

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009596.D
 Acq On : 16 May 2019 10:53
 Operator : JC/SP
 Sample : VX0516WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

Quant Time: May 17 06:44:46 2019
 Quant Method : Z:\V0ASRV\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	5.67	168	186161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	113277	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123679	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.50	113	91662	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	8.71	98	371927	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	122781	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	

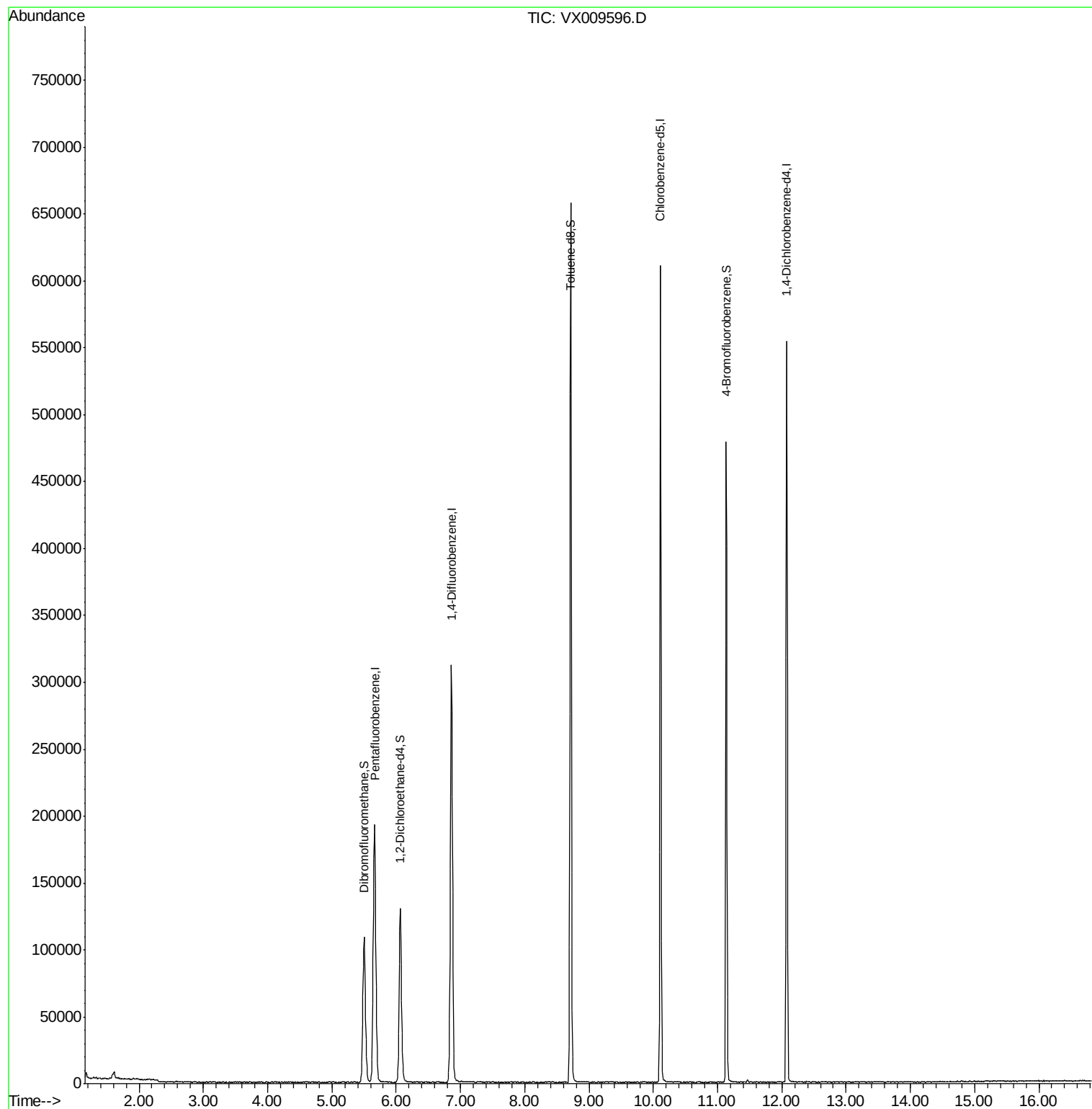
Target Compounds	Qvalue
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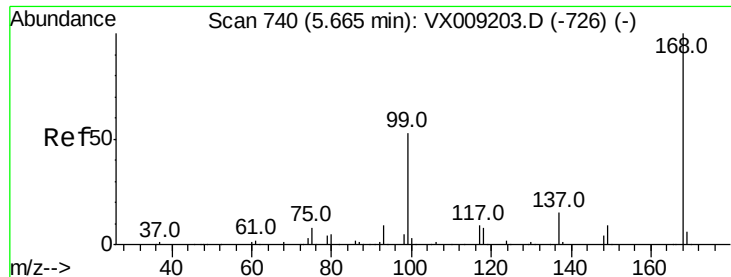
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
VX0516WBL01

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
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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: VX009596.D

Acq: 16 May 2019 10:53

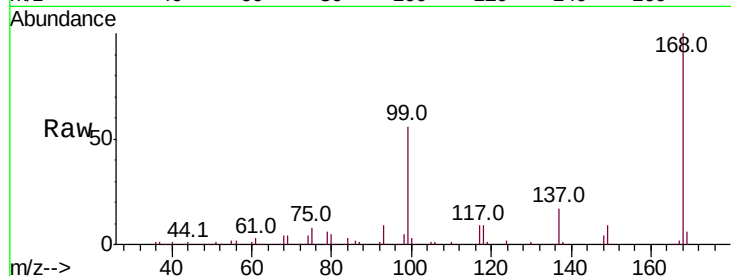
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

Tot Ion:168 Resp: 186161

Ion Ratio Lower Upper

168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

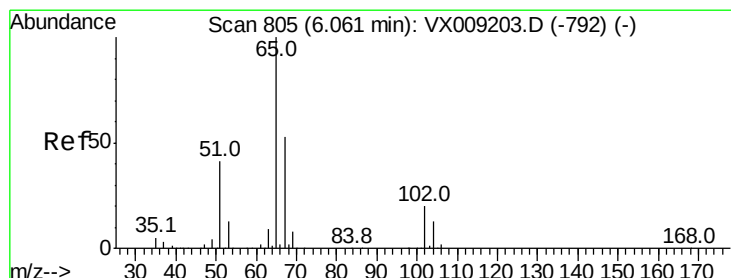
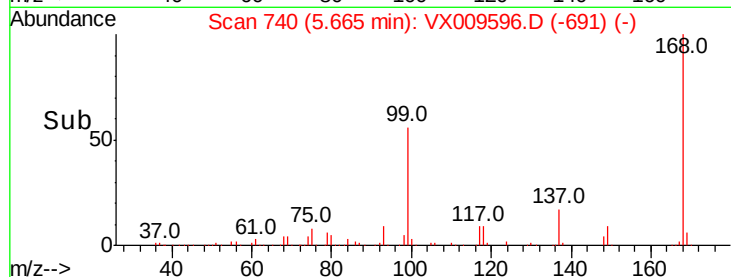
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.667 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009596.D

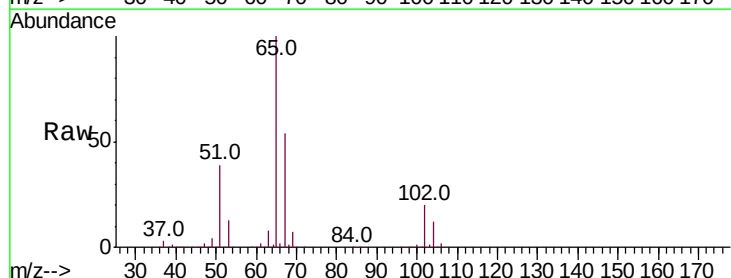
Acq: 16 May 2019 10:53

Tgt Ion: 65 Resp: 123679

Ion Ratio Lower Upper

65 100

67 53.6 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

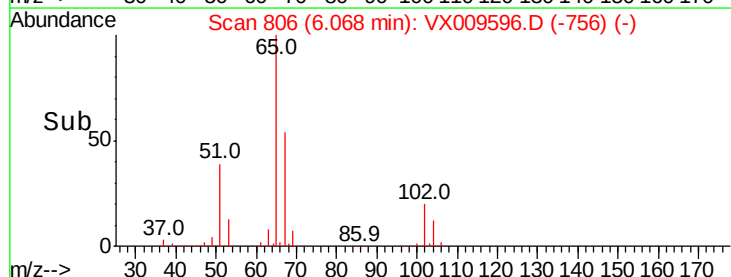
30000

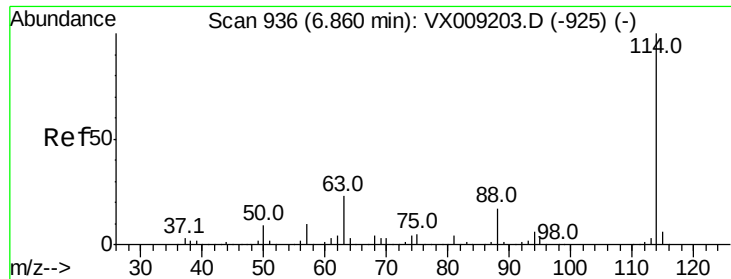
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

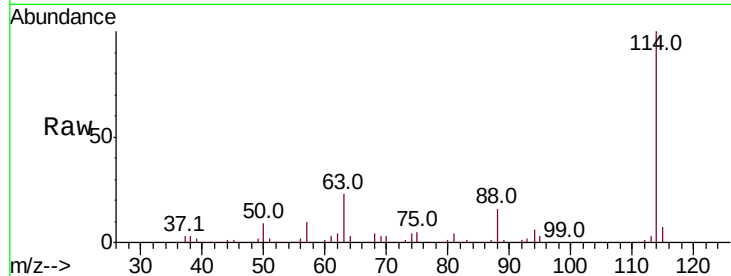




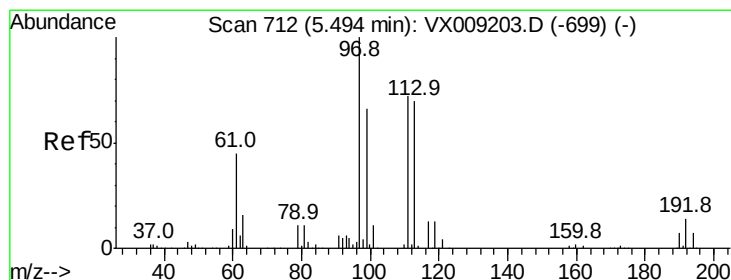
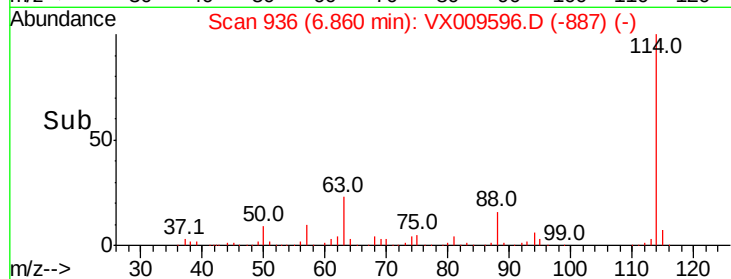
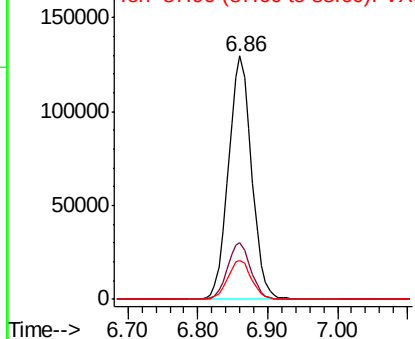
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009596.D
 Acq: 16 May 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.6
88	16.0	0.0	33.2

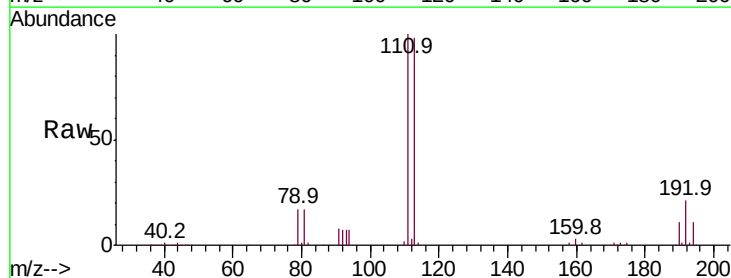


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

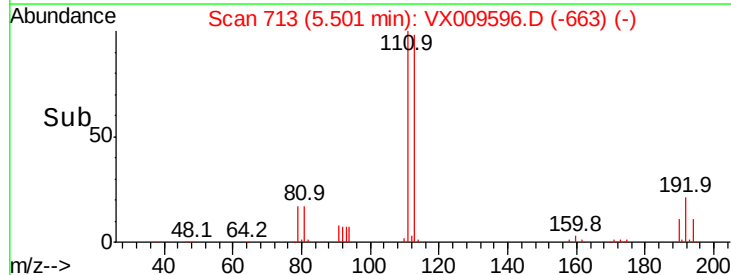
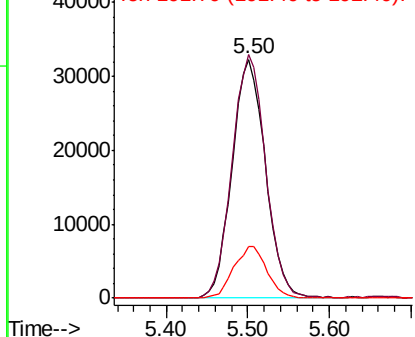


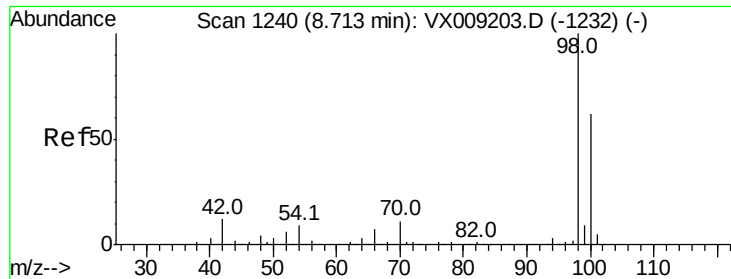
#35
 Dibromofluoromethane
 Concen: 48.964 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009596.D
 Acq: 16 May 2019 10:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	21.7	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: 49.211 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

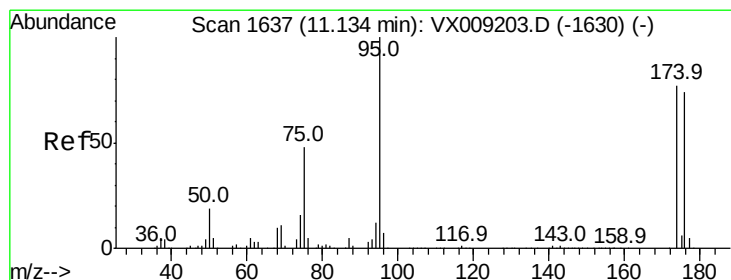
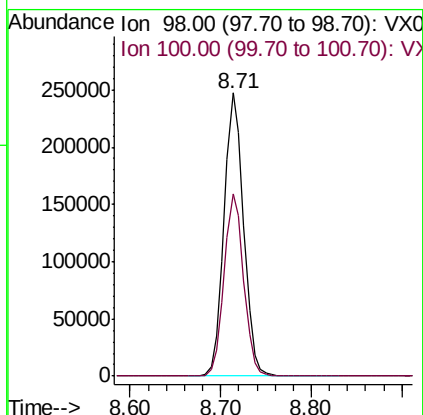
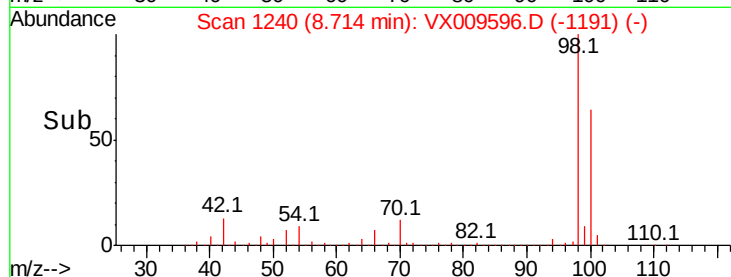
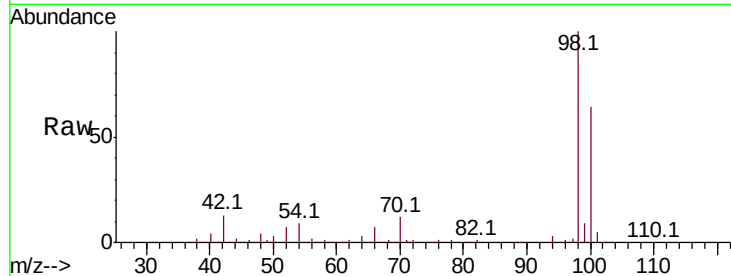
VX0516WBL01

Tot Ion: 98 Resp: 371927

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.709 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

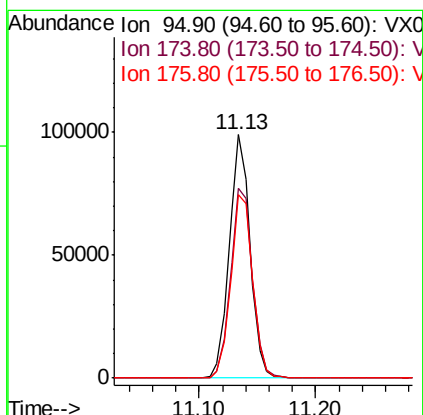
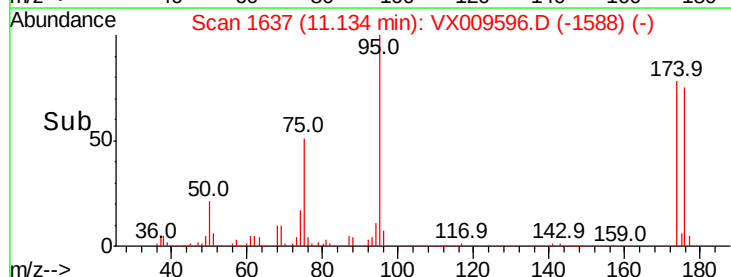
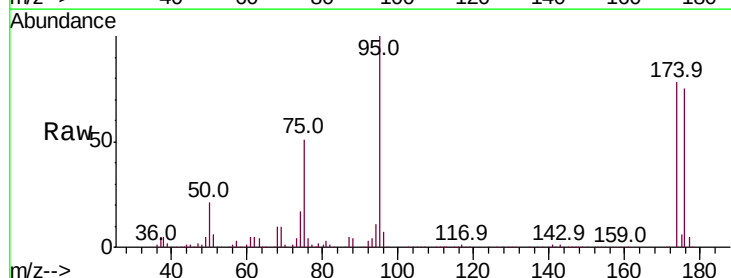
Tgt Ion: 95 Resp: 122781

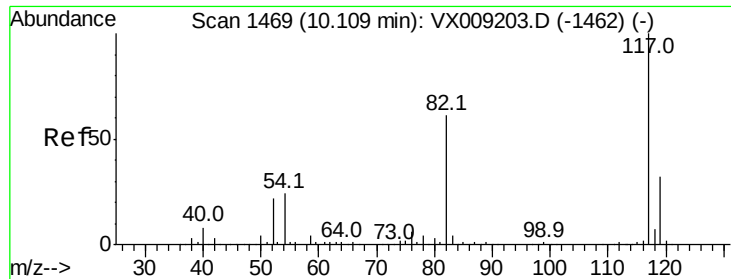
Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

176 79.6 0.0 159.2

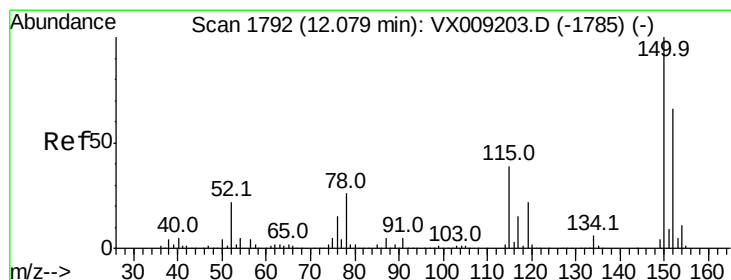
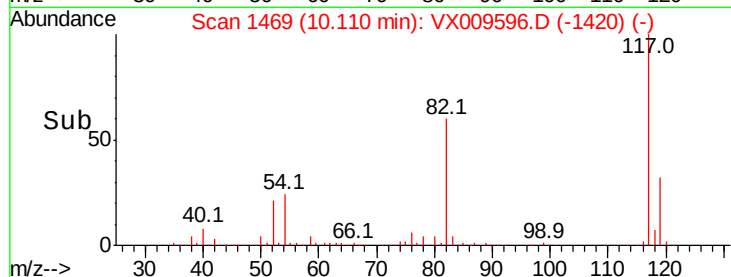
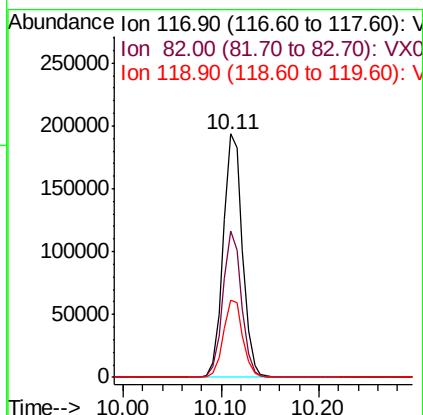
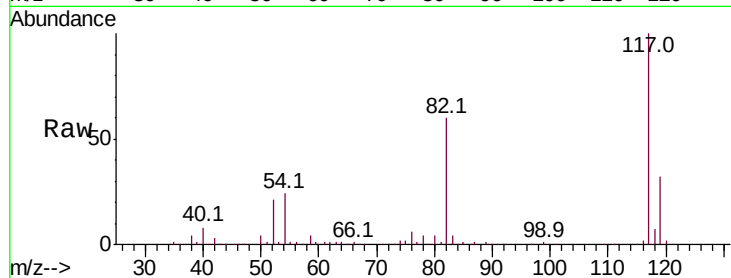




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009596.D
 Acq: 16 May 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

Tot Ion:117 Resp: 263583
 Ion Ratio Lower Upper
 117 100
 82 60.1 48.8 73.2
 119 31.7 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: VX009596.D
 Acq: 16 May 2019 10:53

Tgt Ion:152 Resp: 113277
 Ion Ratio Lower Upper
 152 100
 115 57.6 41.2 123.6
 150 157.8 0.0 346.4

