

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007539.D
 Acq On : 14 Feb 2019 12:22
 Operator : JC/SP
 Sample : VX0215MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215MBL01

Quant Time: Feb 15 02:50:24 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	491604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	783902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	739637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	349254	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	277448	53.17	ug/l	0.00
Spiked Amount						
			Recovery	=	106.34%	
35) Dibromofluoromethane	5.51	113	260442	51.06	ug/l	0.00
Spiked Amount						
			Recovery	=	102.12%	
50) Toluene-d8	8.71	98	929703	49.13	ug/l	0.00
Spiked Amount						
			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	323561	46.83	ug/l	0.00
Spiked Amount						
			Recovery	=	93.66%	

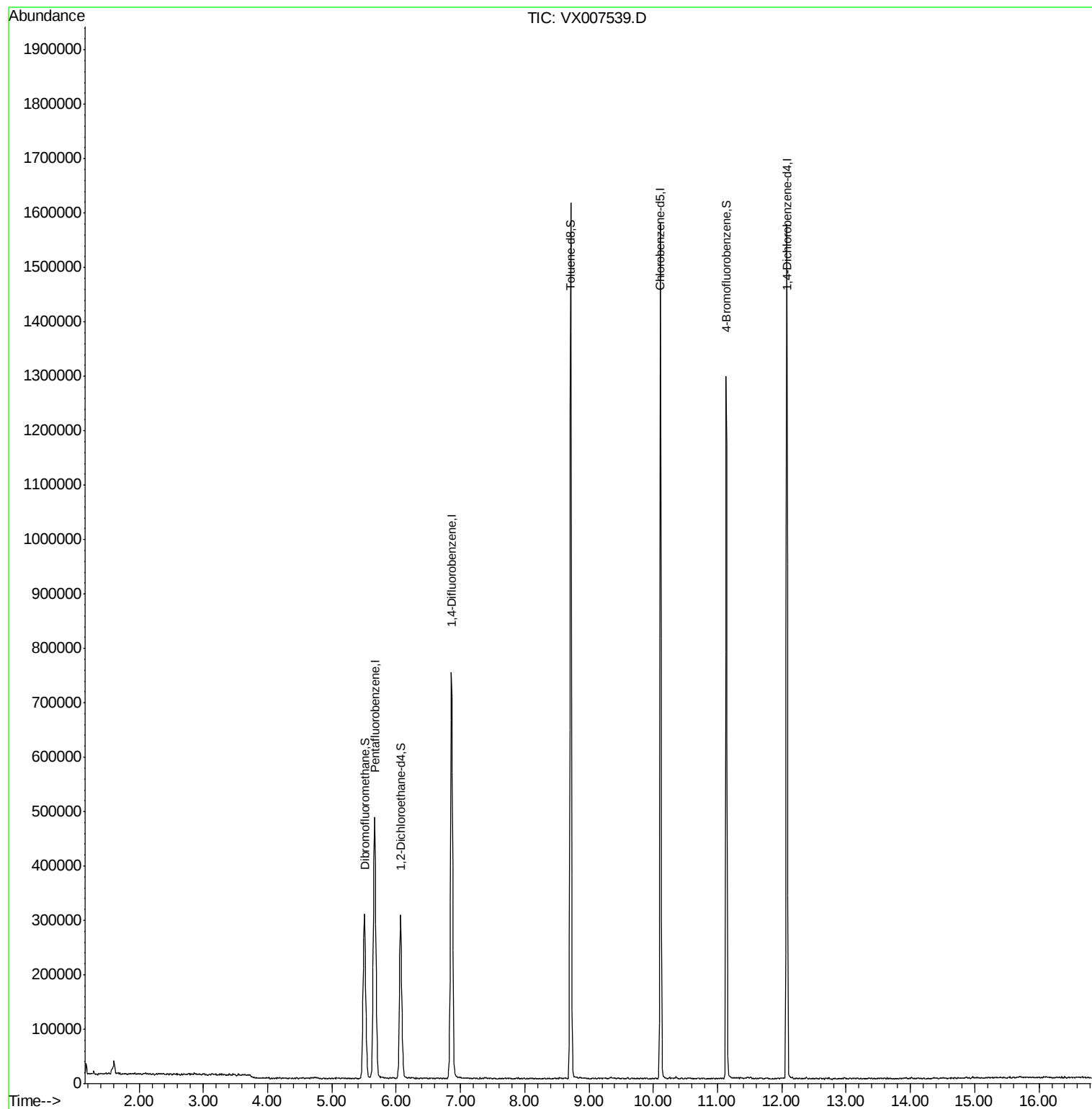
Target Compounds	Qvalue
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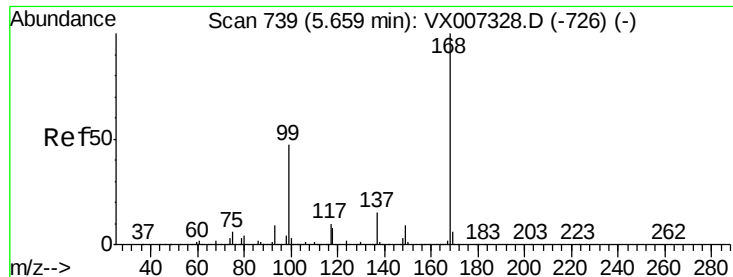
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007539.D

Acq: 14 Feb 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

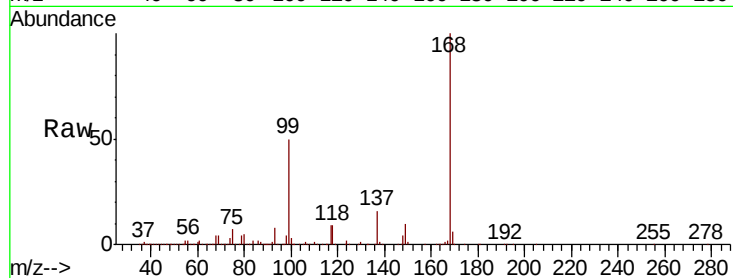
VX0215MBL01

Tot Ion:168 Resp: 491604

Ion Ratio Lower Upper

168 100

99 49.6 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

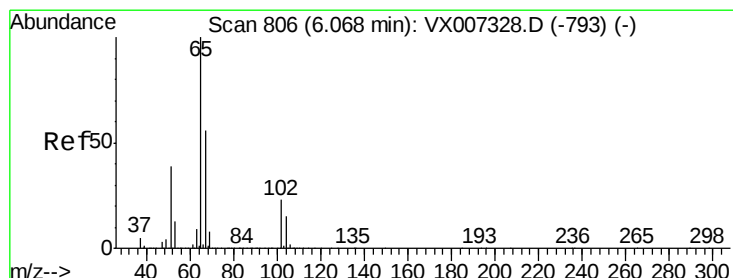
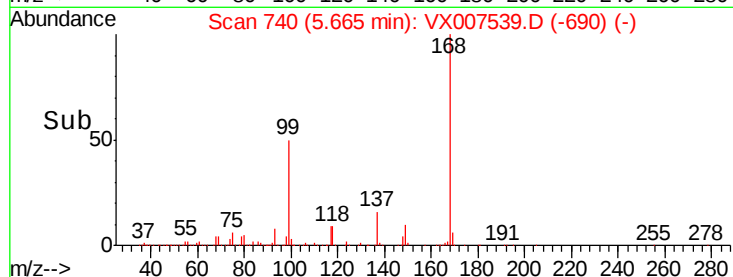
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.172 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX007539.D

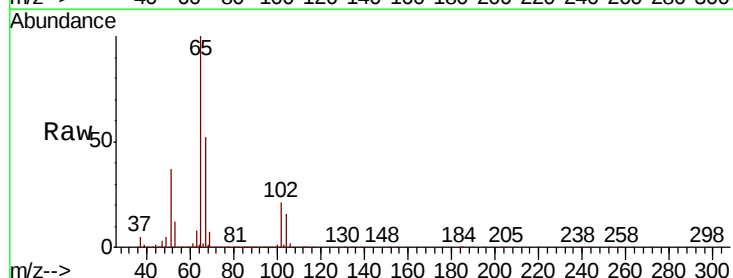
Acq: 14 Feb 2019 12:22

Tgt Ion: 65 Resp: 277448

Ion Ratio Lower Upper

65 100

67 53.6 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

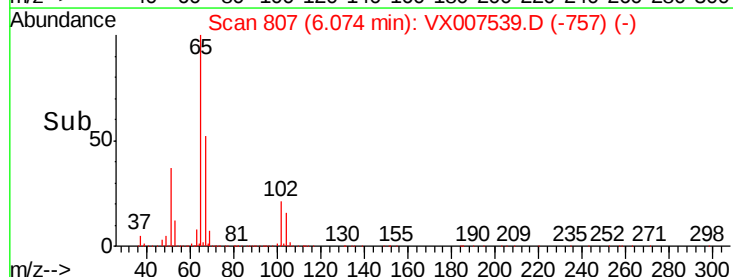
60000

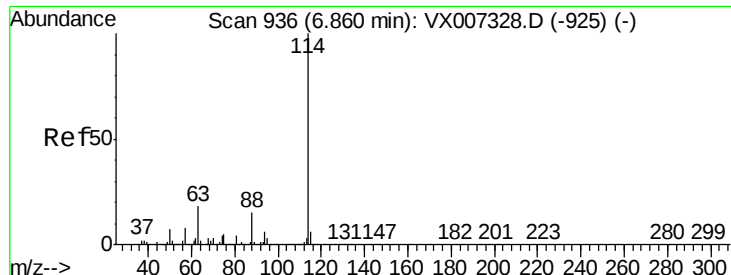
40000

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: VX007539.D

Acq: 14 Feb 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0215MBL01

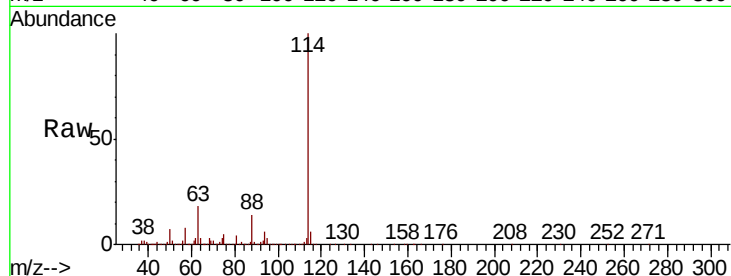
Tot Ion:114 Resp: 783902

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

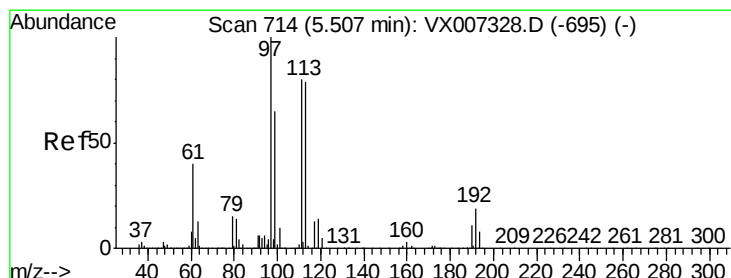
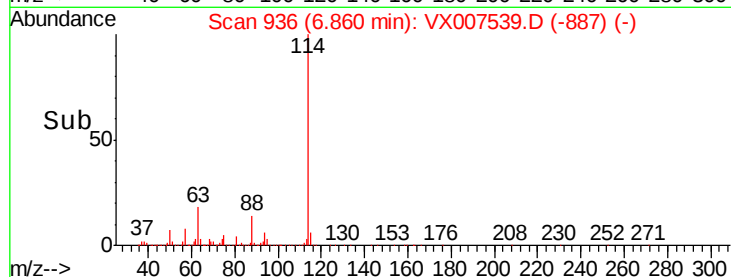
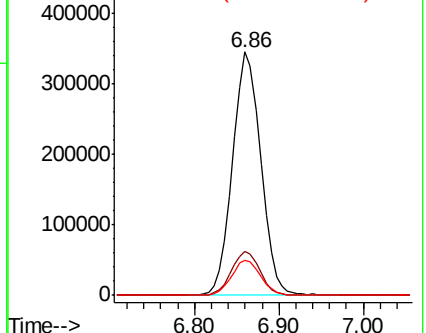
88 14.3 0.0 29.6



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: 51.061 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007539.D

Acq: 14 Feb 2019 12:22

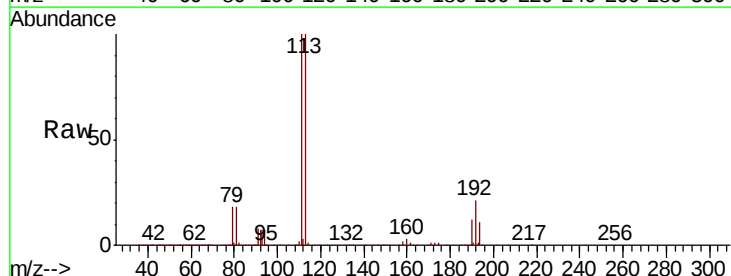
Tgt Ion:113 Resp: 260442

Ion Ratio Lower Upper

113 100

111 100.2 81.8 122.8

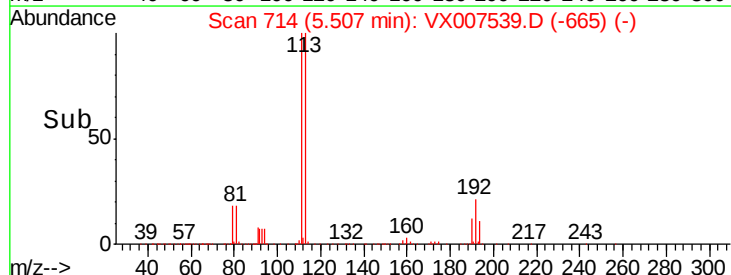
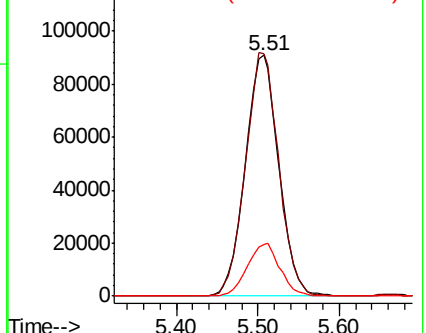
192 21.4 18.5 27.7

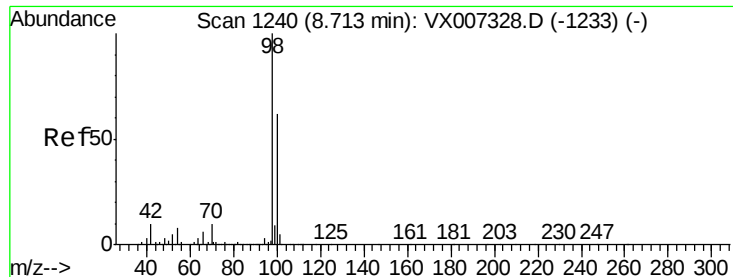


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

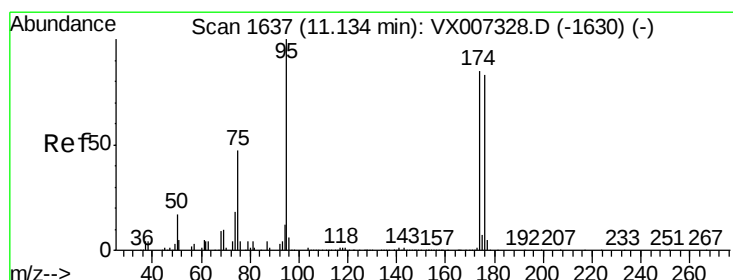
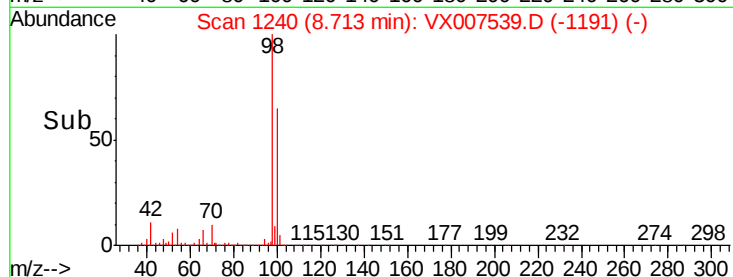
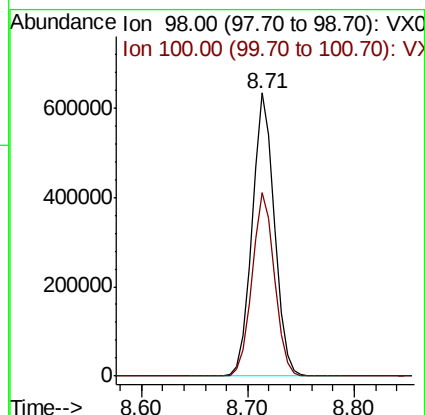
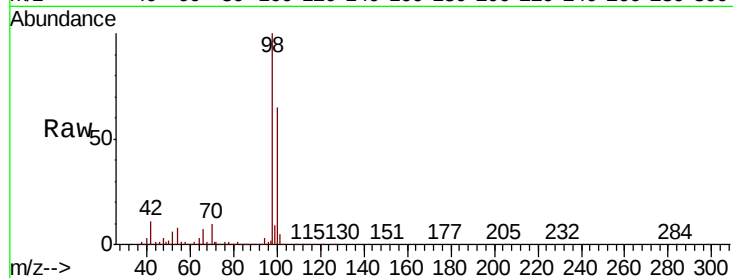




#50
Toluene-d8
Concen: 49.128 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

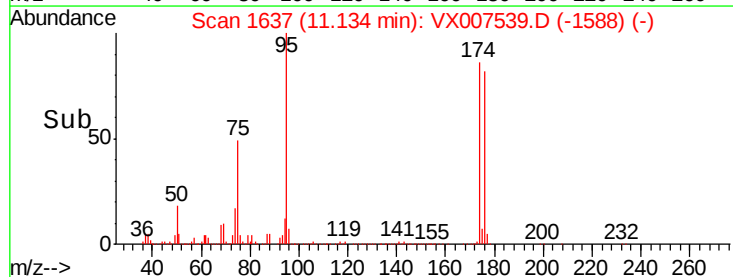
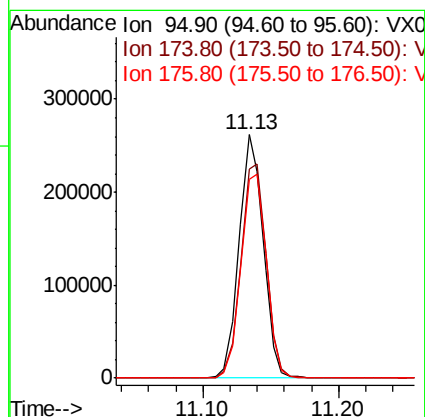
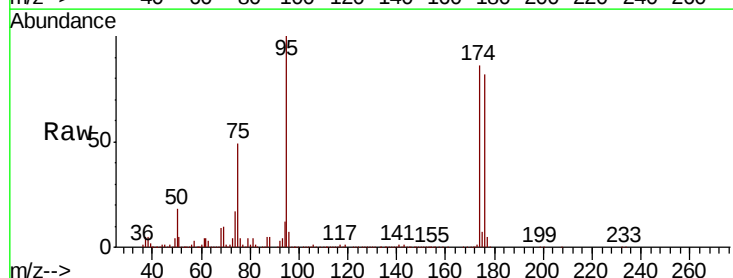
Instrument :
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ClientSampleId :
VX0215MBL01

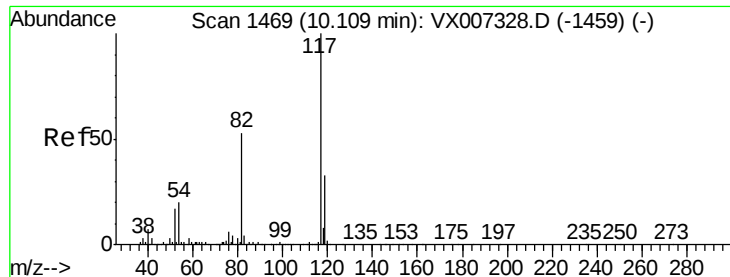
Tot Ion: 98 Resp: 929703
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.831 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

Tgt Ion: 95 Resp: 323561
Ion Ratio Lower Upper
95 100
174 92.4 0.0 189.2
176 89.0 0.0 186.2

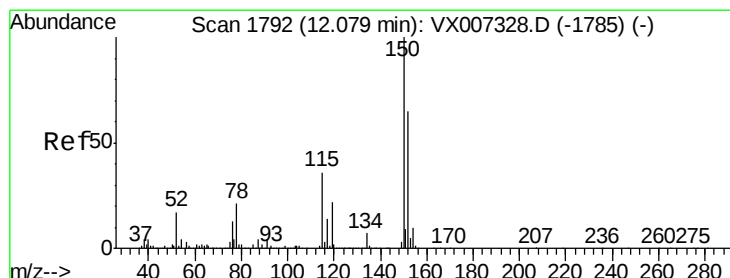
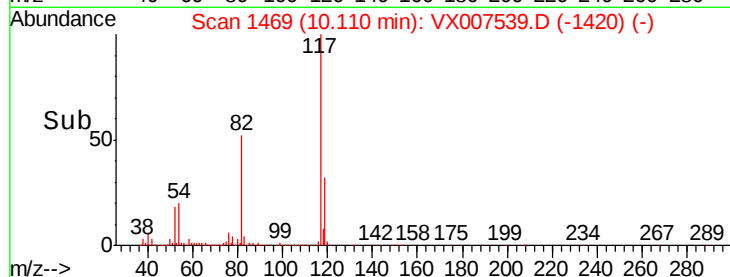
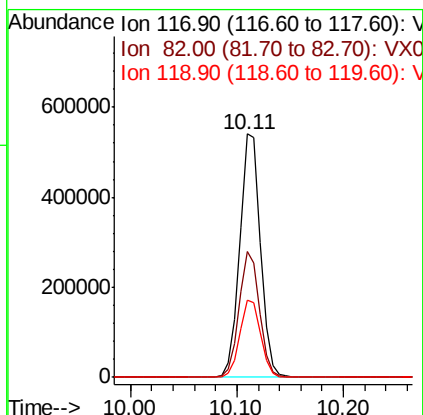
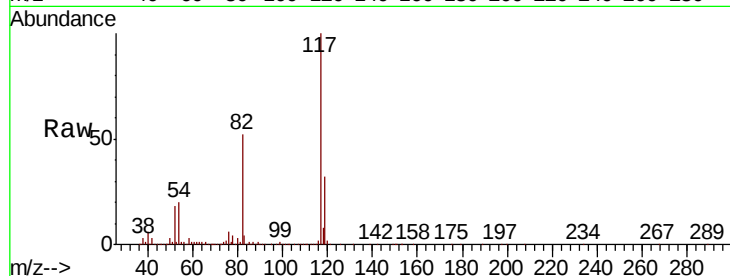




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0215MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.1	63.1
119	31.8	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: VX007539.D
Acq: 14 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	38.0	114.0
150	156.2	0.0	346.4

