

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009319.D
 Acq On : 03 May 2019 19:00
 Operator : JC/SP
 Sample : K2662-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB04-190430

Quant Time: May 04 01:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	266471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127694	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.50	113	95527	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.71	98	384220	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.13	95	121953	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	

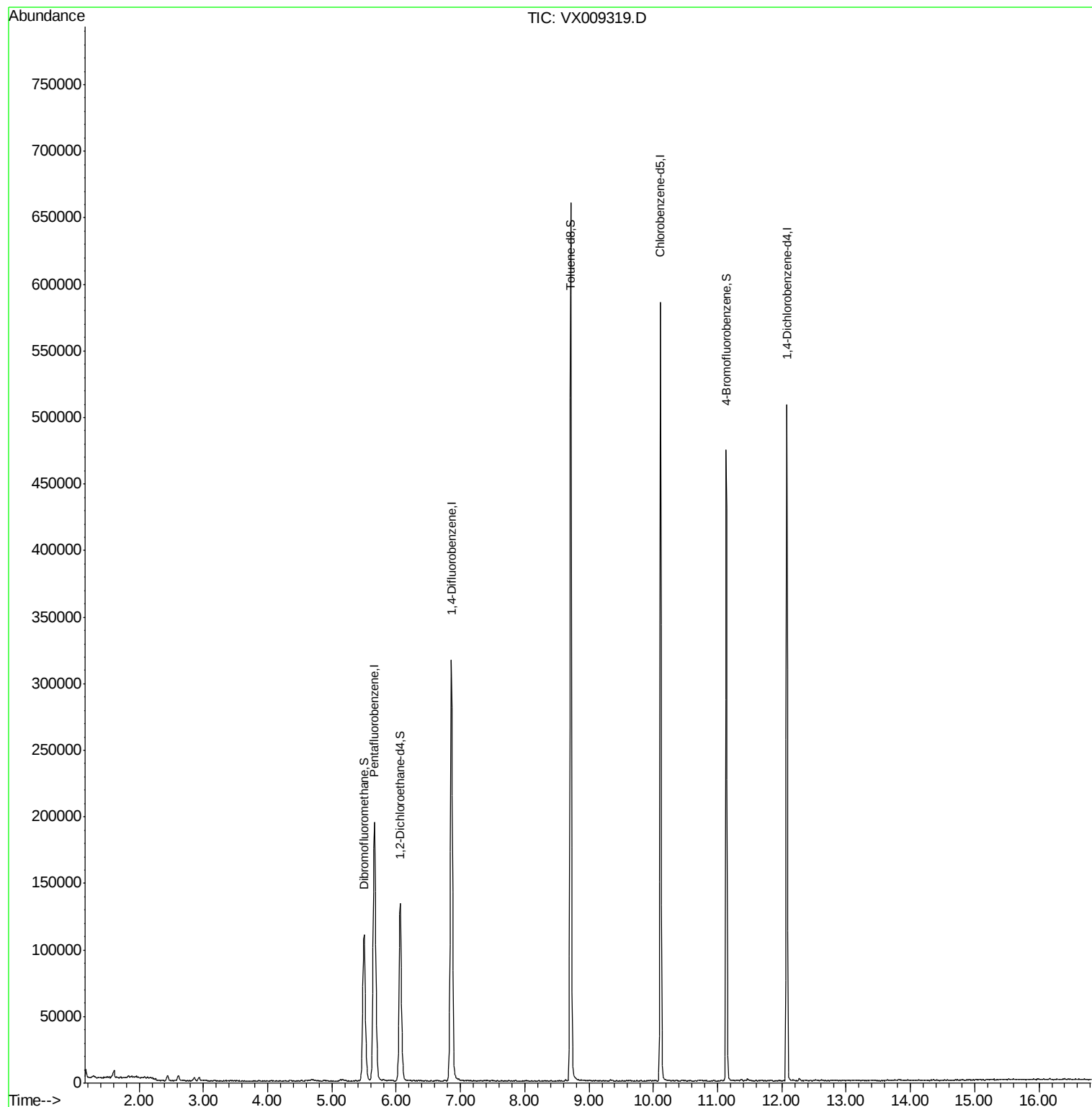
Target Compounds	Qvalue
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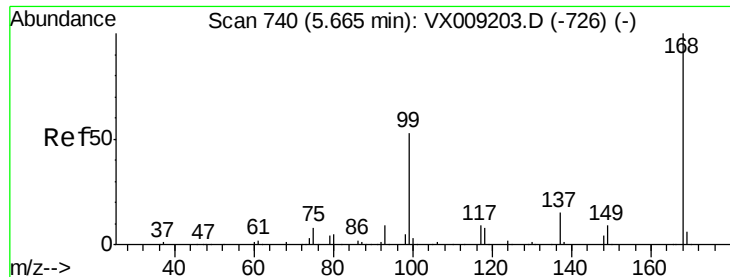
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 30 07:03:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009319.D

Acq: 03 May 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

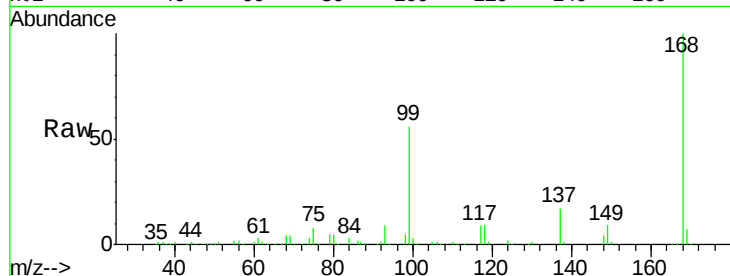
Z5-TB04-190430

Tot Ion:168 Resp: 193147

Ion Ratio Lower Upper

168 100

99 55.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

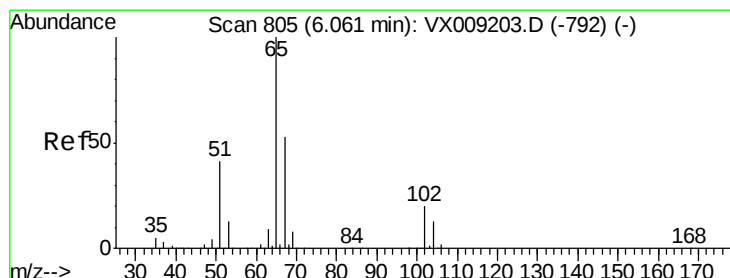
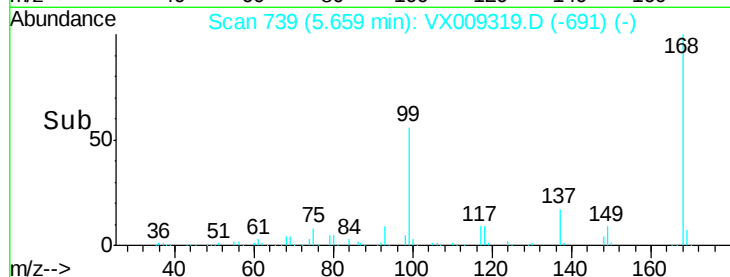
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.430 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009319.D

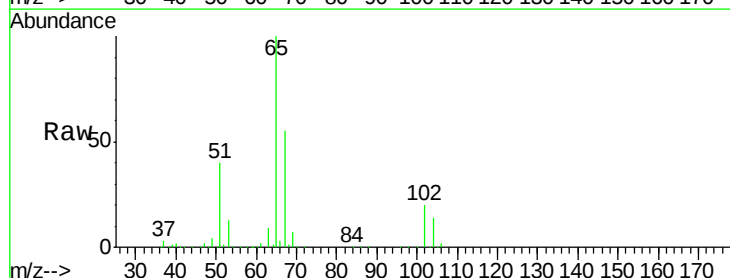
Acq: 03 May 2019 19:00

Tgt Ion: 65 Resp: 127694

Ion Ratio Lower Upper

65 100

67 54.7 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

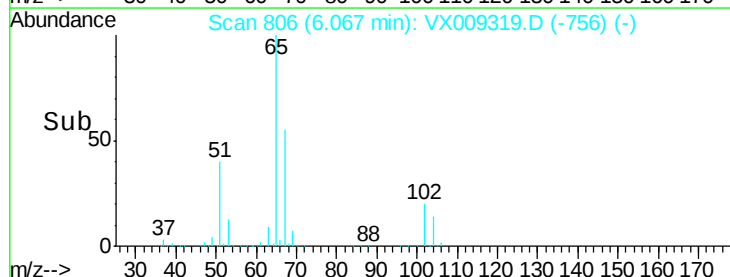
30000

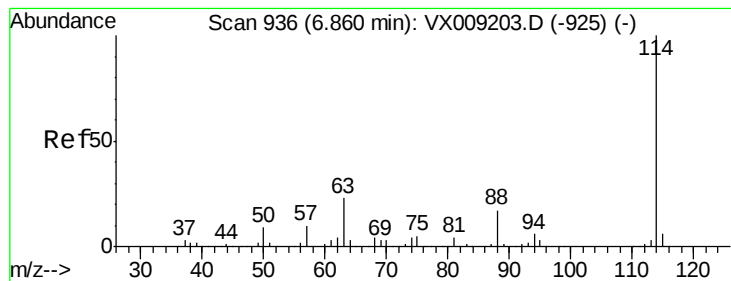
20000

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: VX009319.D

Acq: 03 May 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB04-190430

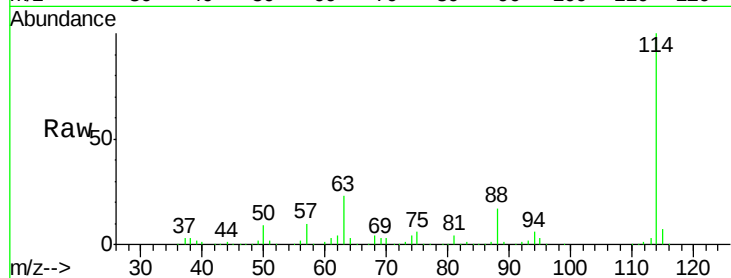
Tot Ion:114 Resp: 308579

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

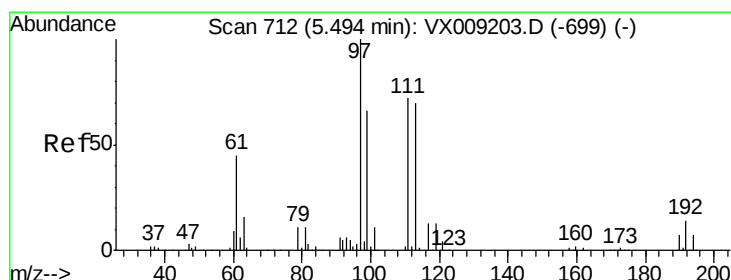
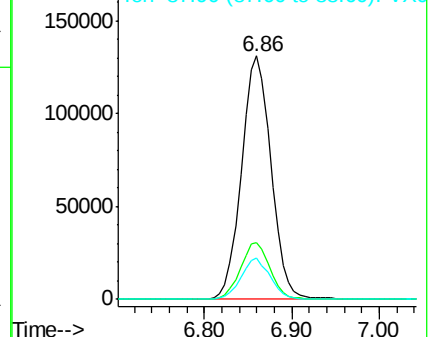
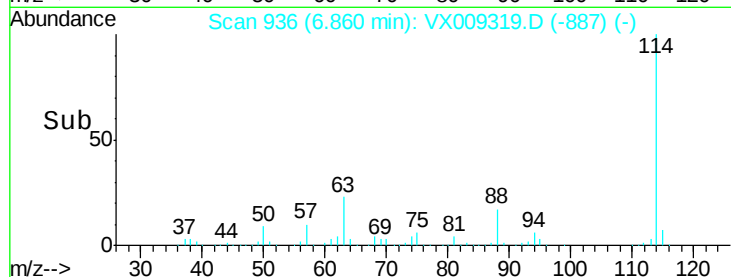
88 16.9 0.0 33.2



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: 49.245 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009319.D

Acq: 03 May 2019 19:00

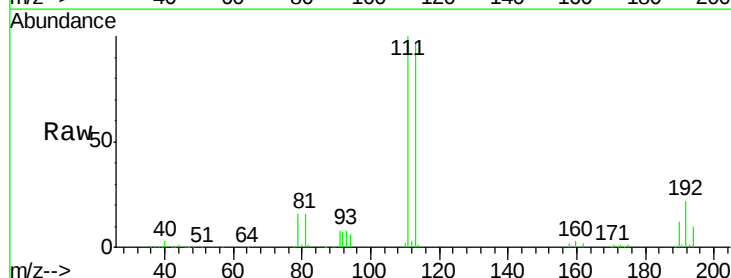
Tgt Ion:113 Resp: 95527

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

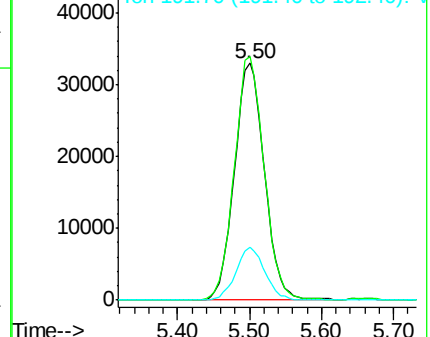
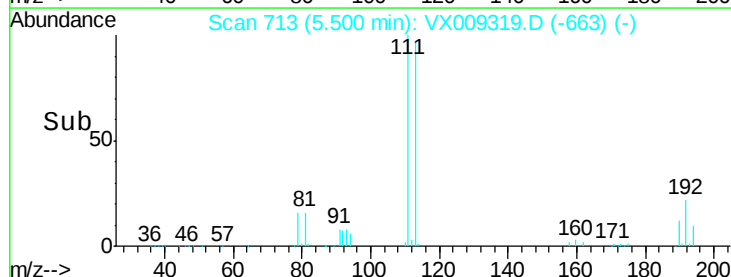
192 21.5 17.0 25.6

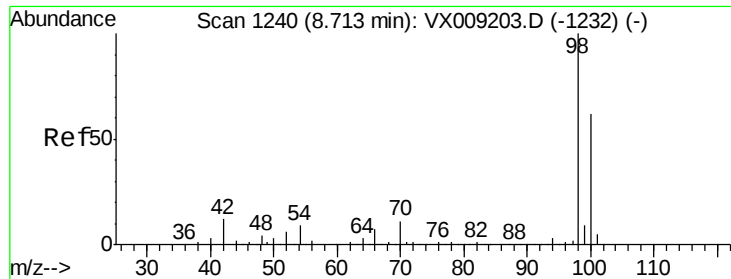


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.060 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009319.D

Acq: 03 May 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

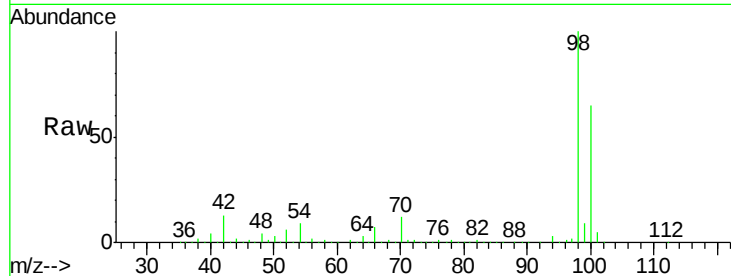
Z5-TB04-190430

Tot Ion: 98 Resp: 384220

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

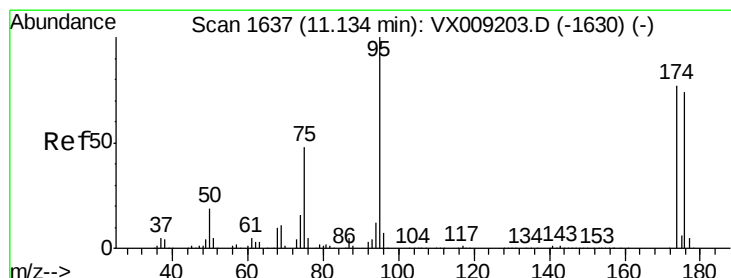
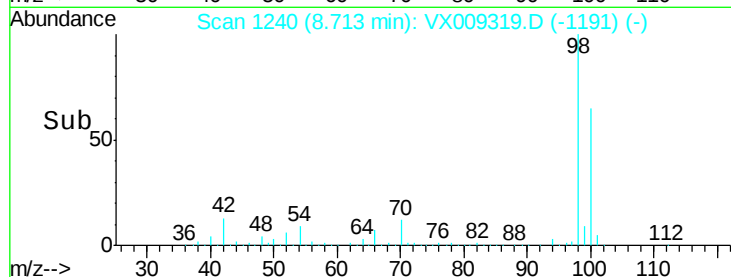
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 42.855 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009319.D

Acq: 03 May 2019 19:00

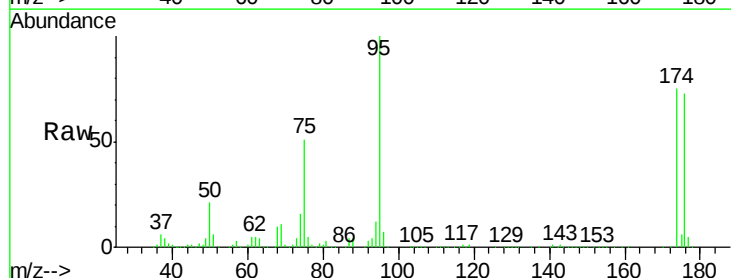
Tgt Ion: 95 Resp: 121953

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

176 79.4 0.0 159.2



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

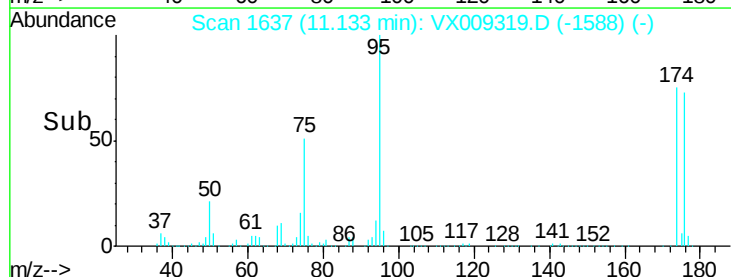
100000

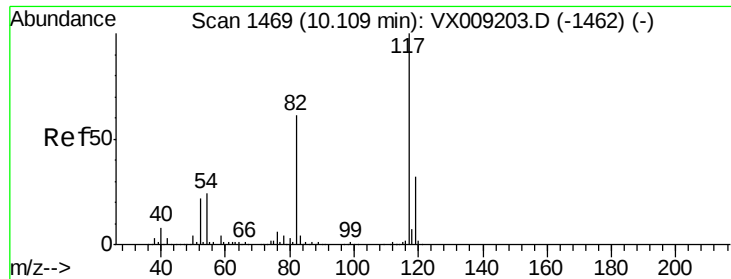
50000

0

11.10 11.20

Time-->

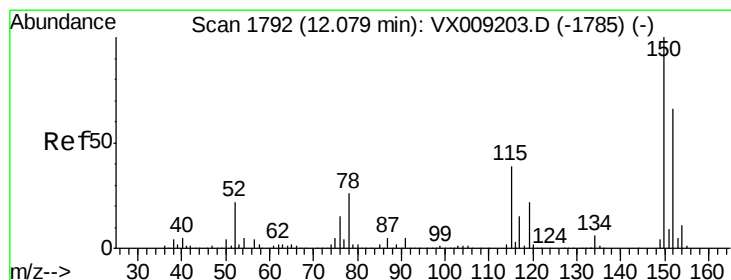
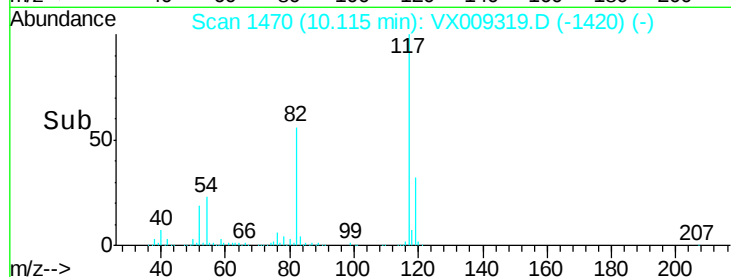
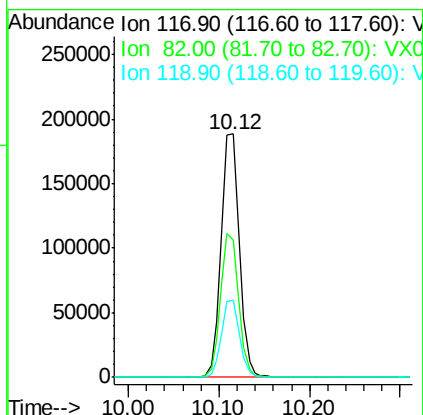
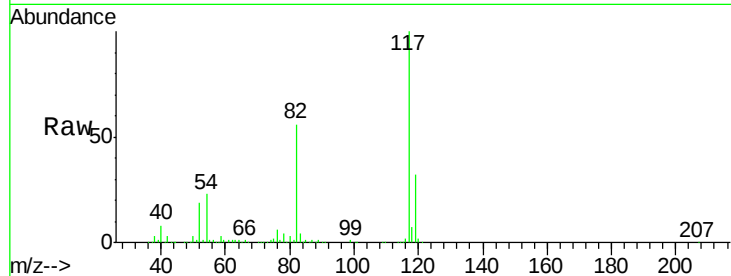




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009319.D
Acq: 03 May 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB04-190430

Tot Ion:117 Resp: 266471
Ion Ratio Lower Upper
117 100
82 56.4 48.8 73.2
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009319.D
Acq: 03 May 2019 19:00

Tgt Ion:152 Resp: 104967
Ion Ratio Lower Upper
152 100
115 59.1 41.2 123.6
150 156.5 0.0 346.4

