

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007367.D
 Acq On : 05 Feb 2019 10:58
 Operator : JC/SP
 Sample : VX0205MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205MBL01

Quant Time: Feb 06 00:36:10 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	508276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	792750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	748953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	366358	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	283613	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	5.51	113	255448	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	956747	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	340439	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

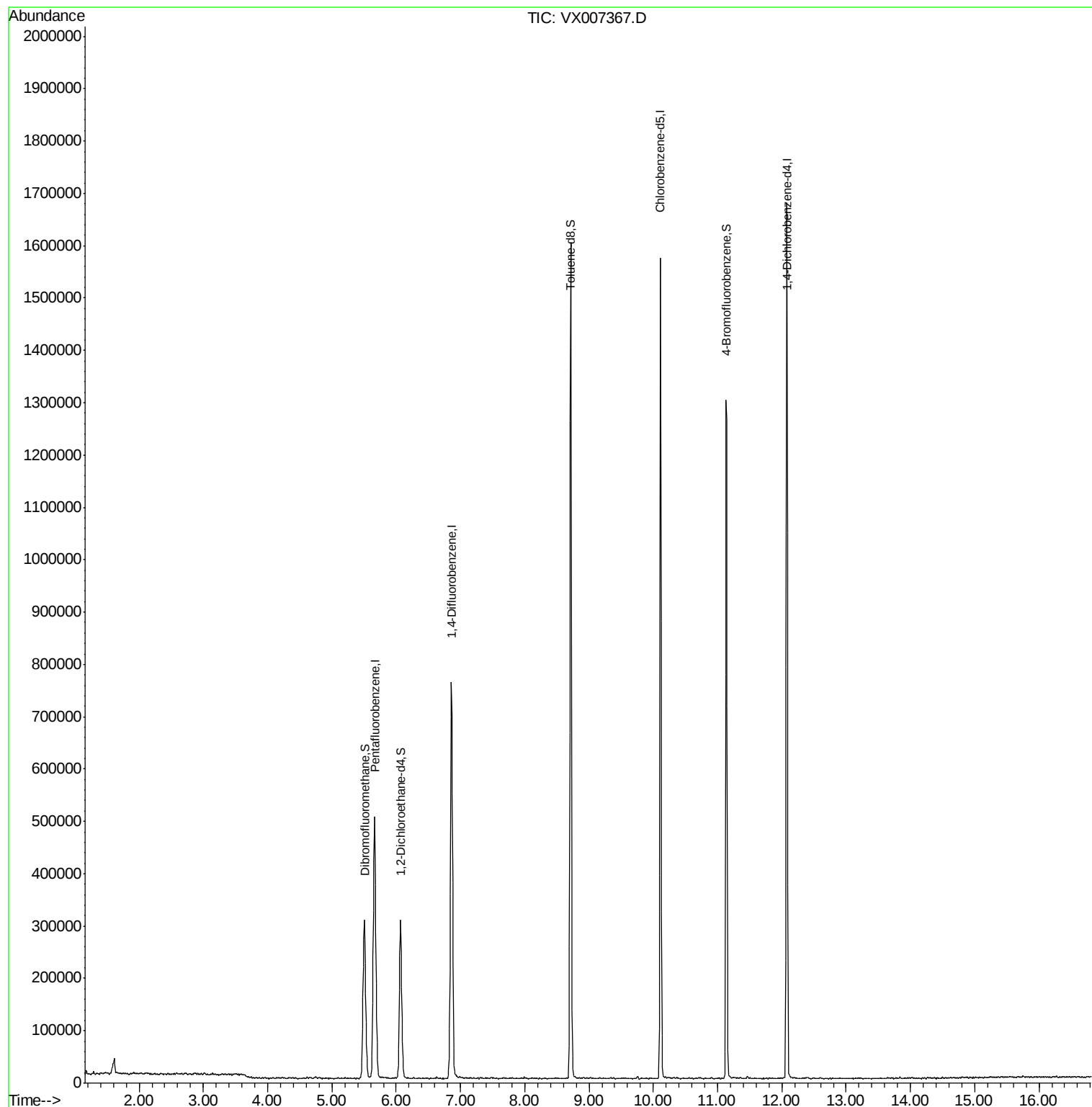
Target Compounds	Qvalue
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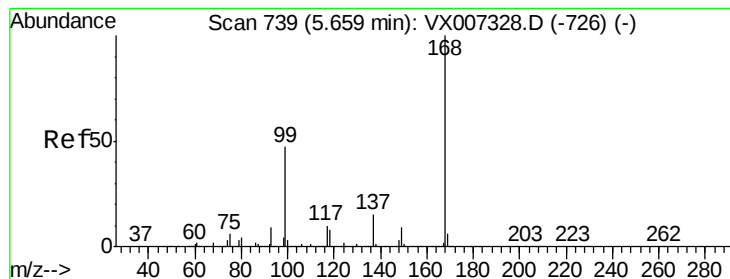
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0205MBL01

Quant Time: Feb 06 00:36:10 2019
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: VX007367.D

Acq: 05 Feb 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

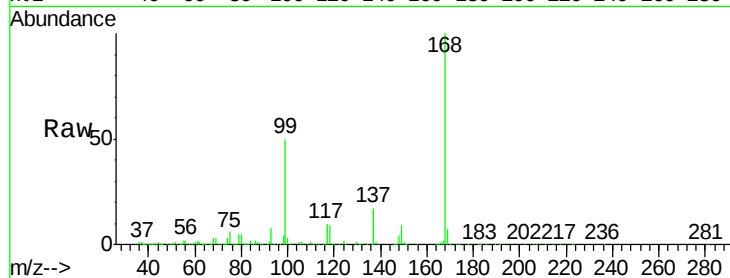
VX0205MBL01

Tot Ion:168 Resp: 508276

Ion Ratio Lower Upper

168 100

99 49.5 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

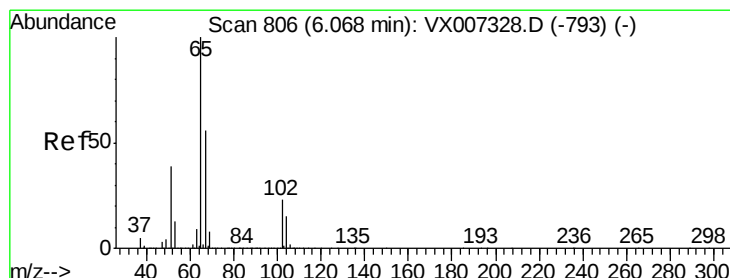
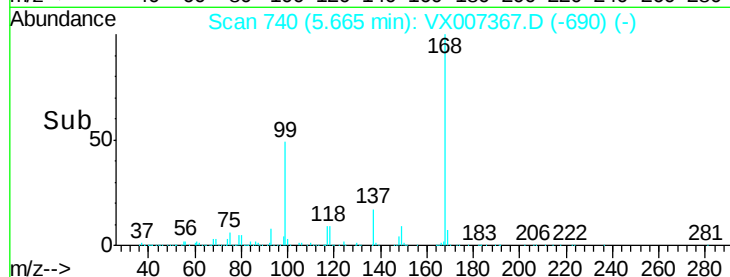
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.570 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007367.D

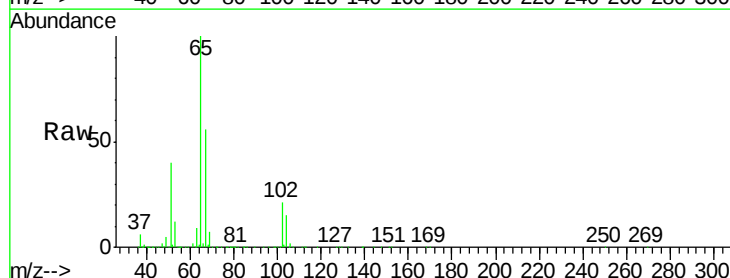
Acq: 05 Feb 2019 10:58

Tgt Ion: 65 Resp: 283613

Ion Ratio Lower Upper

65 100

67 53.5 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

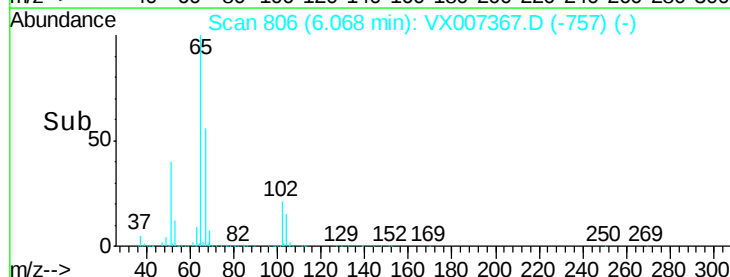
60000

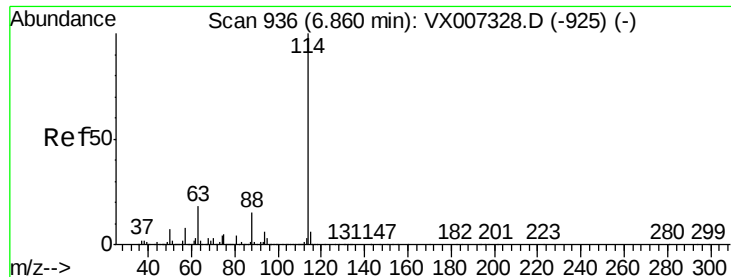
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007367.D

Acq: 05 Feb 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0205MBL01

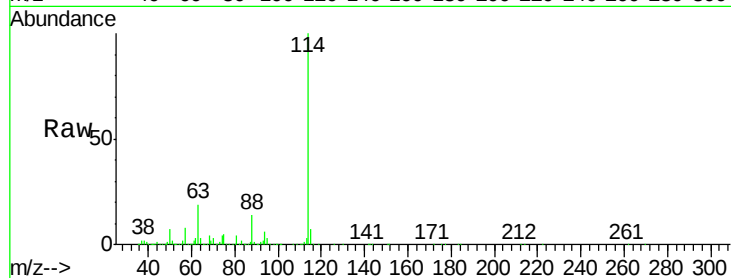
Tot Ion:114 Resp: 792750

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

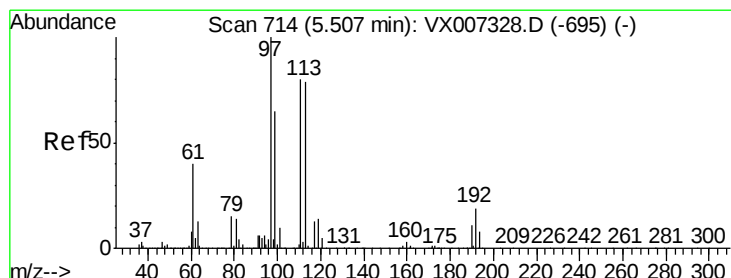
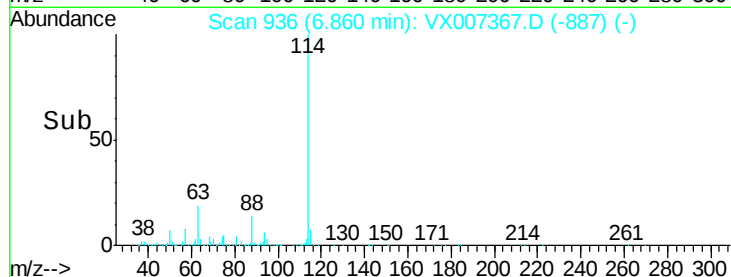
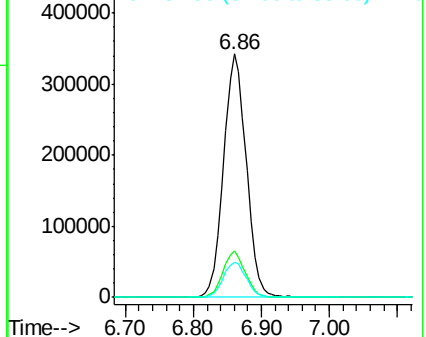
88 14.4 0.0 29.6



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: 49.523 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007367.D

Acq: 05 Feb 2019 10:58

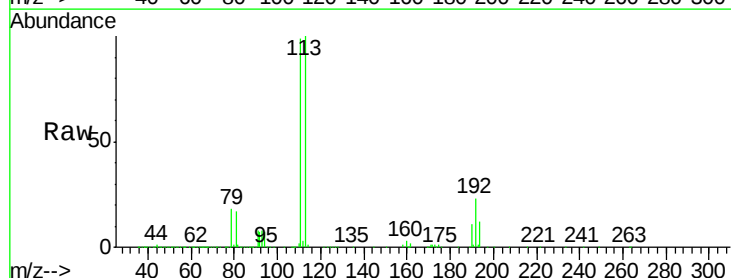
Tgt Ion:113 Resp: 255448

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

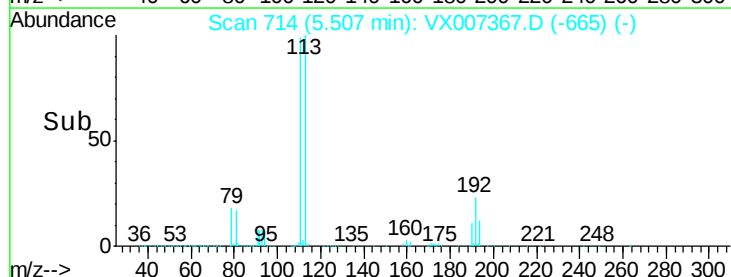
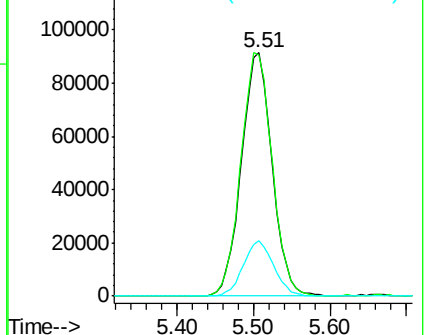
192 22.4 18.5 27.7

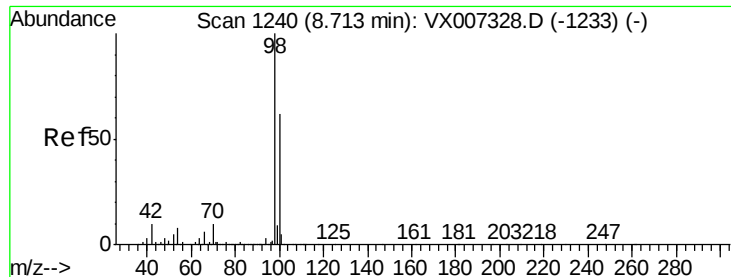


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.993 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007367.D

Acq: 05 Feb 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

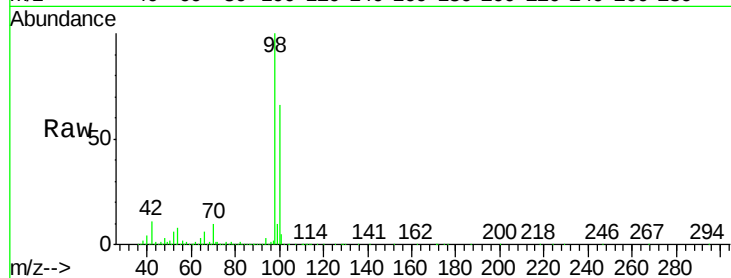
VX0205MBL01

Tot Ion: 98 Resp: 956747

Ion Ratio Lower Upper

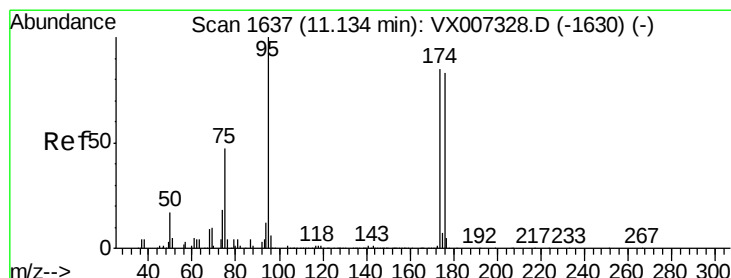
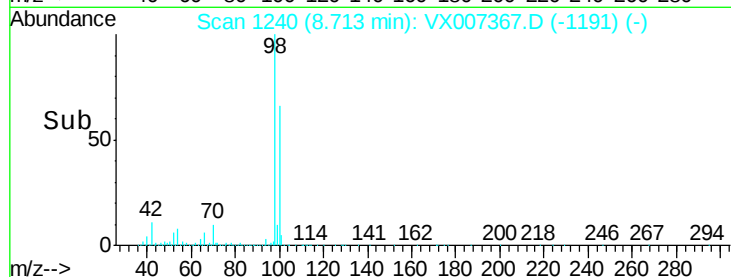
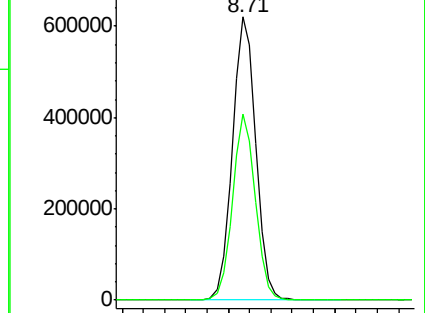
98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.724 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007367.D

Acq: 05 Feb 2019 10:58

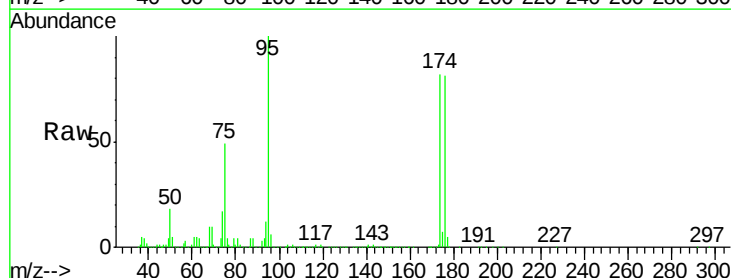
Tgt Ion: 95 Resp: 340439

Ion Ratio Lower Upper

95 100

174 91.6 0.0 189.2

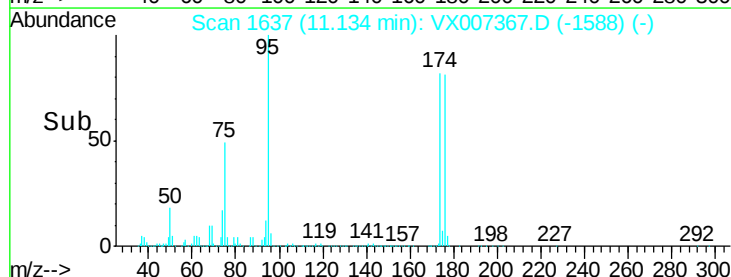
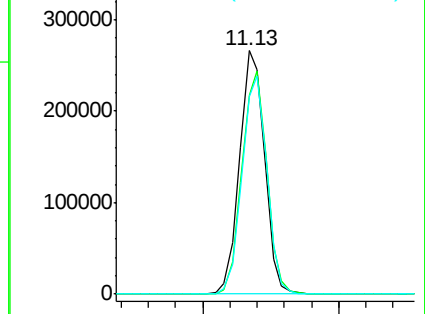
176 89.3 0.0 186.2

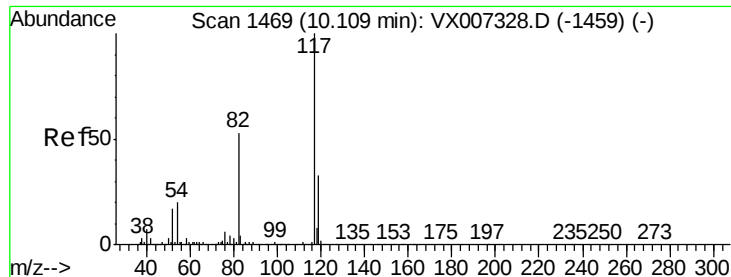


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

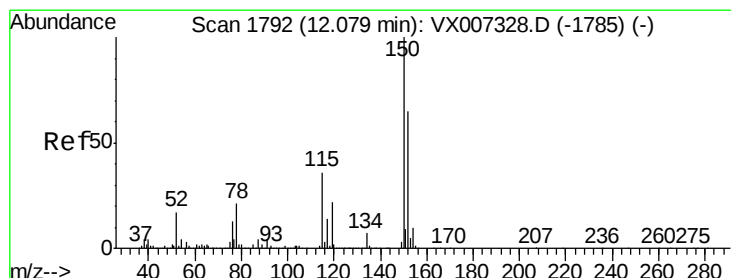
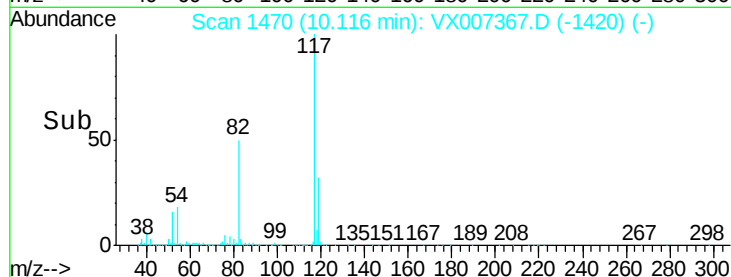
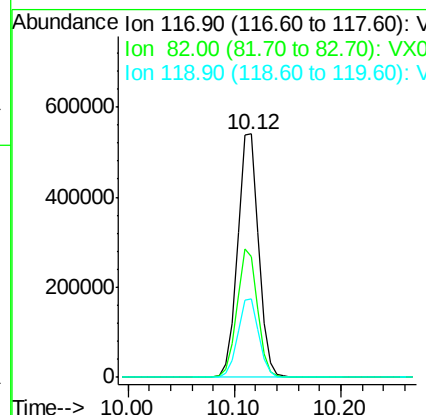
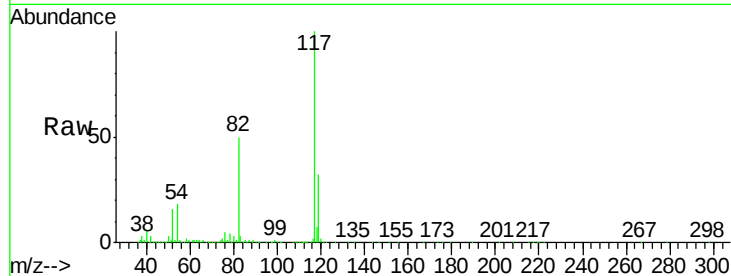




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007367.D
Acq: 05 Feb 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0205MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.1	63.1
119	32.2	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: VX007367.D
Acq: 05 Feb 2019 10:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.0	114.0
150	156.9	0.0	346.4

