

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007459.D
 Acq On : 11 Feb 2019 11:20
 Operator : JC/SP
 Sample : VX0211MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBL01

Quant Time: Feb 12 00:19:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	491767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	772099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	731244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	352899	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	270322	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	5.51	113	249328	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	918433	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	329374	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	

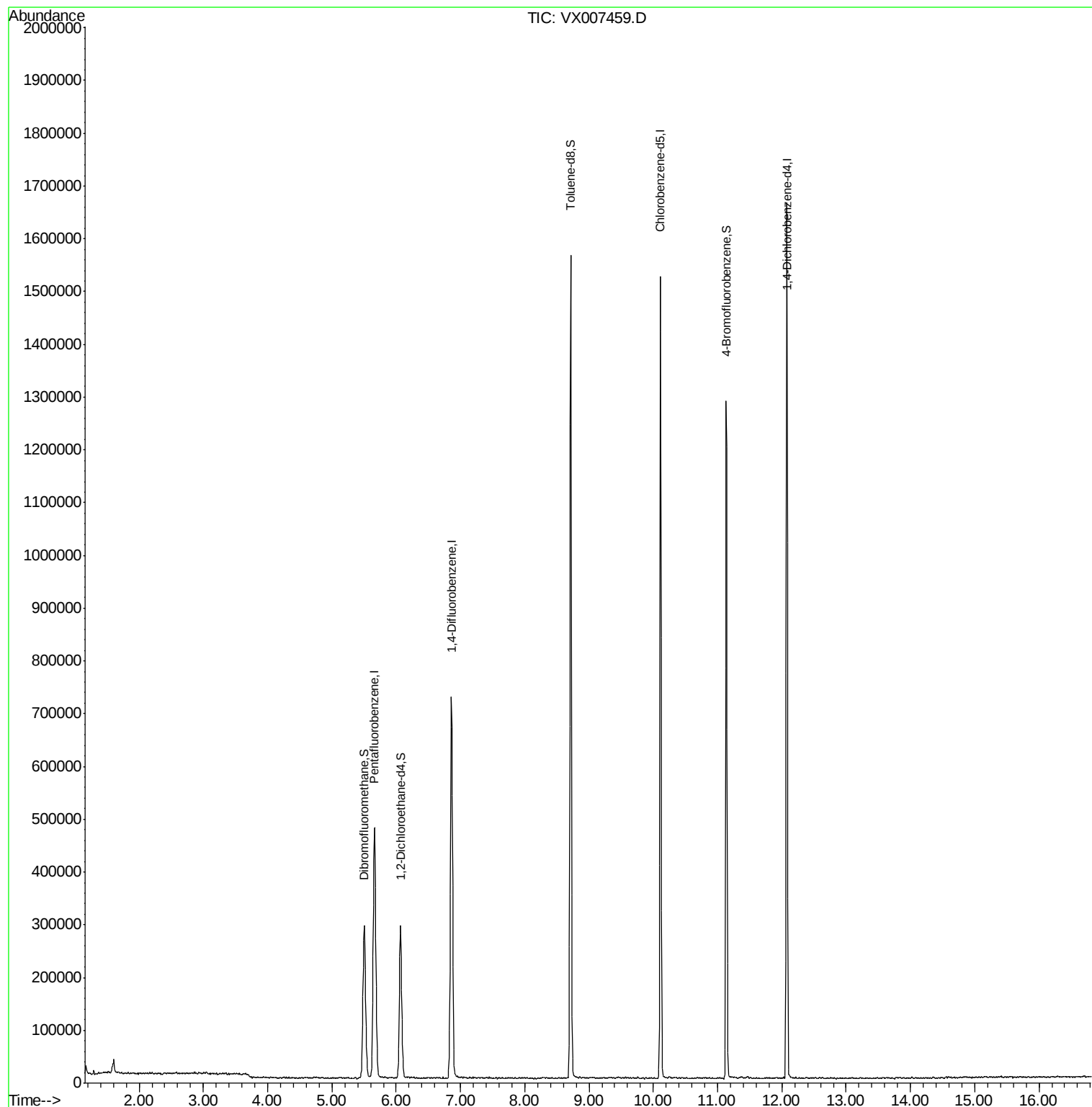
Target Compounds	Qvalue
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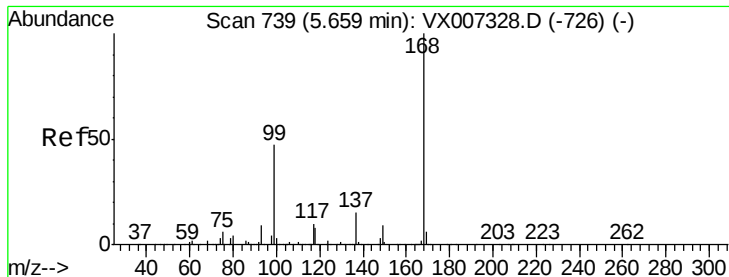
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007459.D

Acq: 11 Feb 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

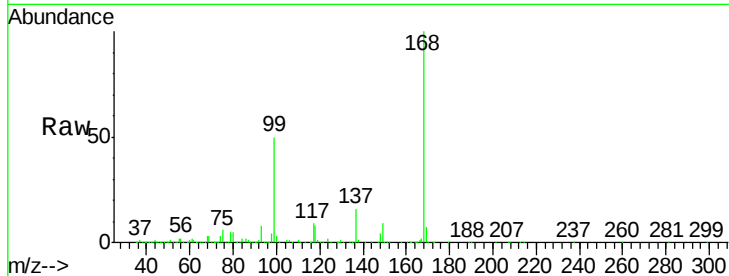
VX0211MBL01

Tot Ion:168 Resp: 491767

Ion Ratio Lower Upper

168 100

99 49.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

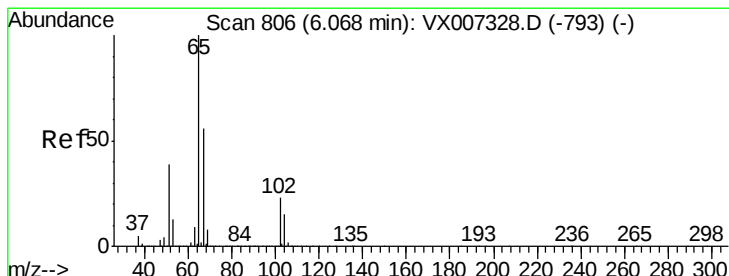
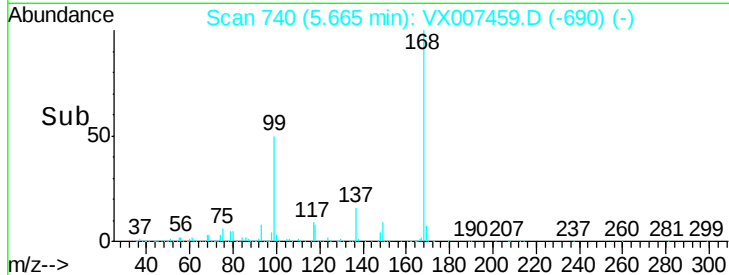
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.789 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007459.D

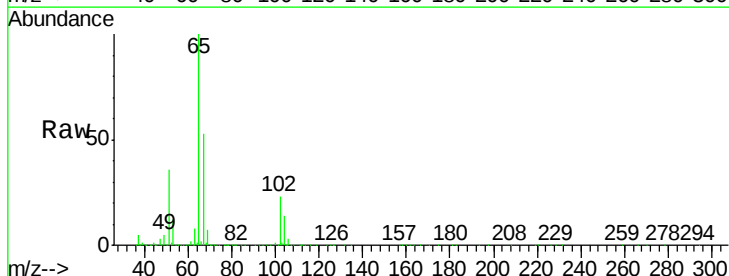
Acq: 11 Feb 2019 11:20

Tgt Ion: 65 Resp: 270322

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

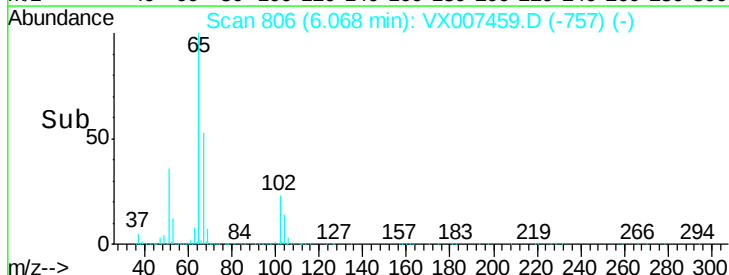
40000

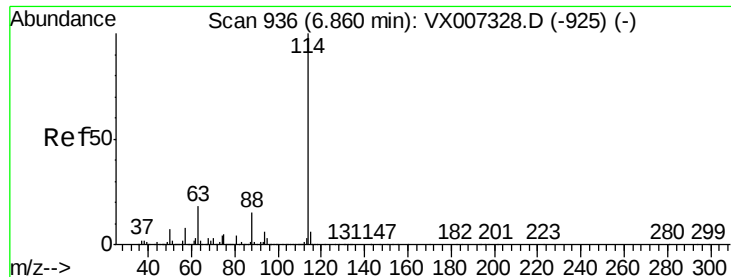
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007459.D

Acq: 11 Feb 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBL01

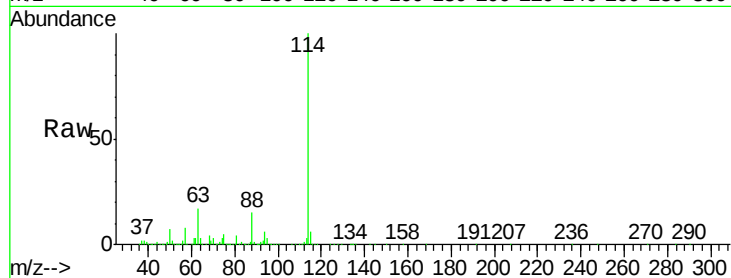
Tot Ion:114 Resp: 772099

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.6

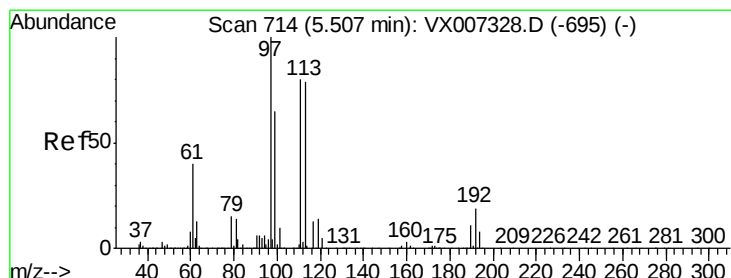
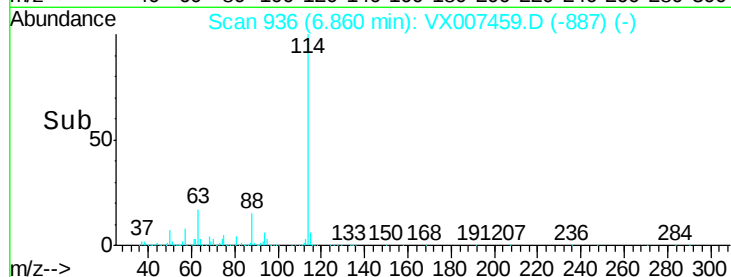
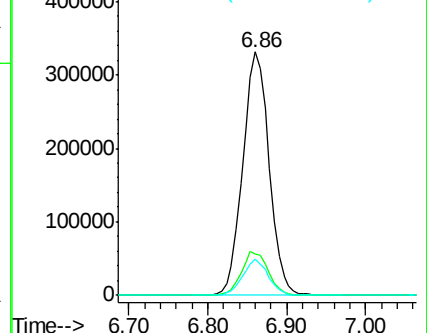
88 14.9 0.0 29.6



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: 49.630 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007459.D

Acq: 11 Feb 2019 11:20

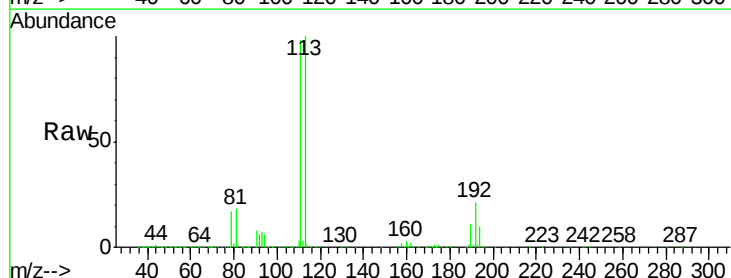
Tgt Ion:113 Resp: 249328

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

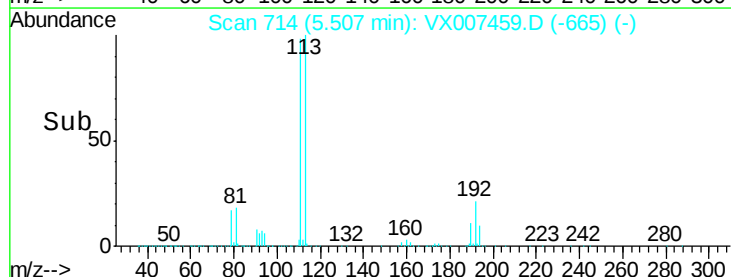
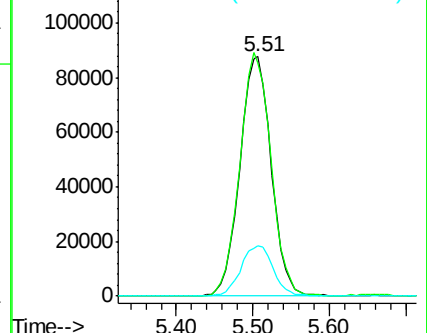
192 21.8 18.5 27.7

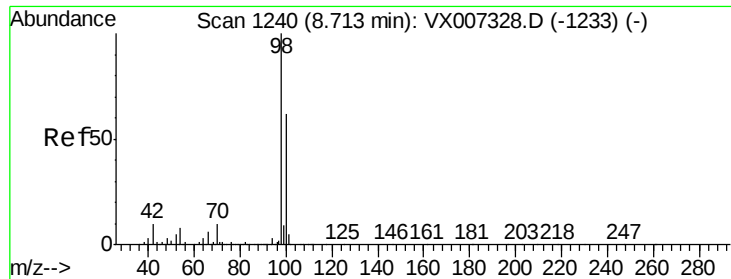


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.275 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007459.D

Acq: 11 Feb 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

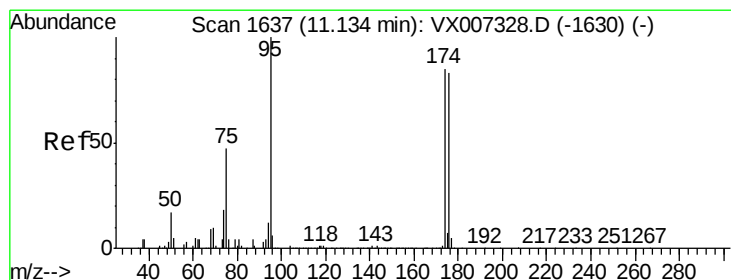
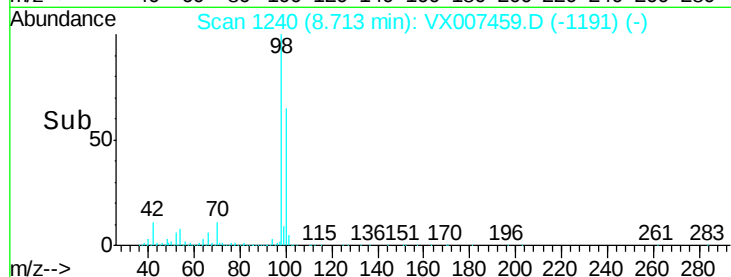
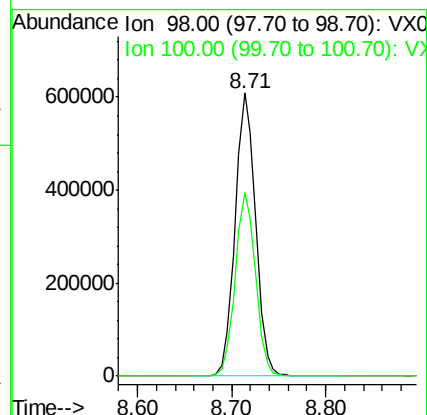
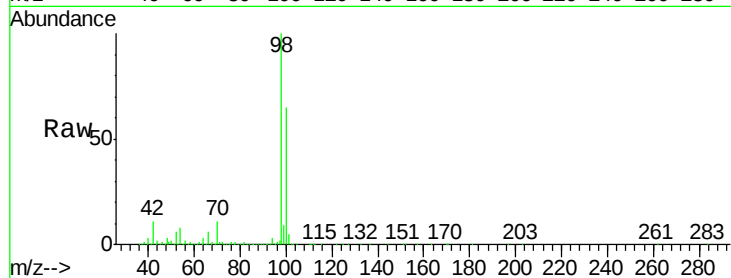
VX0211MBL01

Tot Ion: 98 Resp: 918433

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.401 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007459.D

Acq: 11 Feb 2019 11:20

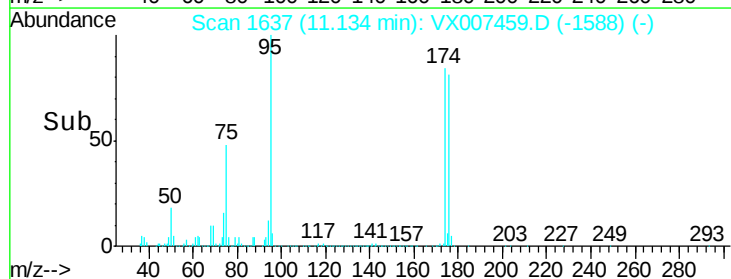
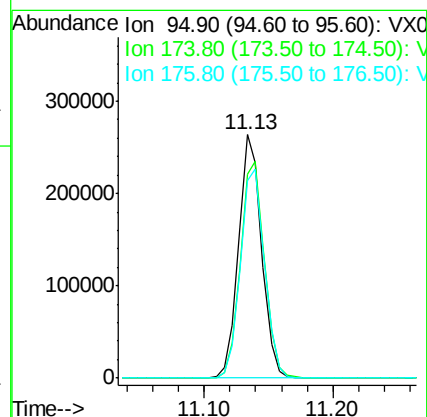
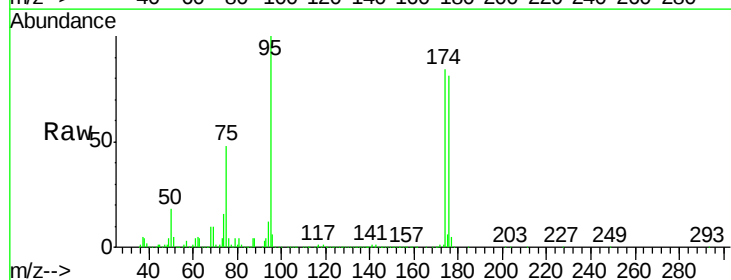
Tgt Ion: 95 Resp: 329374

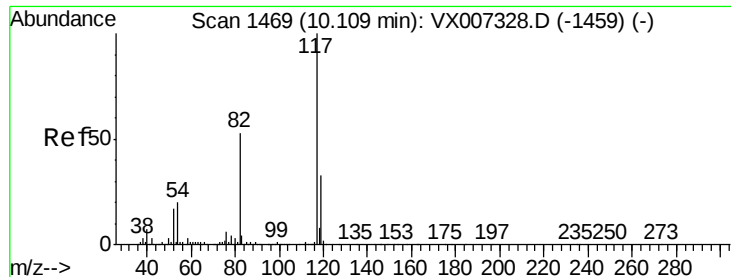
Ion Ratio Lower Upper

95 100

174 92.4 0.0 189.2

176 89.5 0.0 186.2

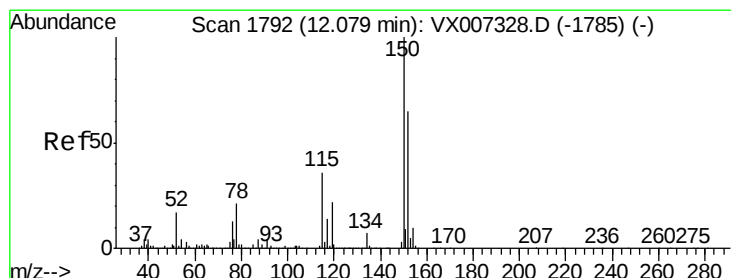
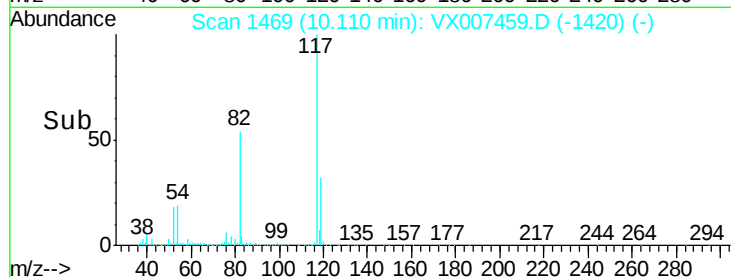
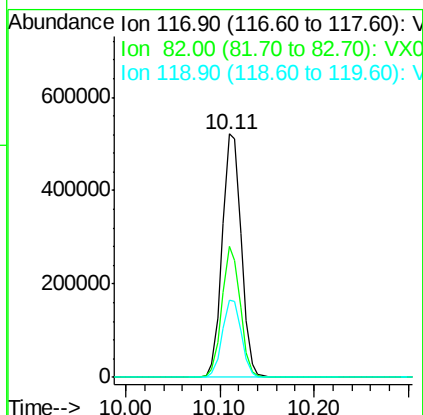
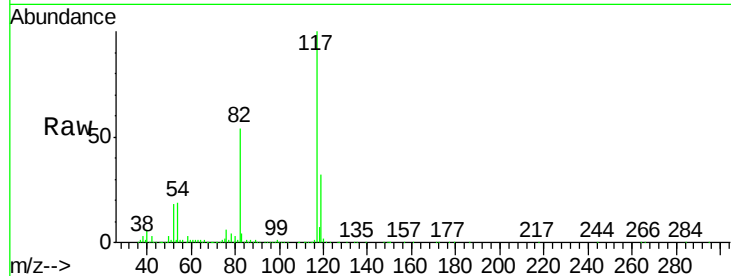




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007459.D
Acq: 11 Feb 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

Tot Ion:117 Resp: 731244
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 32.0 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: VX007459.D
Acq: 11 Feb 2019 11:20

Tgt Ion:152 Resp: 352899
Ion Ratio Lower Upper
152 100
115 55.2 38.0 114.0
150 158.3 0.0 346.4

