

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007526.D
 Acq On : 13 Feb 2019 17:50
 Operator : JC/SP
 Sample : K1458-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1

Quant Time: Feb 14 10:54:59 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	543973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	842349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	372745	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	284730	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
35) Dibromofluoromethane	5.51	113	268529	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
50) Toluene-d8	8.71	98	986655	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	346459	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

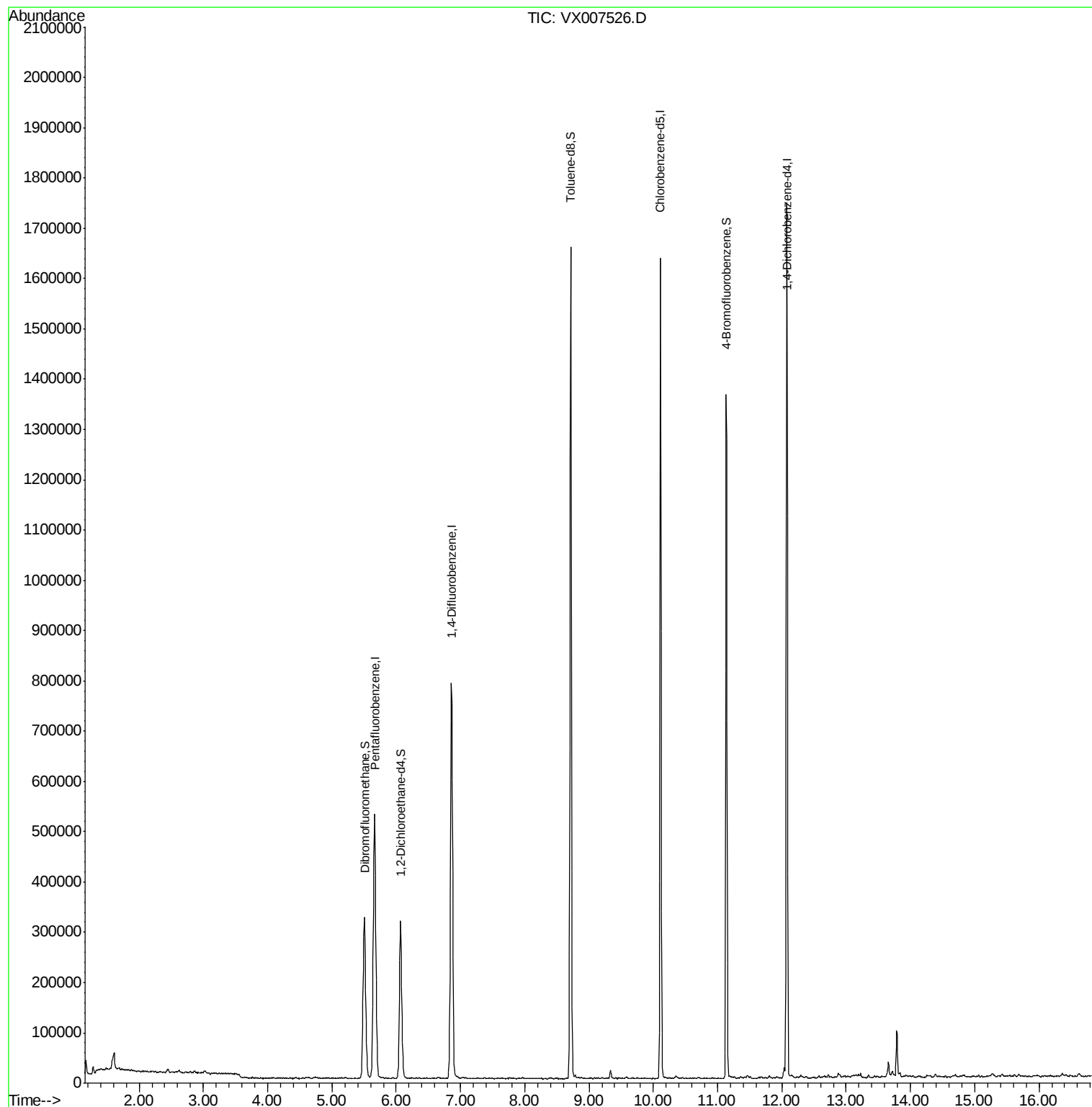
Target Compounds	Qvalue
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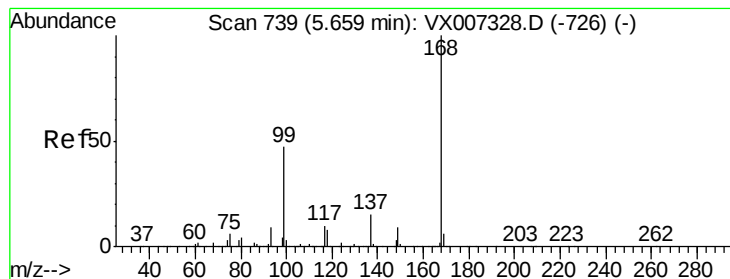
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007526.D

Acq: 13 Feb 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

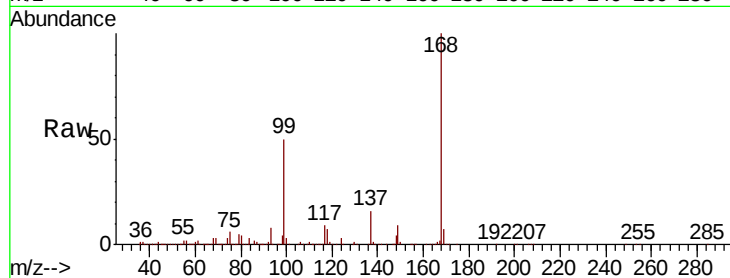
GW-1

Tot Ion:168 Resp: 543973

Ion Ratio Lower Upper

168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

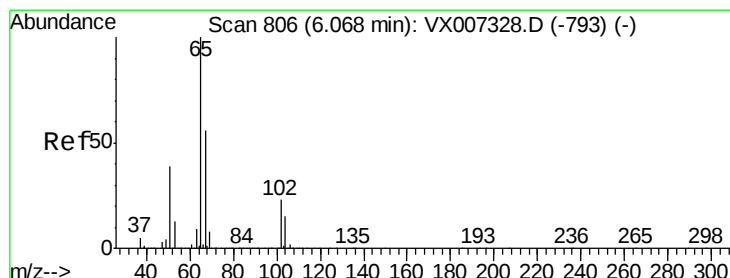
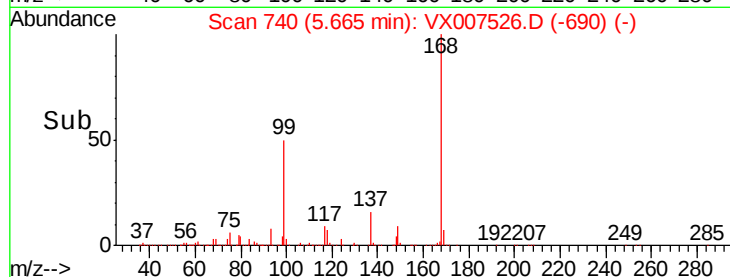
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.314 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007526.D

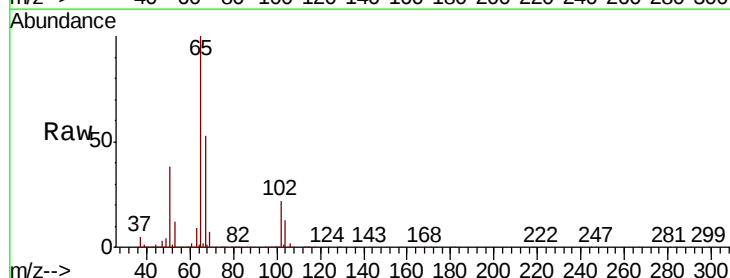
Acq: 13 Feb 2019 17:50

Tgt Ion: 65 Resp: 284730

Ion Ratio Lower Upper

65 100

67 54.2 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

120000

100000

80000

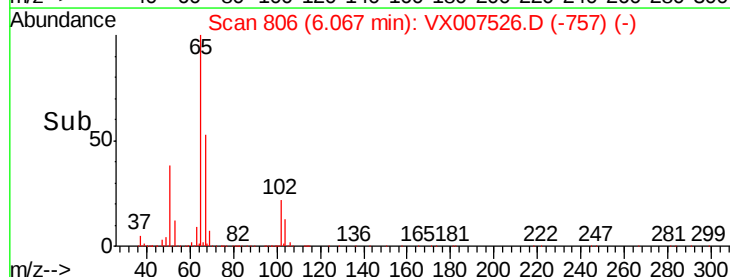
60000

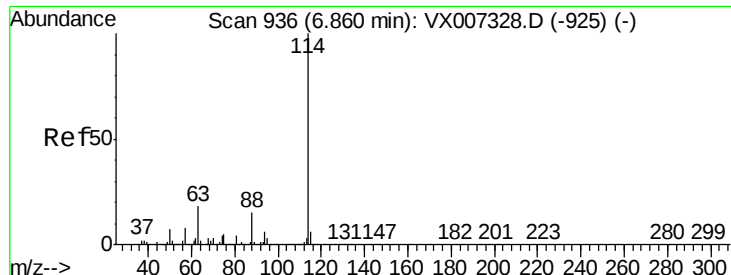
40000

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: VX007526.D

Acq: 13 Feb 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

GW-1

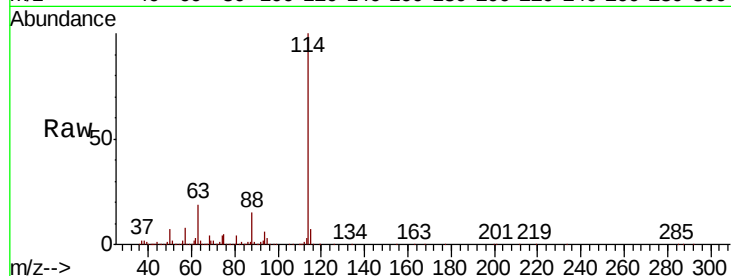
Tot Ion:114 Resp: 842349

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

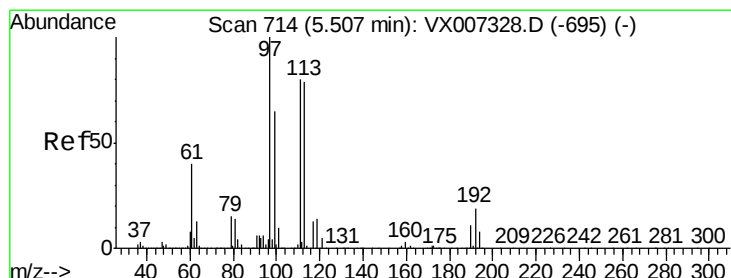
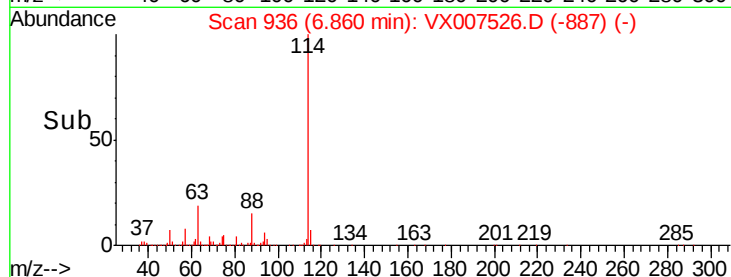
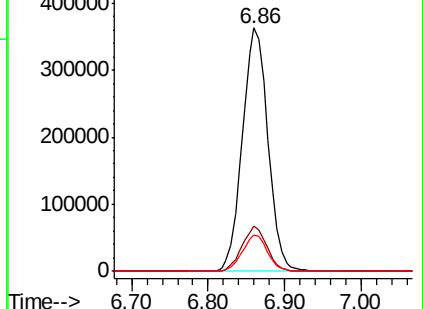
88 14.8 0.0 29.6



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: 48.994 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007526.D

Acq: 13 Feb 2019 17:50

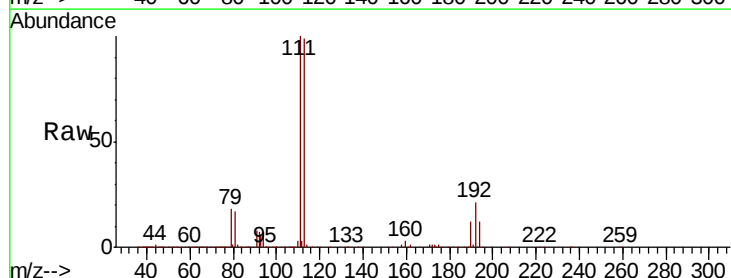
Tgt Ion:113 Resp: 268529

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

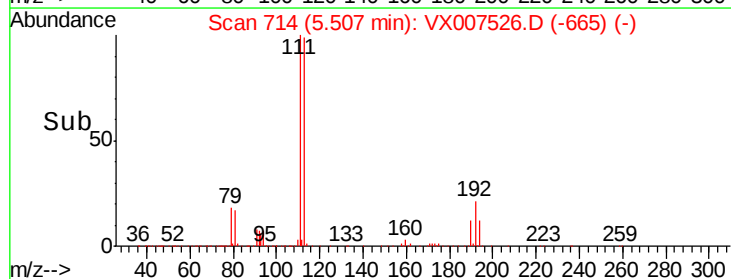
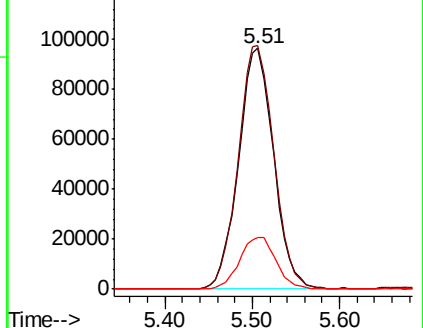
192 22.4 18.5 27.7

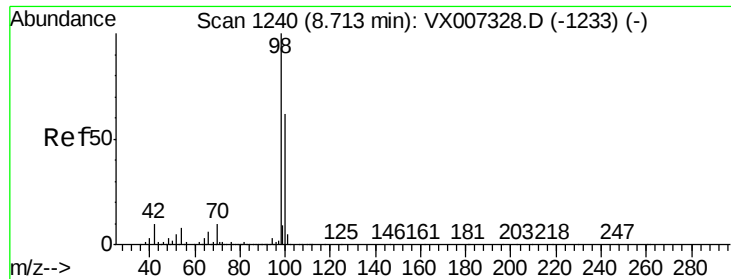


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.520 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007526.D

Acq: 13 Feb 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

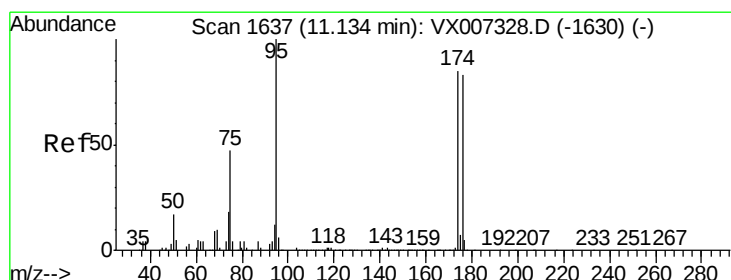
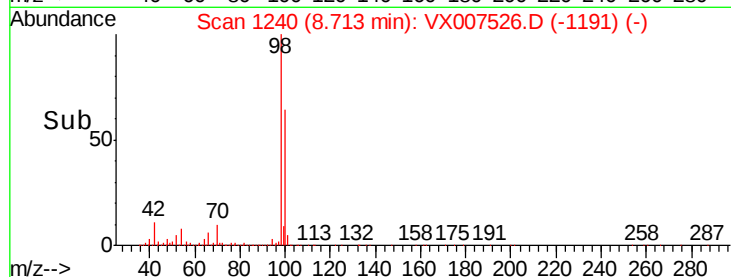
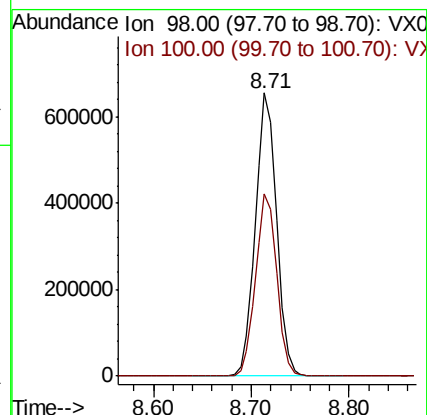
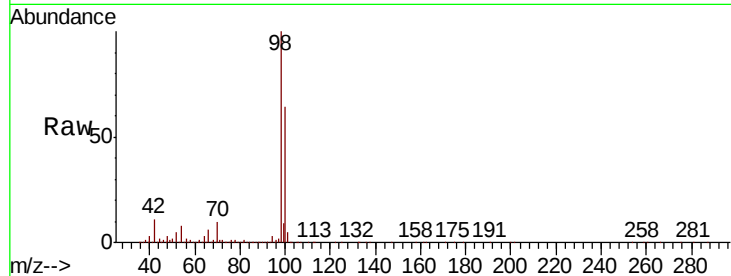
GW-1

Tot Ion: 98 Resp: 986655

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.665 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007526.D

Acq: 13 Feb 2019 17:50

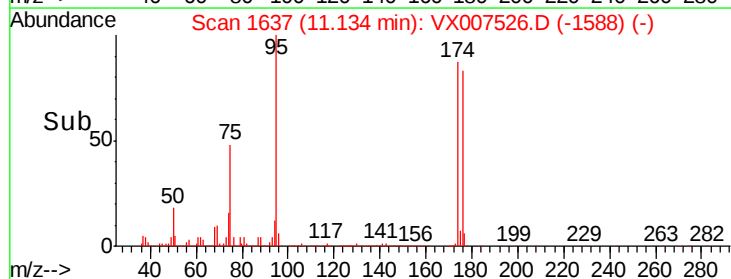
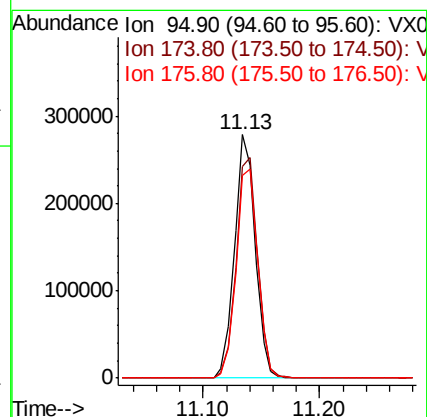
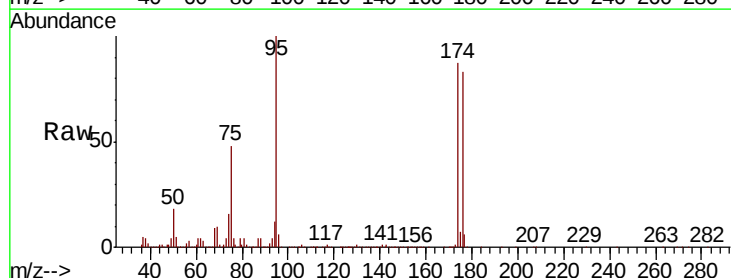
Tgt Ion: 95 Resp: 346459

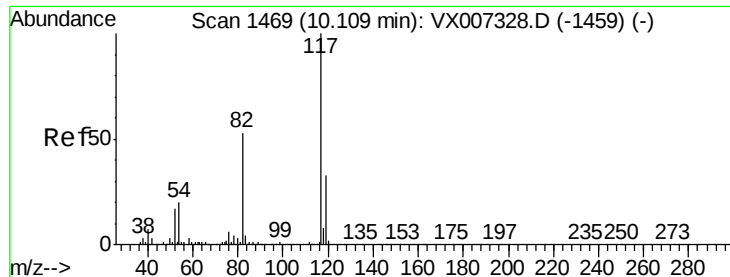
Ion Ratio Lower Upper

95 100

174 93.9 0.0 189.2

176 89.9 0.0 186.2

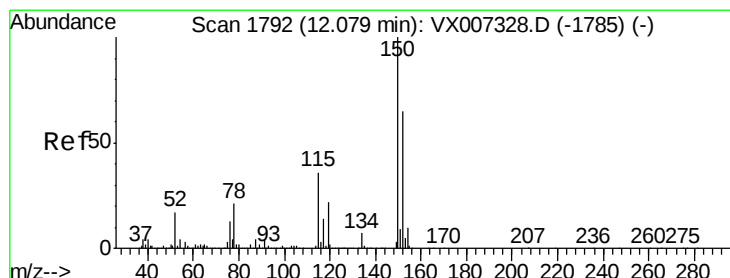
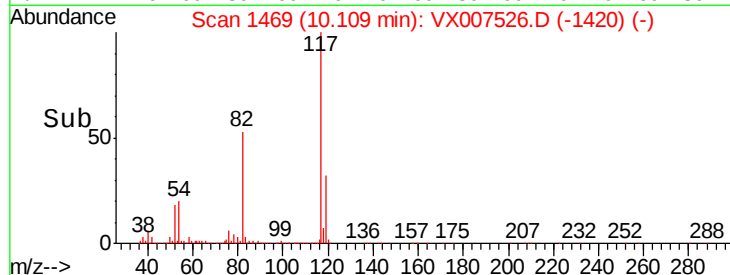
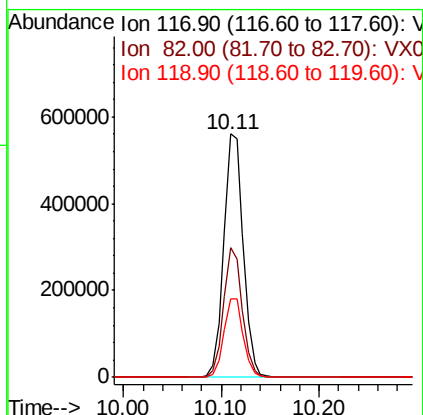
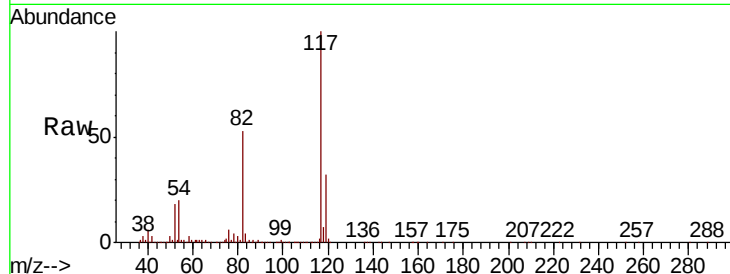




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007526.D
Acq: 13 Feb 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
GW-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	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: VX007526.D
Acq: 13 Feb 2019 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.0	114.0
150	155.1	0.0	346.4

