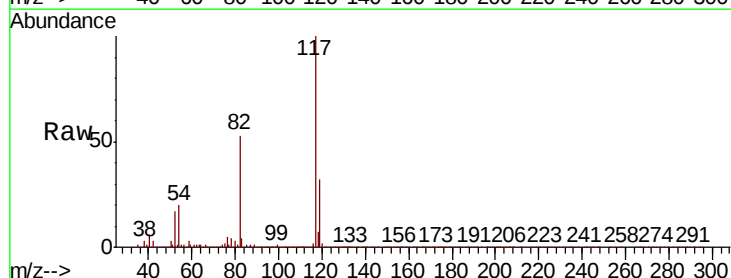
Tgt Ion: 117 Resp: 703283

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

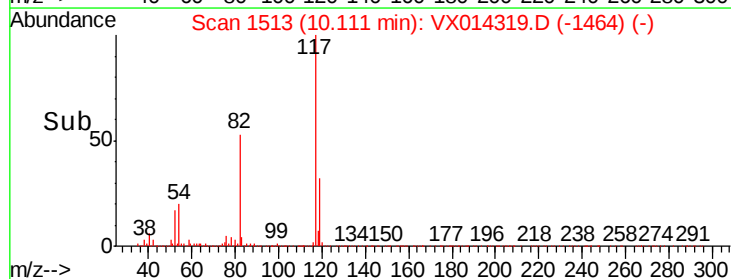
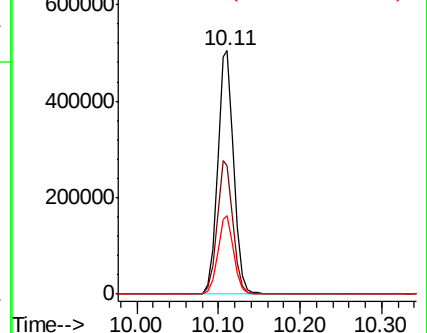
119 32.0 25.1 37.7

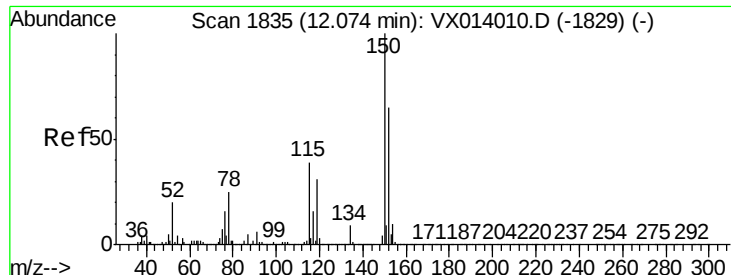


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX014319.D

Acq: 27 Dec 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

LW-05

Tot Ion:152 Resp: 309971

Ion Ratio Lower Upper

152 100

115 56.4 38.3 114.9

150 156.2 0.0 345.4

