

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010443.D
 Acq On : 25 Jun 2019 19:02
 Operator : JC/SP
 Sample : K3519-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW3

Quant Time: Jun 26 02:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	412701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	126526	50.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.02%	
35) Dibromofluoromethane	5.50	113	125559	49.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	484822	50.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	161093	46.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.38%	

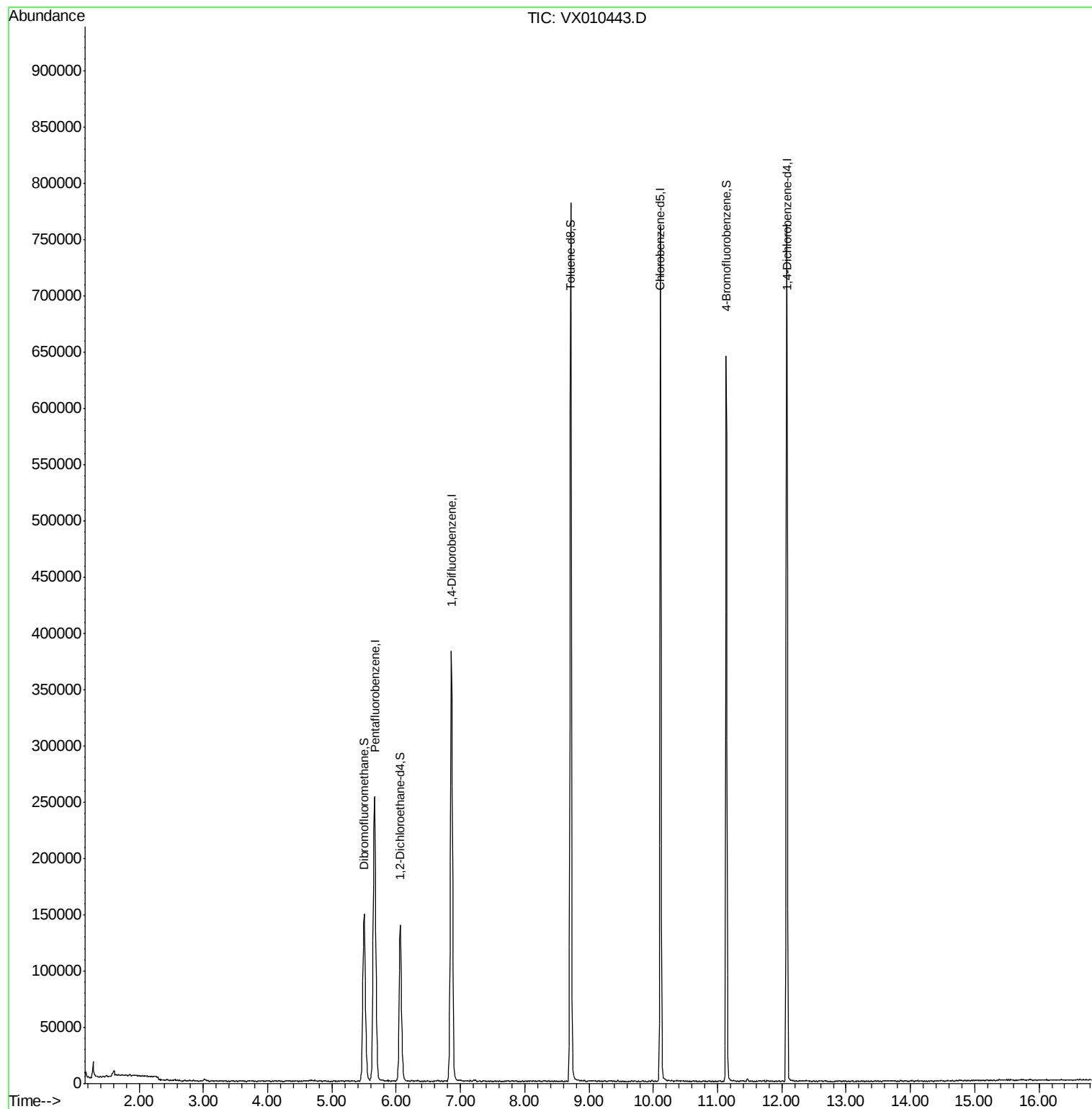
Target Compounds	Qvalue
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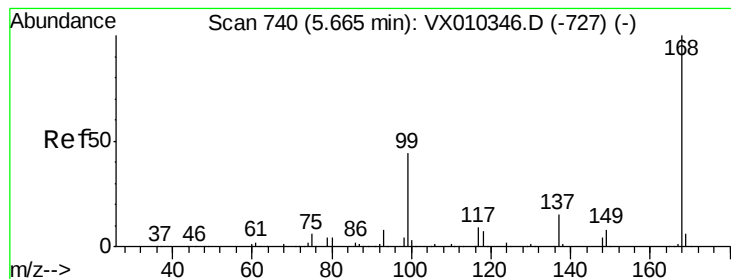
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010443.D

Acq: 25 Jun 2019 19:02

Instrument :

MSVOA_X

ClientSampleId :

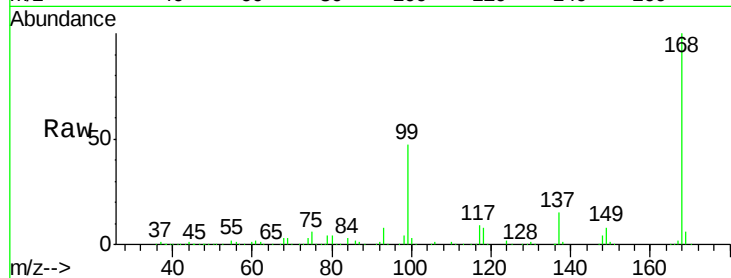
SP-19-LF2MW3

Tot Ion:168 Resp: 267180

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

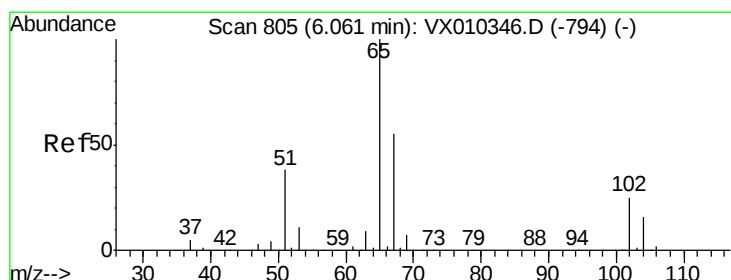
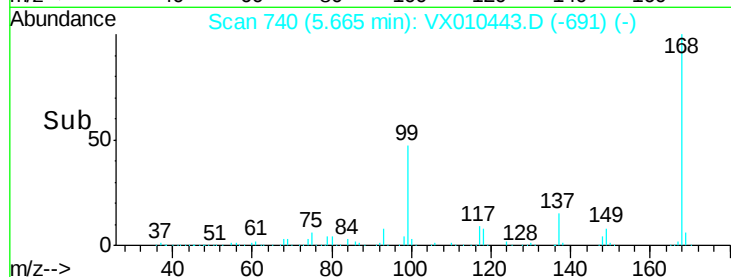
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.508 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010443.D

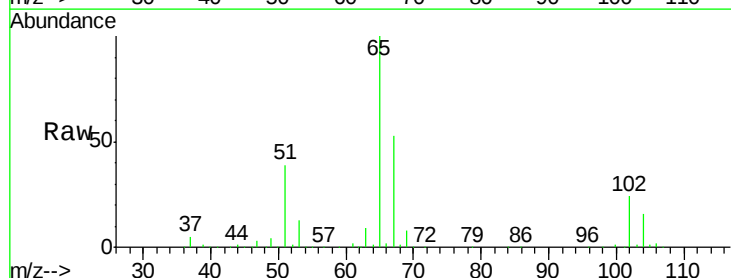
Acq: 25 Jun 2019 19:02

Tgt Ion: 65 Resp: 126526

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

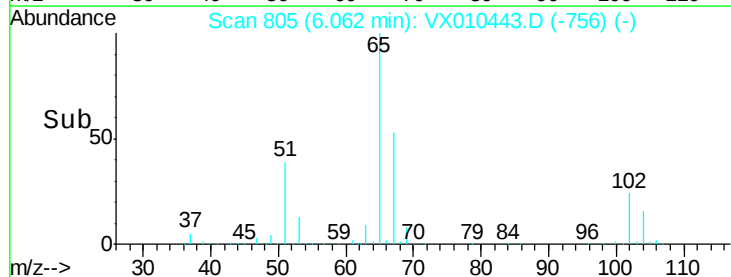
30000

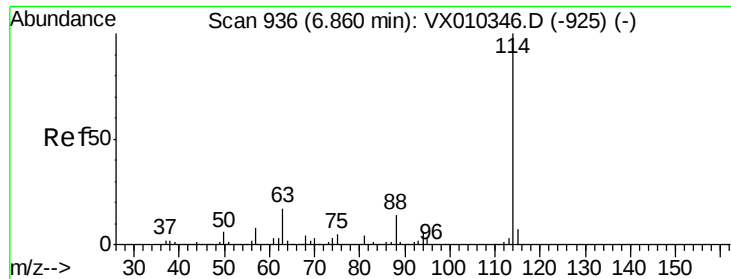
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010443.D

Acq: 25 Jun 2019 19:02

Instrument :

MSVOA_X

ClientSampleId :

SP-19-LF2MW3

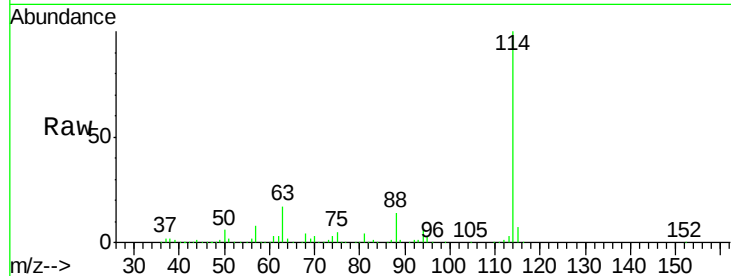
Tot Ion:114 Resp: 412701

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

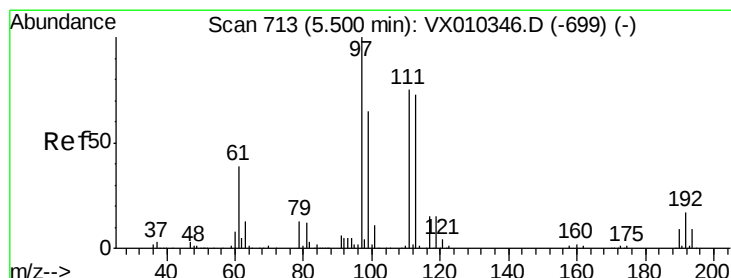
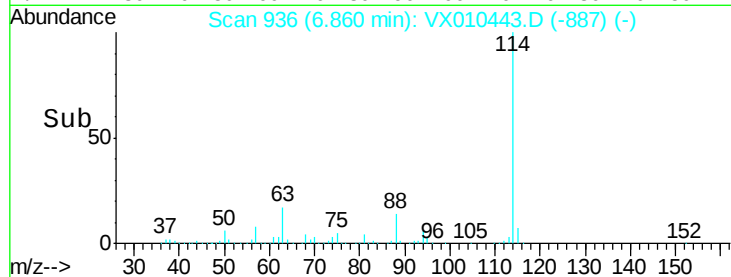
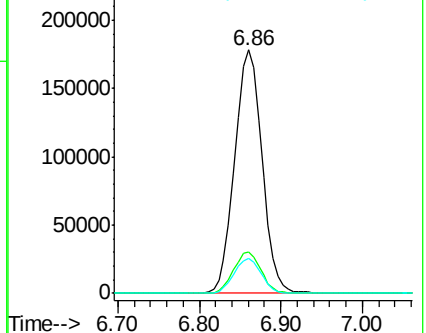
88 14.2 0.0 27.6



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: 49.725 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010443.D

Acq: 25 Jun 2019 19:02

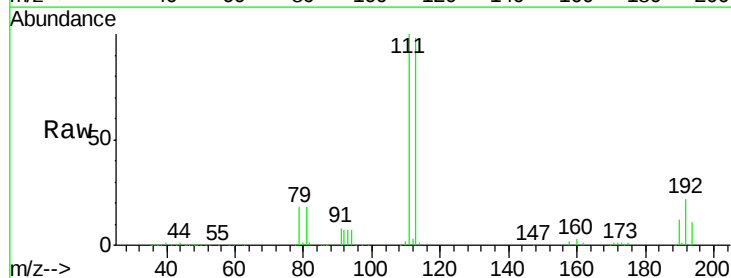
Tgt Ion:113 Resp: 125559

Ion Ratio Lower Upper

113 100

111 99.9 81.2 121.8

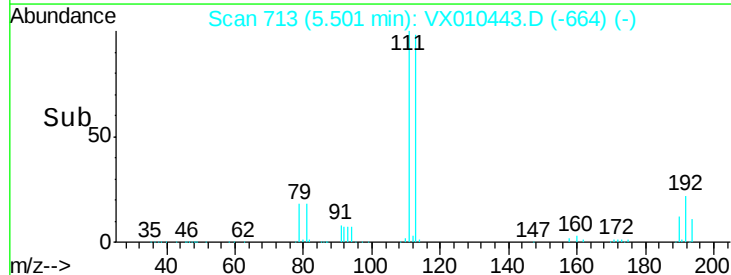
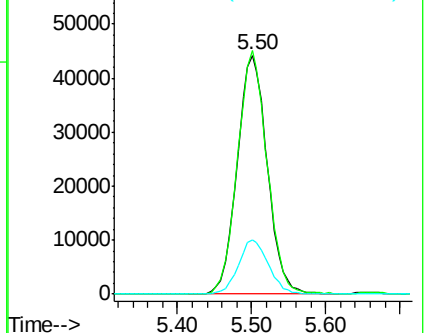
192 22.6 18.6 27.8

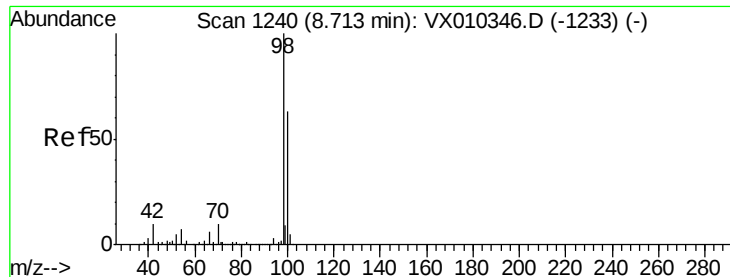


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.187 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010443.D

Acq: 25 Jun 2019 19:02

Instrument :

MSVOA_X

ClientSampleId :

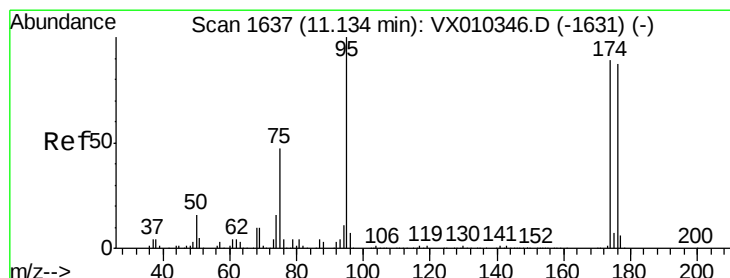
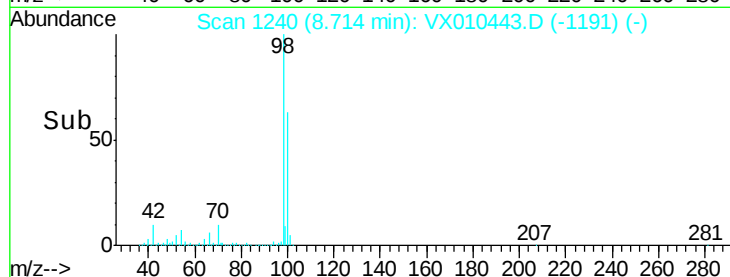
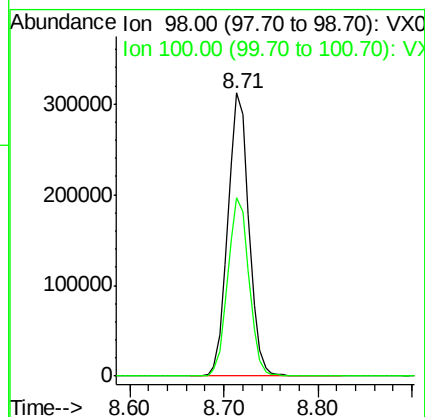
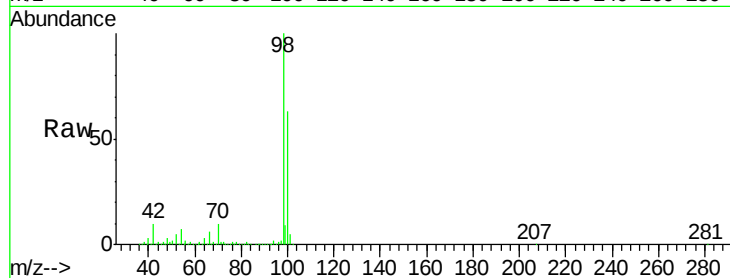
SP-19-LF2MW3

Tot Ion: 98 Resp: 484822

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.189 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010443.D

Acq: 25 Jun 2019 19:02

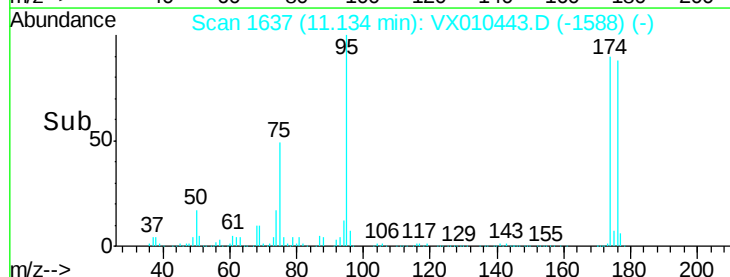
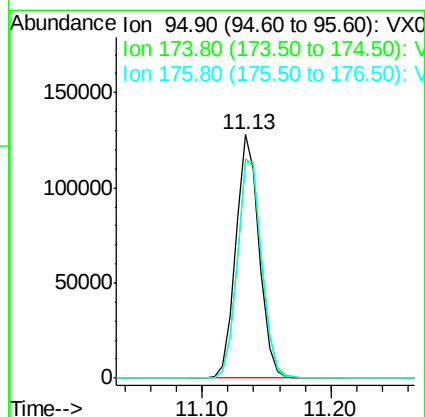
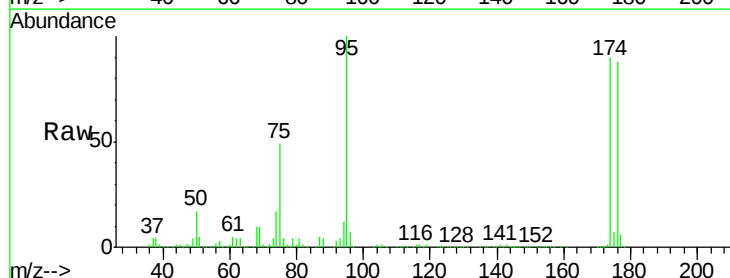
Tgt Ion: 95 Resp: 161093

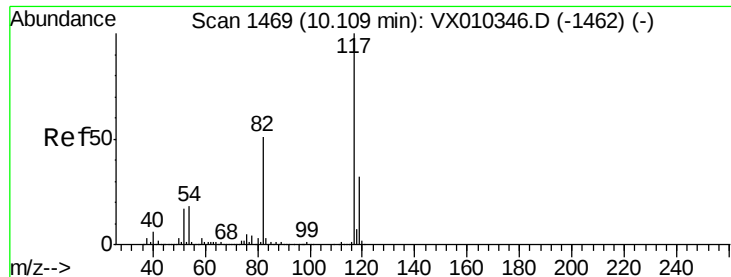
Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.6

176 94.2 0.0 184.0

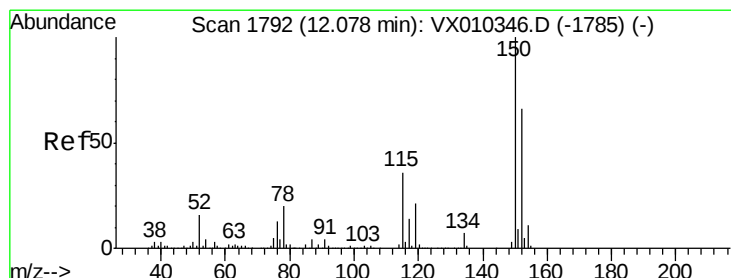
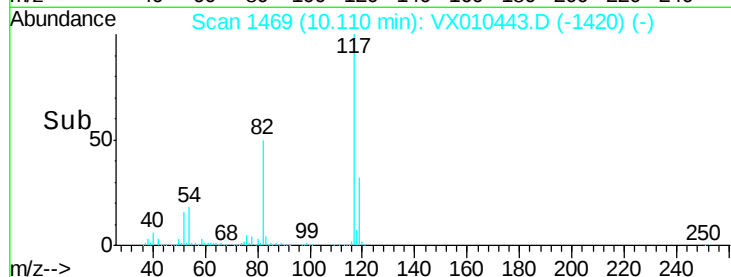
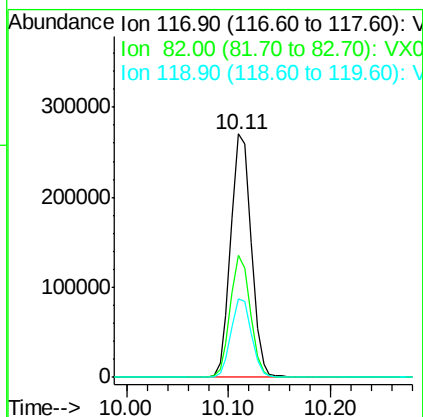
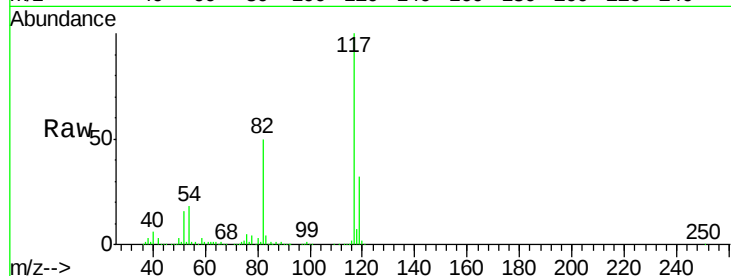




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010443.D
Acq: 25 Jun 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2MW3

Tot Ion:117 Resp: 374674
Ion Ratio Lower Upper
117 100
82 50.1 41.2 61.8
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010443.D
Acq: 25 Jun 2019 19:02

Tgt Ion:152 Resp: 170712
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 156.4 0.0 347.4

