

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007732.D
 Acq On : 27 Feb 2019 14:23
 Operator : JC/SP
 Sample : VX0227WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBL01

Quant Time: Feb 28 04:18:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	305983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	477171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	450817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	185941	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	153526	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	8.71	98	586076	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	210116	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	

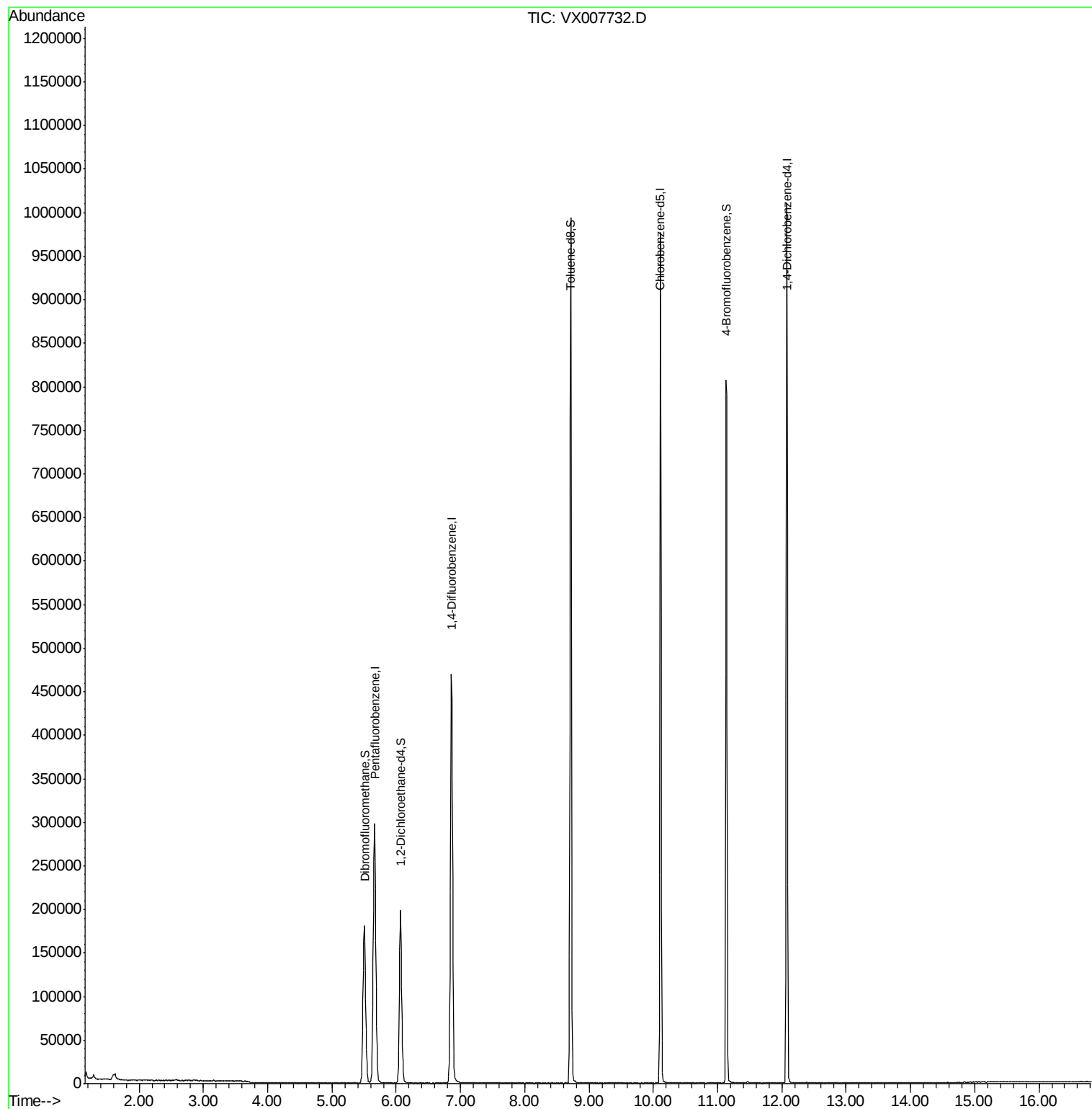
Target Compounds	Qvalue
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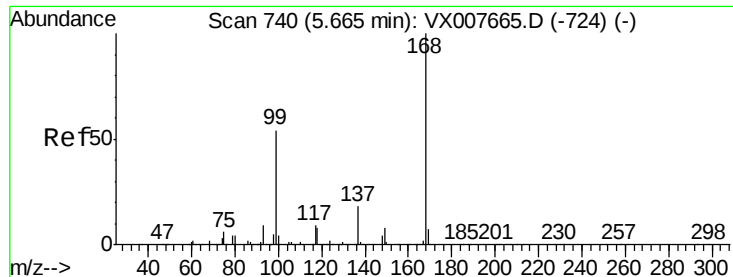
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

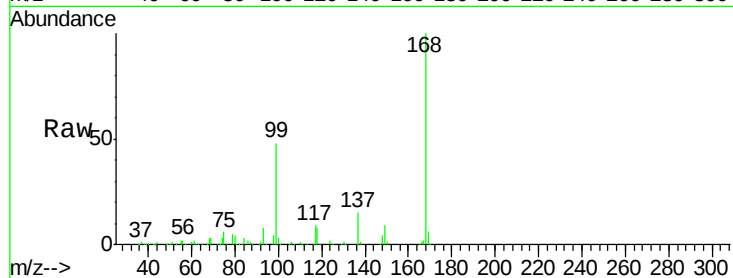
VX0227WBL01

Tot Ion:168 Resp: 305983

Ion Ratio Lower Upper

168 100

99 48.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

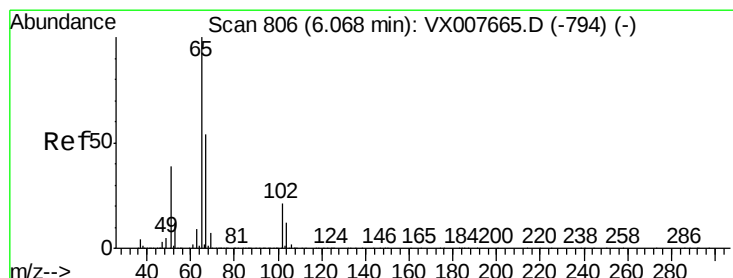
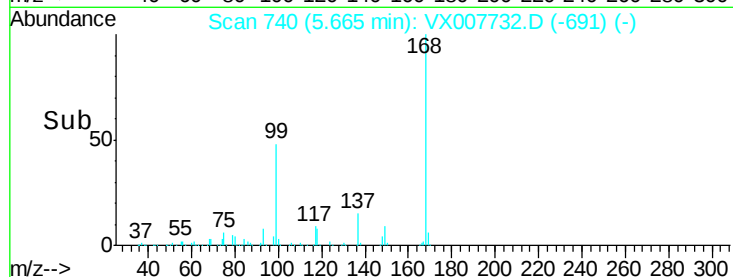
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 49.059 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007732.D

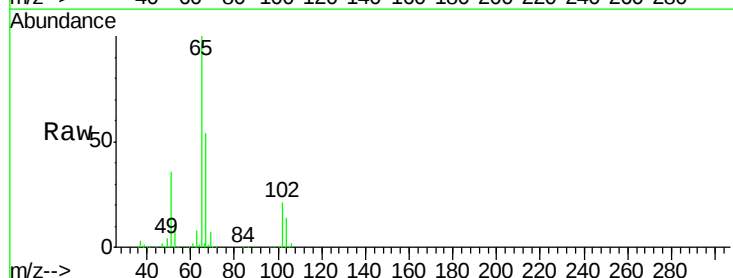
Acq: 27 Feb 2019 14:23

Tgt Ion: 65 Resp: 185941

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

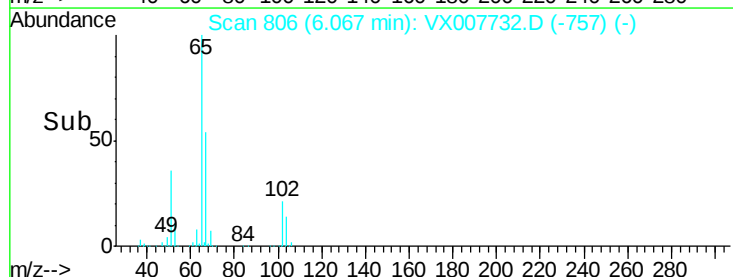
60000

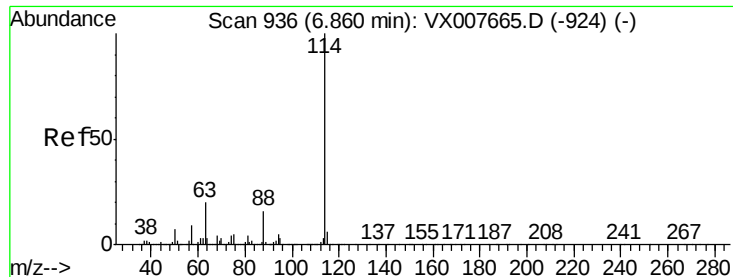
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBL01

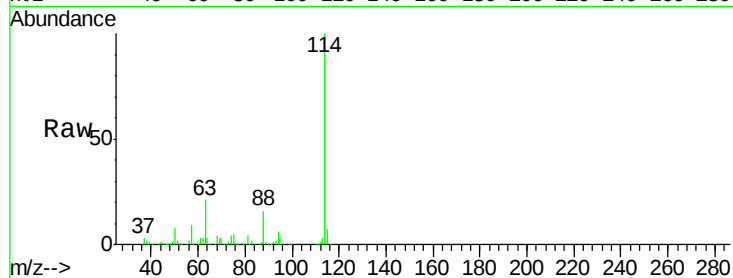
Tot Ion:114 Resp: 477171

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.6

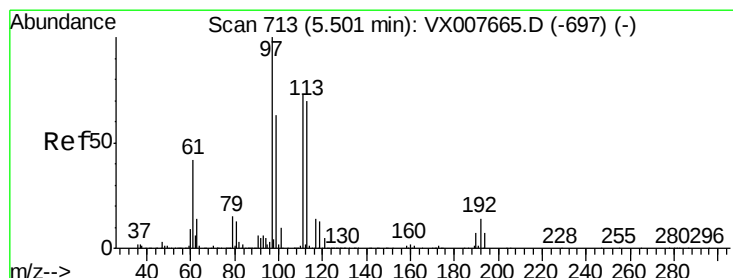
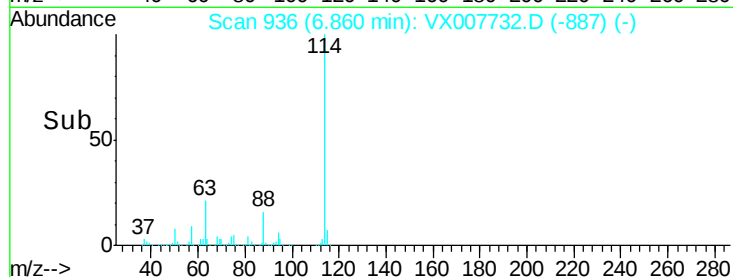
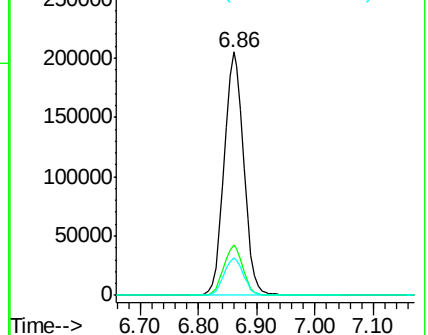
88 15.6 0.0 29.6



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: 48.131 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

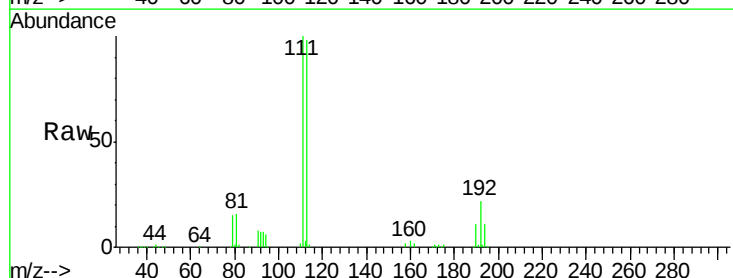
Tgt Ion:113 Resp: 153526

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

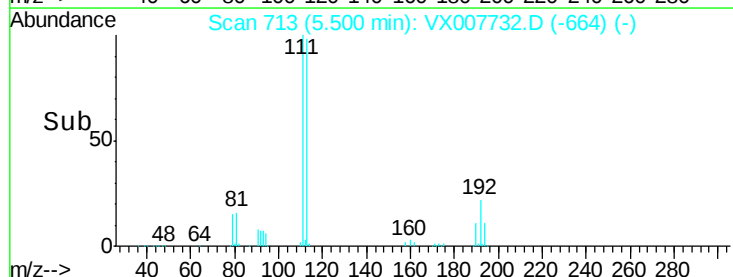
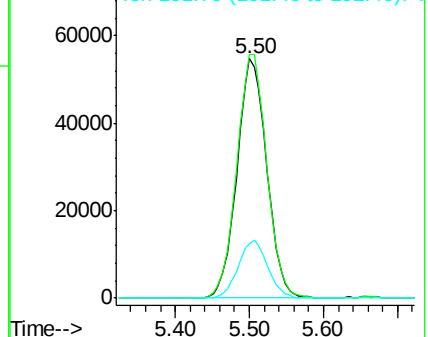
192 23.9 18.5 27.7

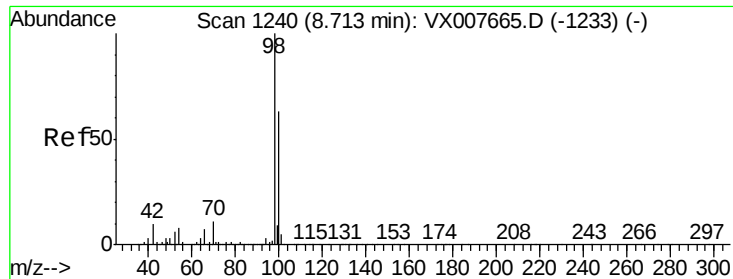


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.994 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

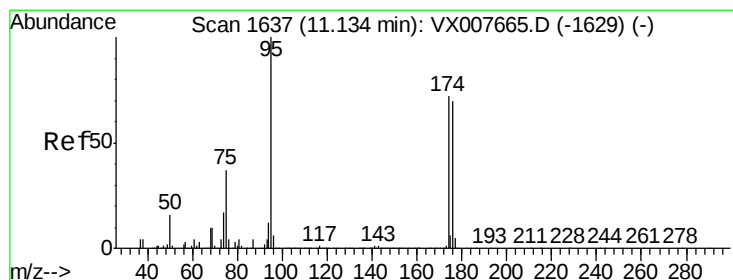
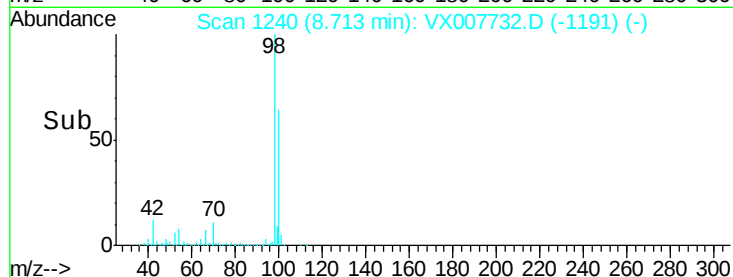
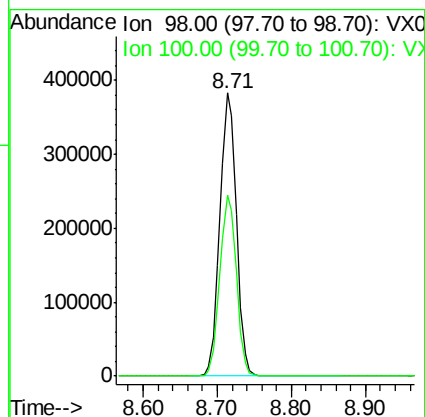
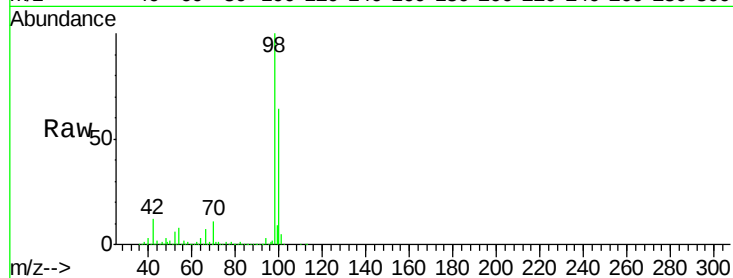
VX0227WBL01

Tot Ion: 98 Resp: 586076

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.879 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

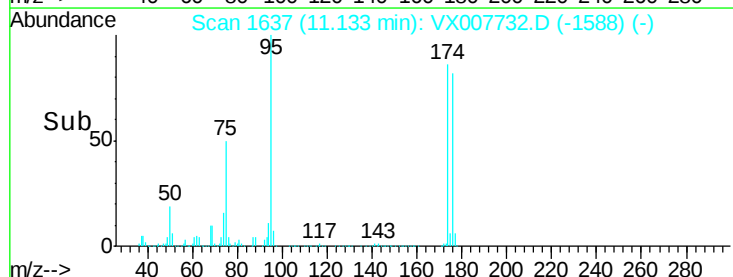
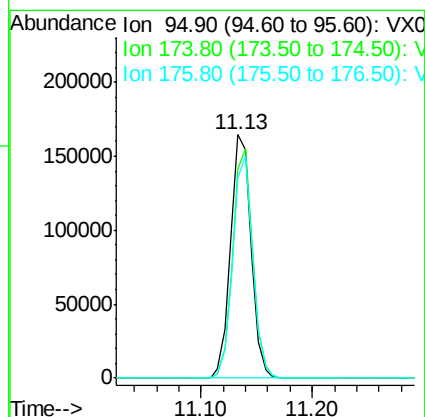
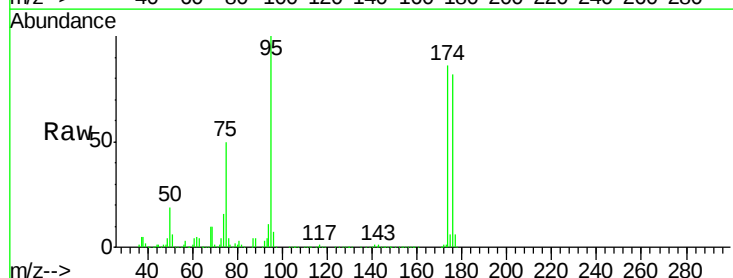
Tgt Ion: 95 Resp: 210116

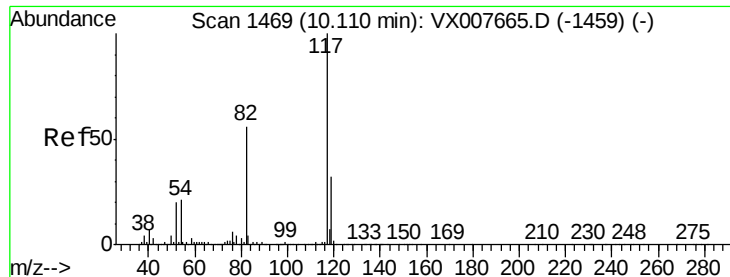
Ion Ratio Lower Upper

95 100

174 92.1 0.0 189.2

176 88.7 0.0 186.2

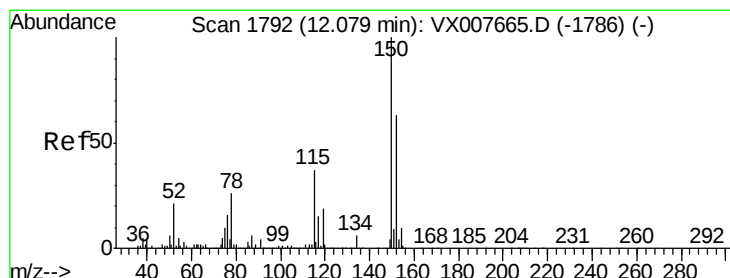
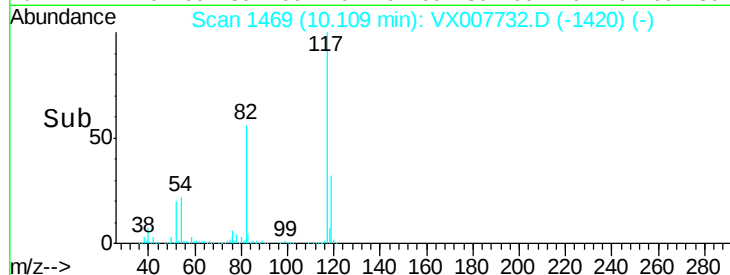
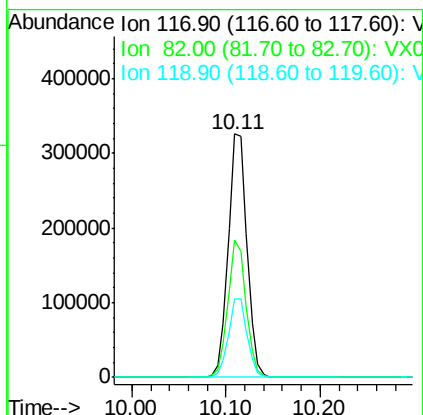
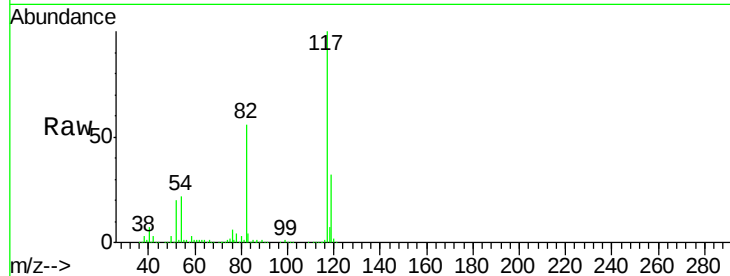




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007732.D
Acq: 27 Feb 2019 14:23

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.1	63.1
119	32.1	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007732.D
Acq: 27 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.0	114.0
150	157.2	0.0	346.4

