

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007351.D
 Acq On : 04 Feb 2019 11:29
 Operator : JC/SP
 Sample : VX0204WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBL01

Quant Time: Feb 05 00:06:49 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	5.66	168	492445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	743791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	695595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334723	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	261220	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
35) Dibromofluoromethane	5.50	113	242052	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	8.71	98	888441	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	308336	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

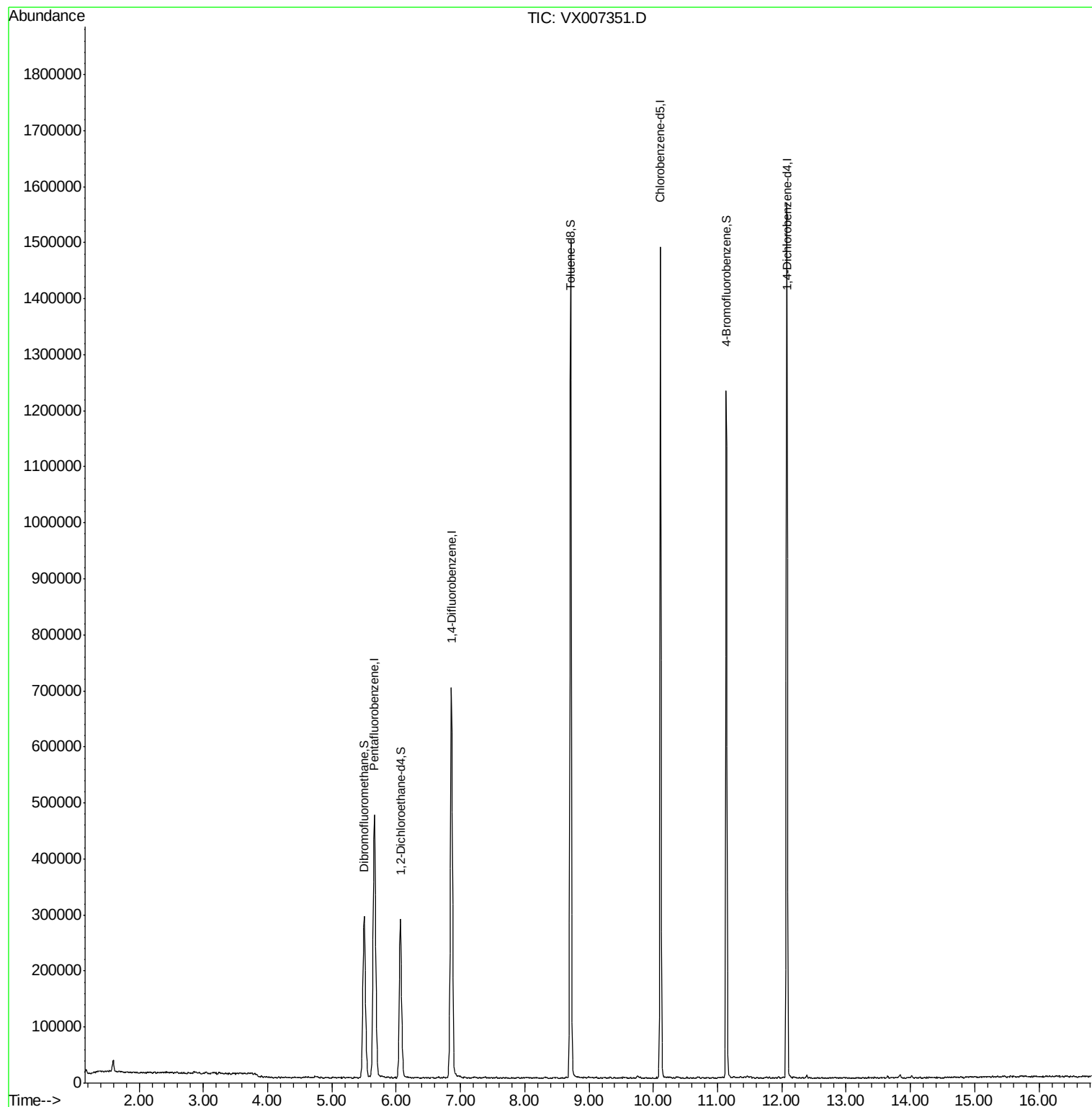
Target Compounds	Qvalue
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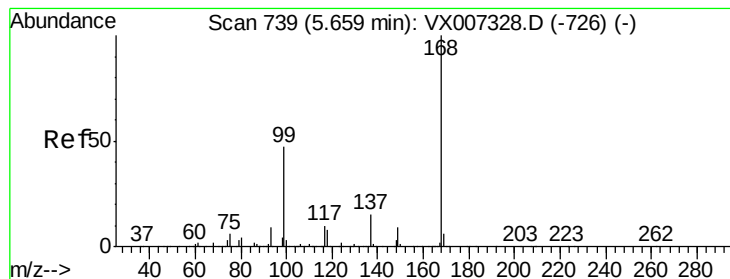
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007351.D

Acq: 04 Feb 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

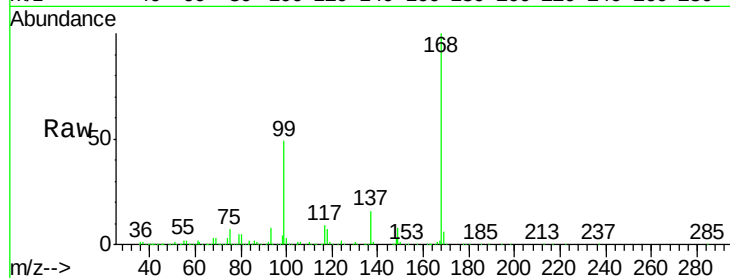
VX0204WBL01

Tot Ion:168 Resp: 492445

Ion Ratio Lower Upper

168 100

99 48.4 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

200000

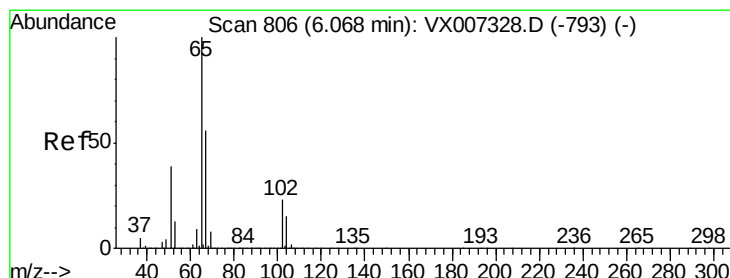
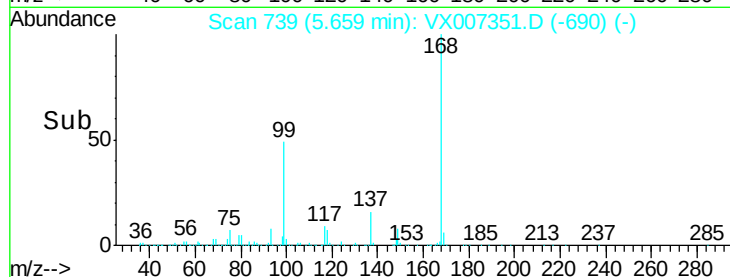
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.976 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007351.D

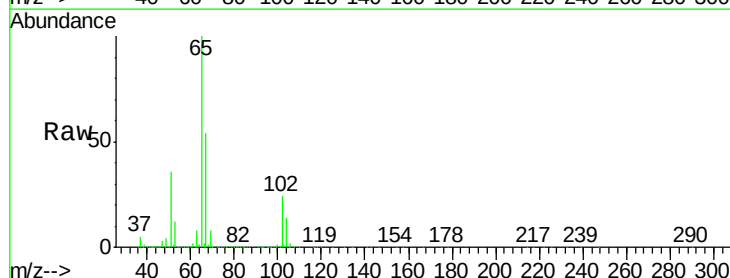
Acq: 04 Feb 2019 11:29

Tgt Ion: 65 Resp: 261220

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

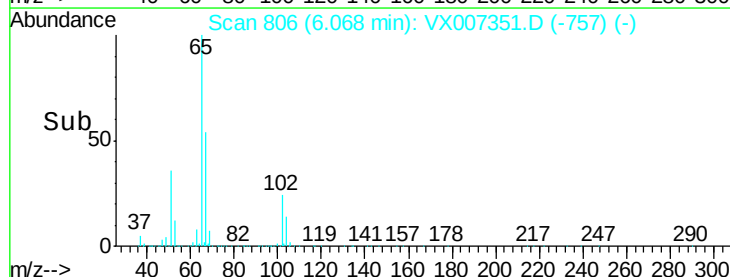
60000

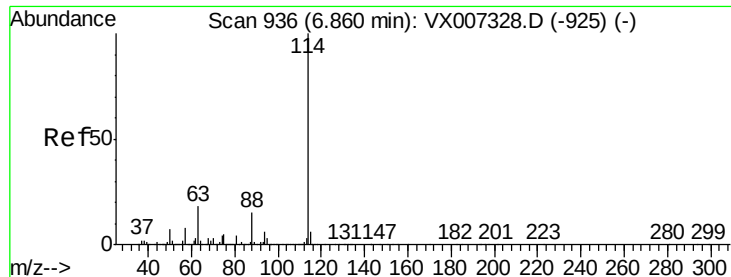
40000

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: VX007351.D

Acq: 04 Feb 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBL01

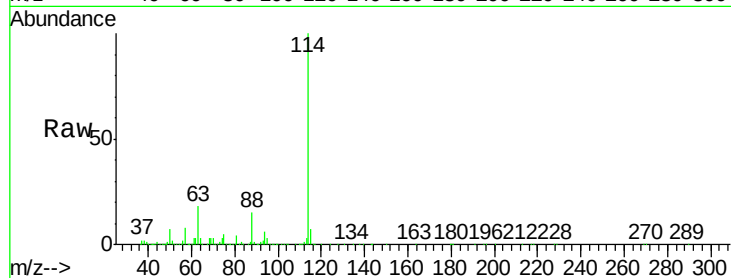
Tot Ion:114 Resp: 743791

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

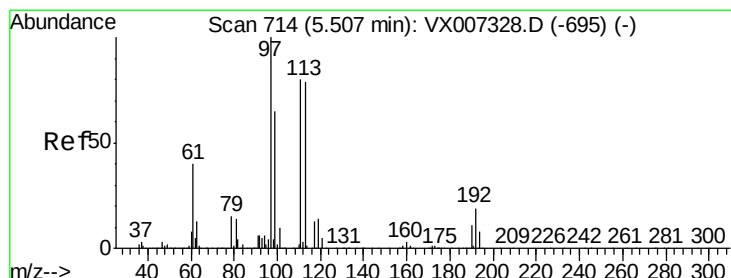
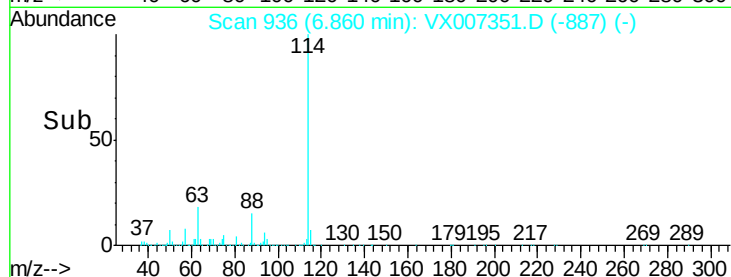
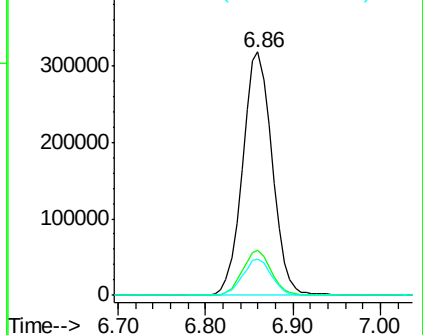
88 14.9 0.0 29.6



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: 50.015 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007351.D

Acq: 04 Feb 2019 11:29

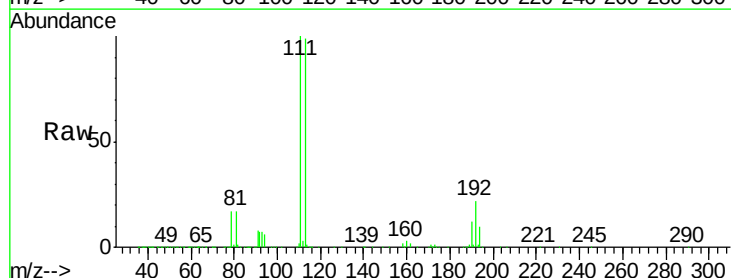
Tgt Ion:113 Resp: 242052

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

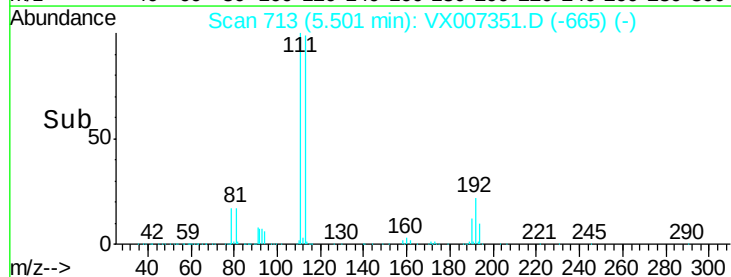
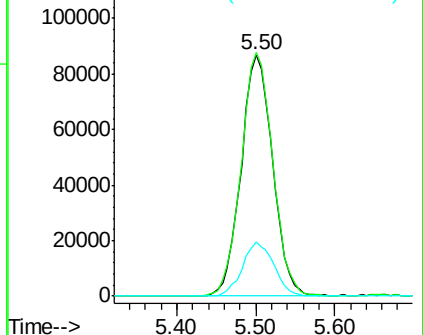
192 22.4 18.5 27.7

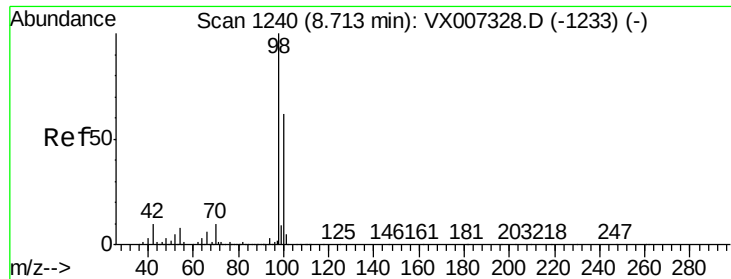


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

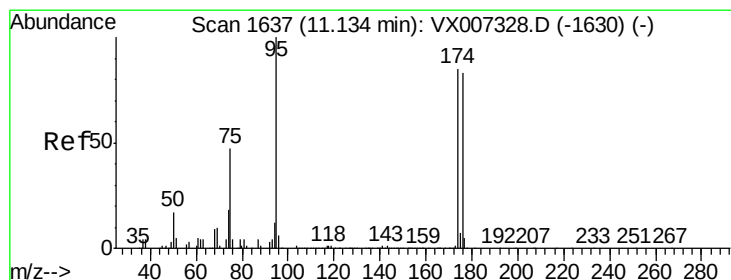
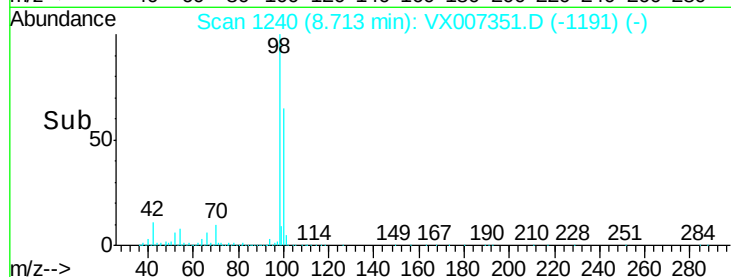
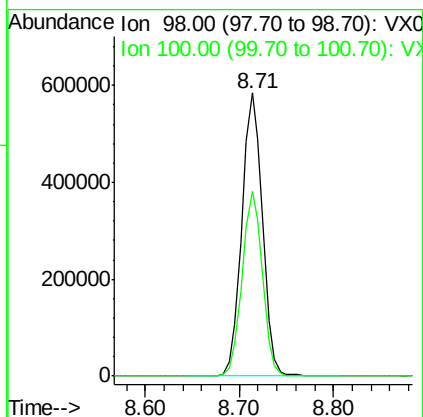
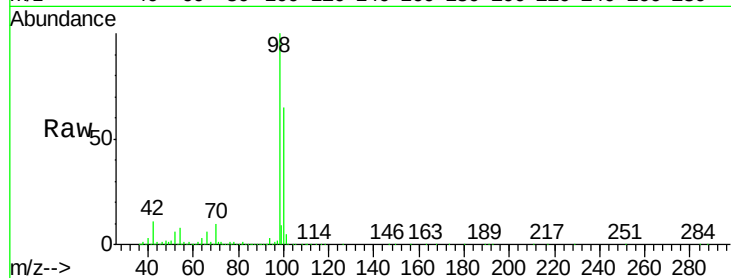




#50
Toluene-d8
Concen: 49.480 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007351.D
Acq: 04 Feb 2019 11:29

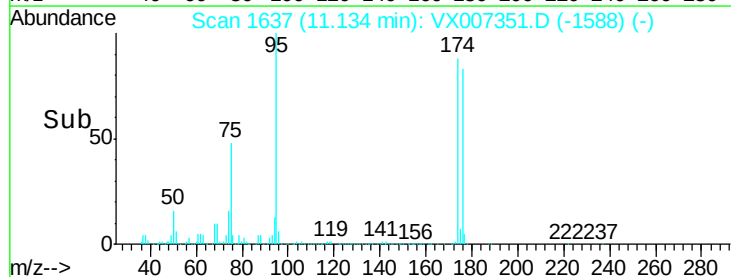
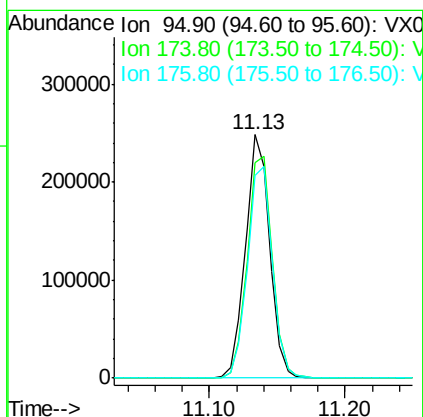
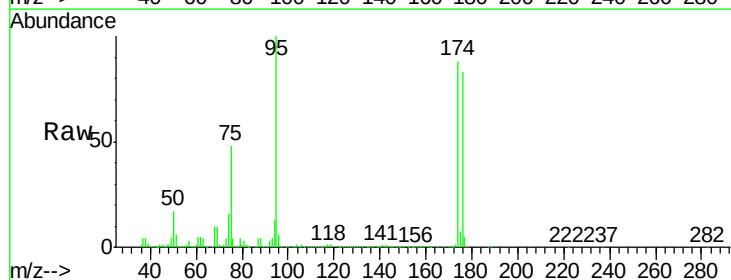
Instrument :
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VX0204WBL01

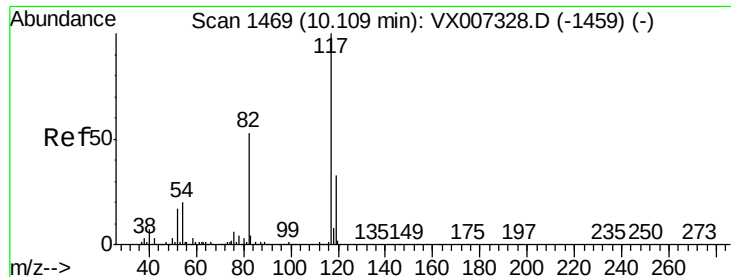
Tot Ion: 98 Resp: 888441
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.034 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007351.D
Acq: 04 Feb 2019 11:29

Tgt Ion: 95 Resp: 308336
Ion Ratio Lower Upper
95 100
174 95.0 0.0 189.2
176 90.2 0.0 186.2

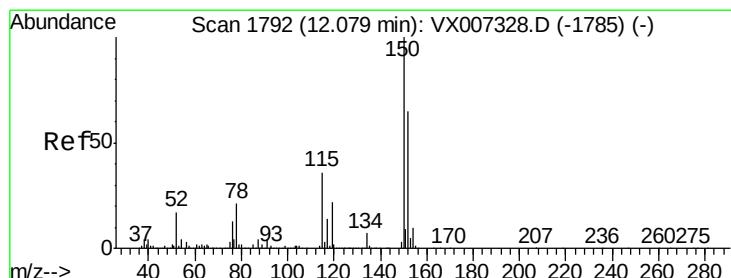
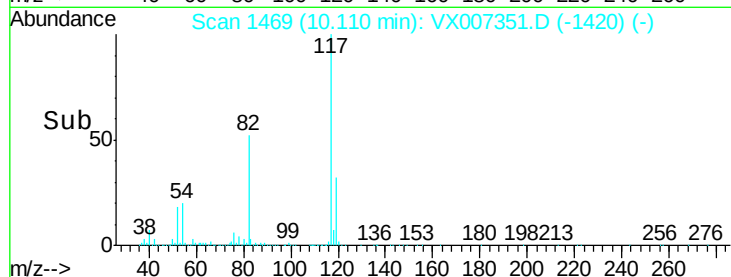
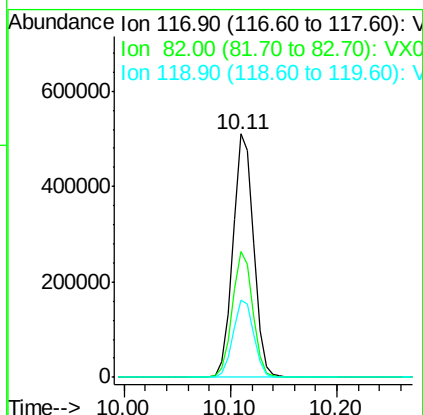
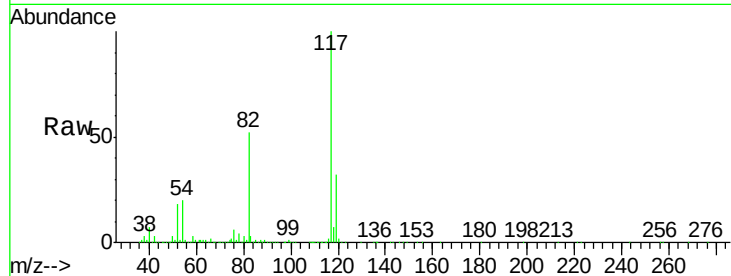




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007351.D
Acq: 04 Feb 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	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: VX007351.D
Acq: 04 Feb 2019 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.0	114.0
150	156.7	0.0	346.4

