

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009876.D
 Acq On : 24 May 2019 10:25
 Operator : JC/SP
 Sample : VX0524WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBL01

Quant Time: May 25 00:33:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	160269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95186	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	118612	54.21	ug/l	0.00
Spiked Amount			Recovery	=	108.42%	
35) Dibromofluoromethane	5.49	113	85662	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
50) Toluene-d8	8.71	98	349684	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	11.13	95	114690	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	

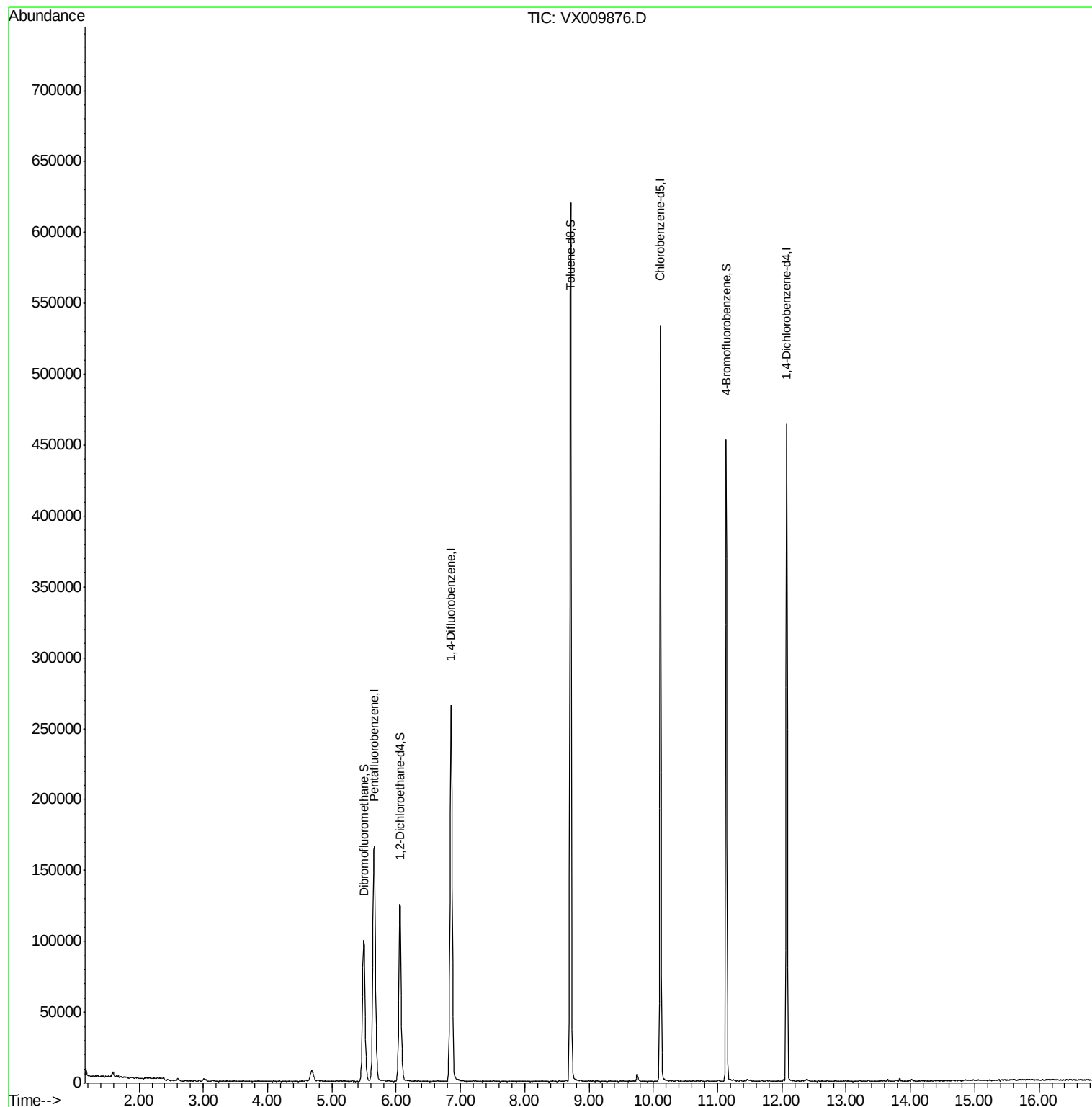
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009876.D

Acq: 24 May 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

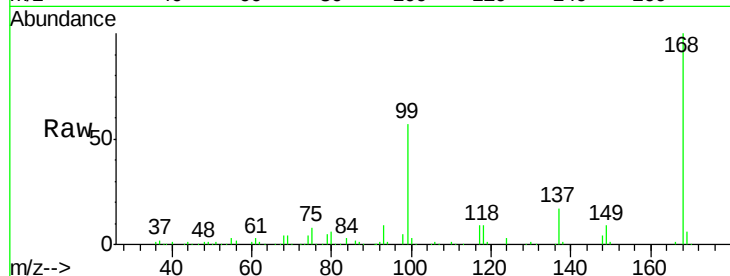
VX0524WBL01

Tot Ion:168 Resp: 160269

Ion Ratio Lower Upper

168 100

99 56.7 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

50000

40000

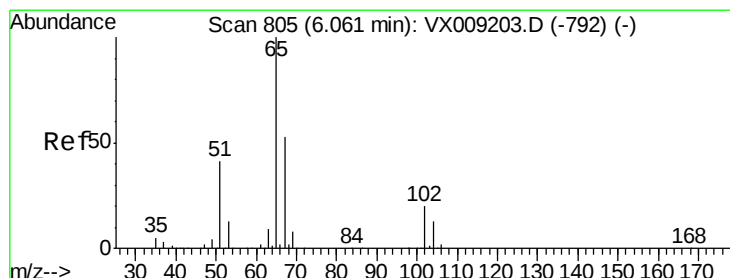
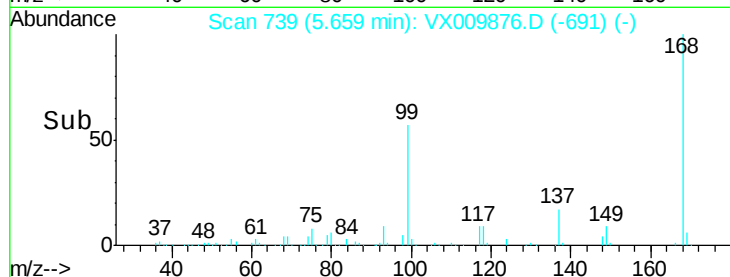
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.214 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009876.D

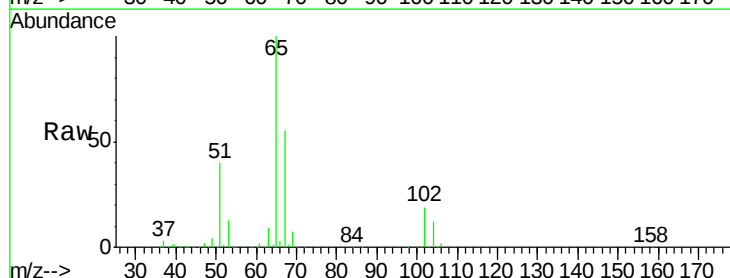
Acq: 24 May 2019 10:25

Tgt Ion: 65 Resp: 118612

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

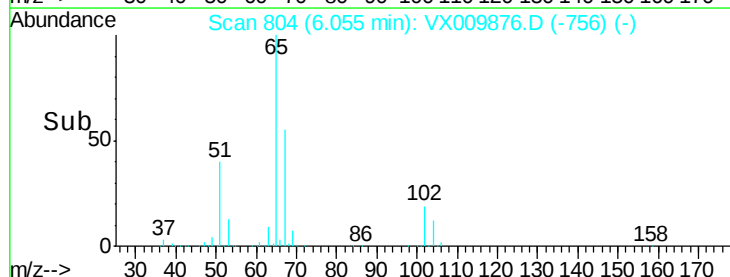
30000

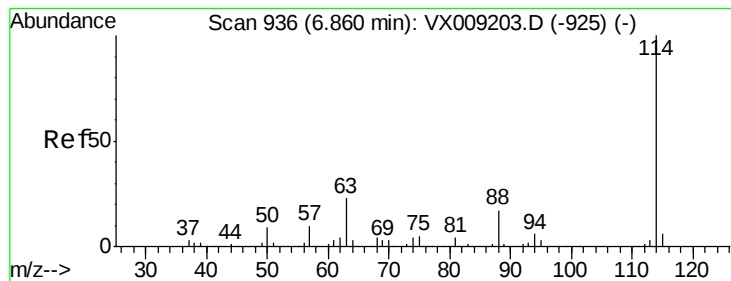
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009876.D

Acq: 24 May 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBL01

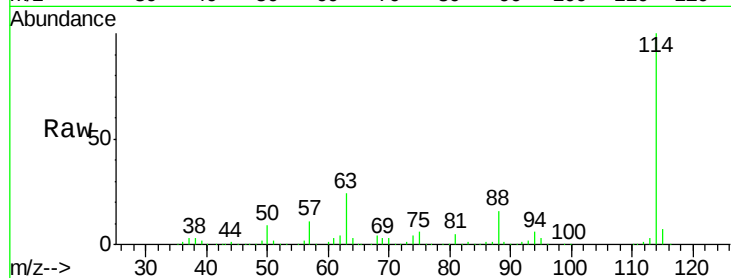
Tot Ion:114 Resp: 256880

Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.6

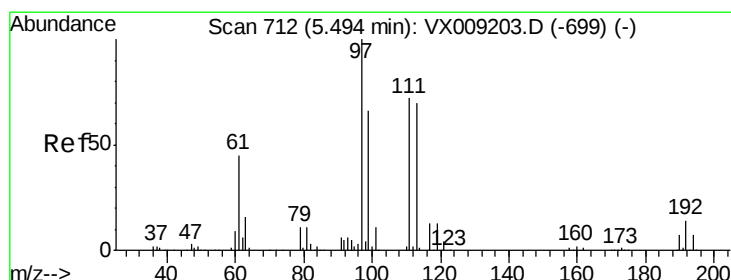
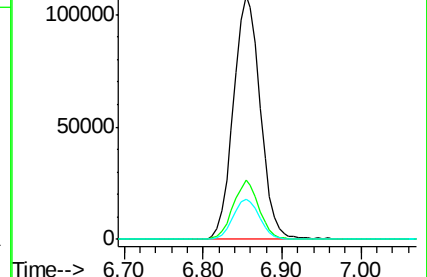
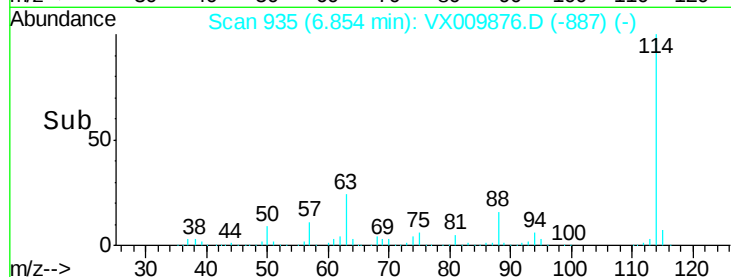
88 16.4 0.0 33.2



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: 53.046 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009876.D

Acq: 24 May 2019 10:25

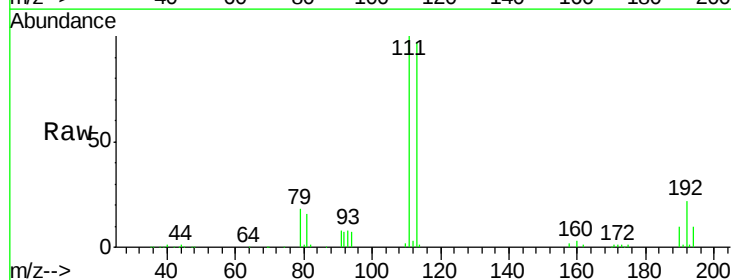
Tgt Ion:113 Resp: 85662

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

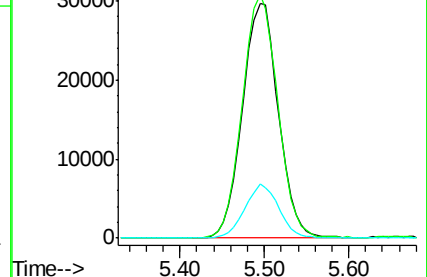
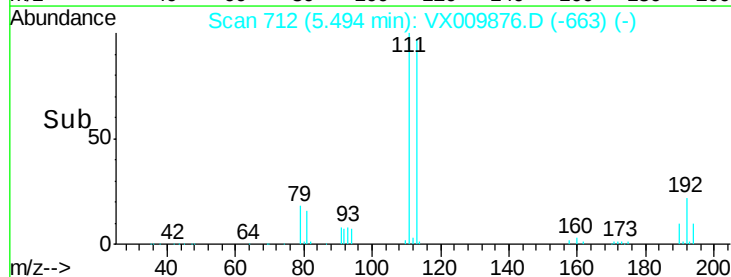
192 21.6 17.0 25.6

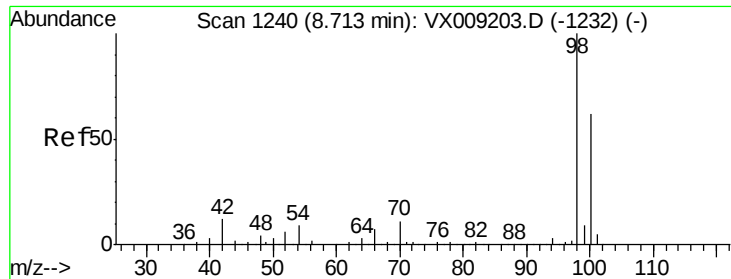


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.636 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009876.D

Acq: 24 May 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

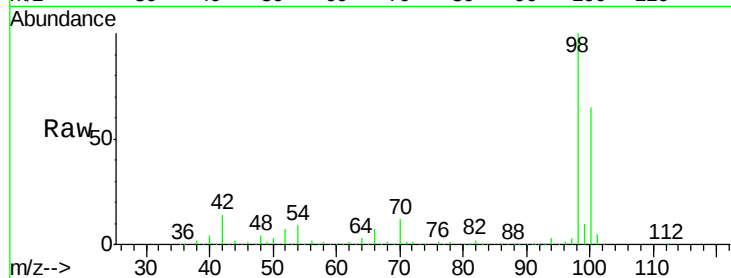
VX0524WBL01

Tot Ion: 98 Resp: 349684

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

150000

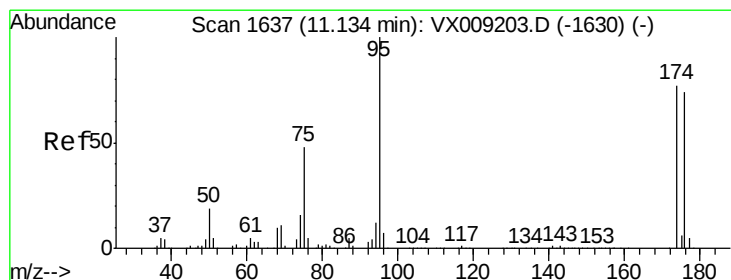
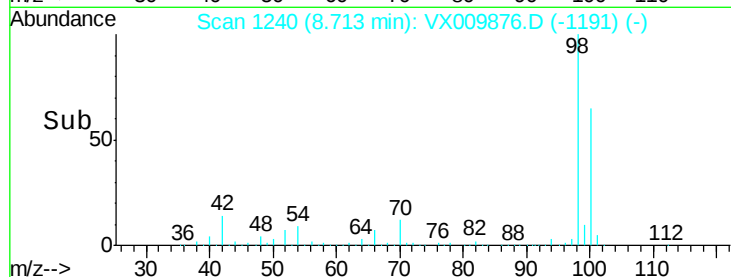
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009876.D

Acq: 24 May 2019 10:25

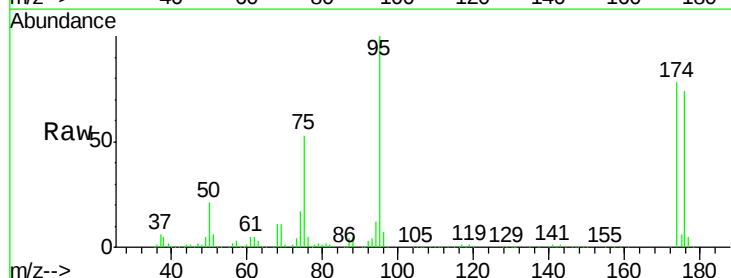
Tgt Ion: 95 Resp: 114690

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

176 77.6 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

11.13

120000

100000

80000

60000

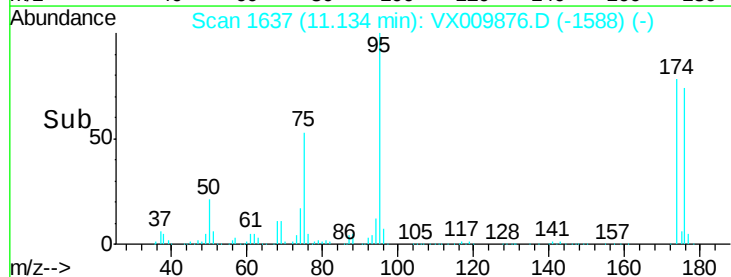
40000

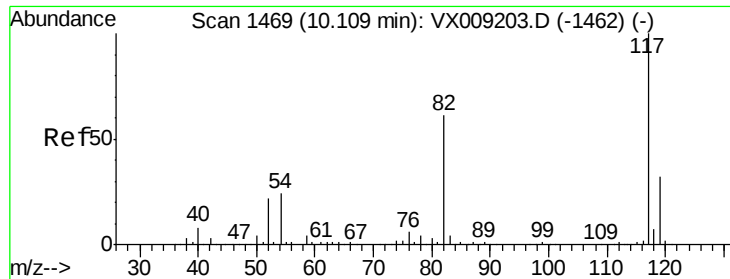
20000

0

11.10 11.20

Time-->

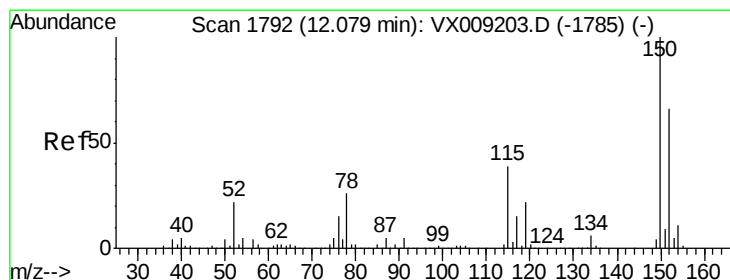
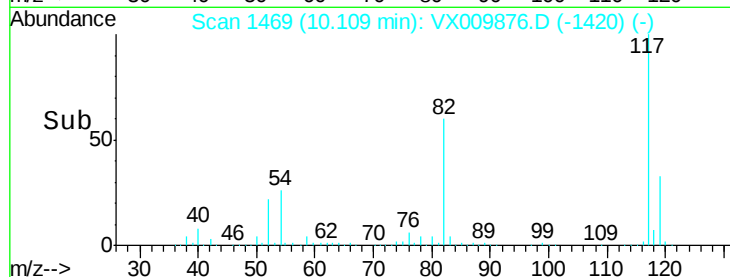
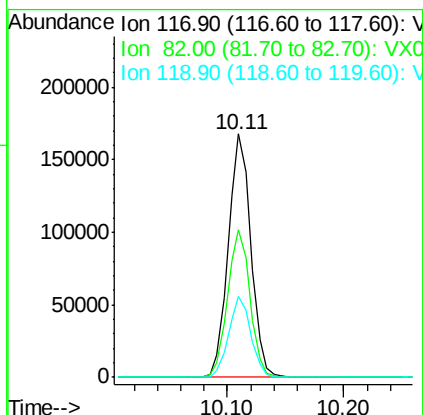
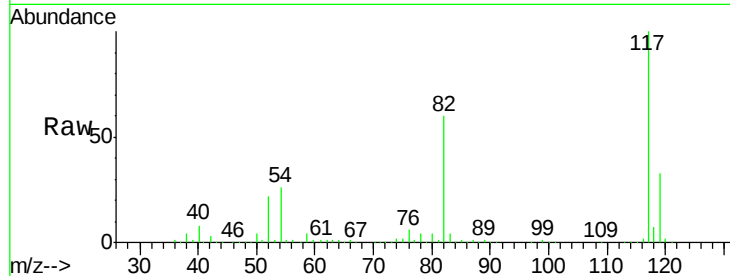




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009876.D
Acq: 24 May 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

Tot Ion:117 Resp: 226324
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX009876.D
Acq: 24 May 2019 10:25

Tgt Ion:152 Resp: 95186
Ion Ratio Lower Upper
152 100
115 58.0 41.2 123.6
150 156.1 0.0 346.4

