

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014173.D
 Acq On : 20 Dec 2019 14:53
 Operator : JC/SP
 Sample : K6377-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Quant Time: Dec 21 06:07:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	569334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	867712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	777643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	342338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	311678	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	5.49	113	255939	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1021474	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	342603	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

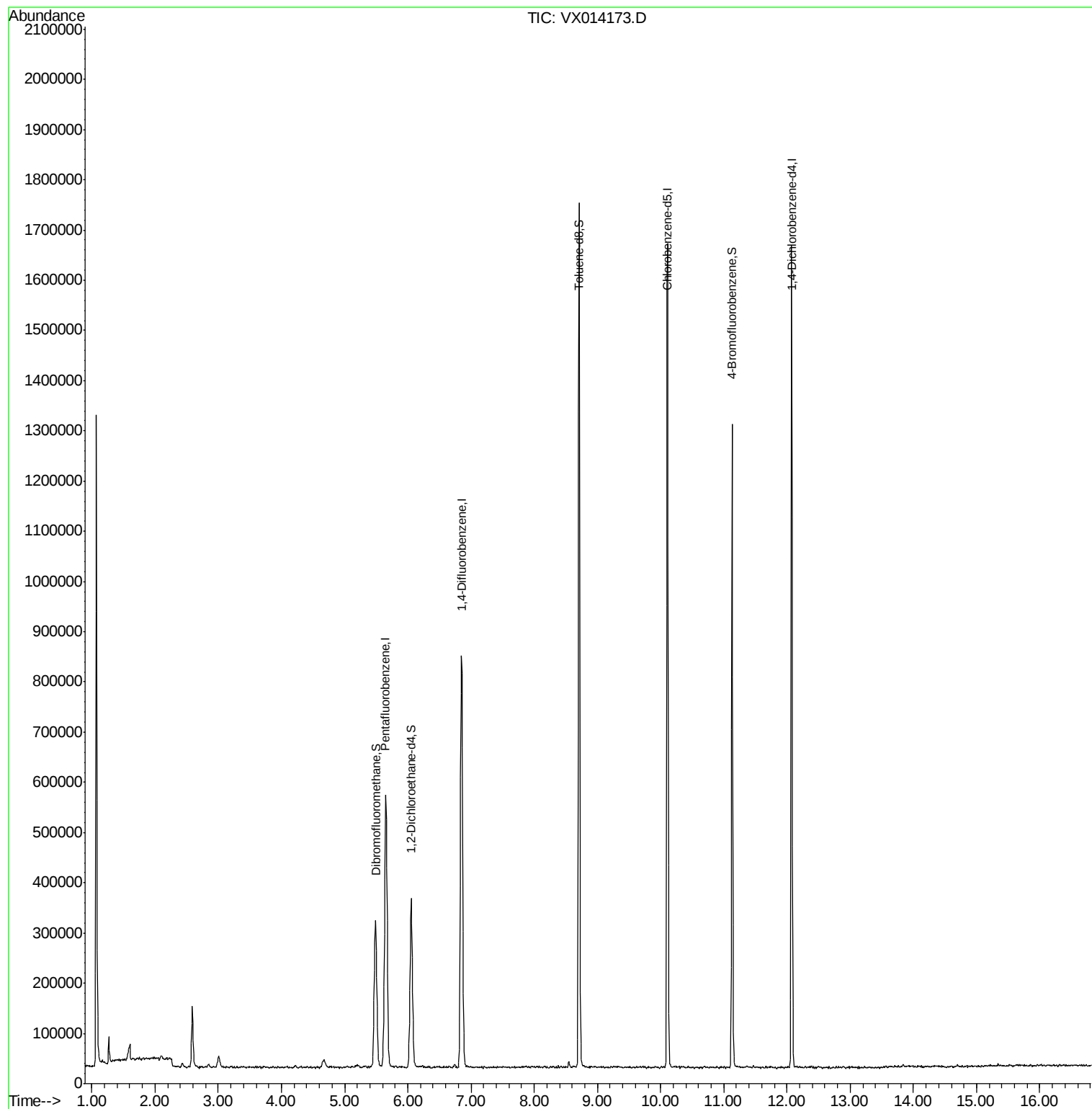
Target Compounds	Qvalue

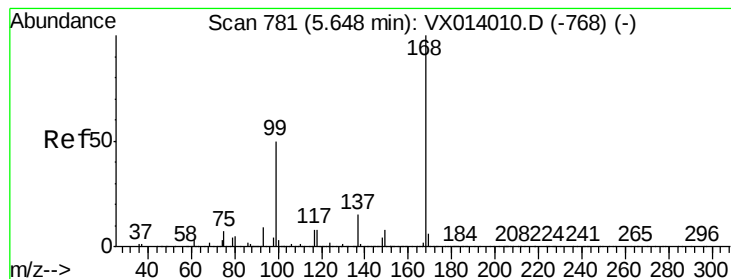
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014173.D

Acq: 20 Dec 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

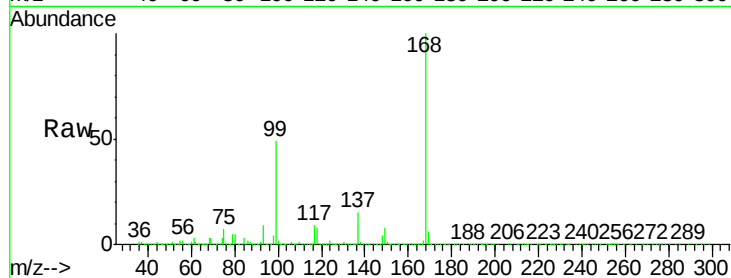
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Tot Ion:168 Resp: 569334

Ion Ratio Lower Upper

168 100

99 48.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

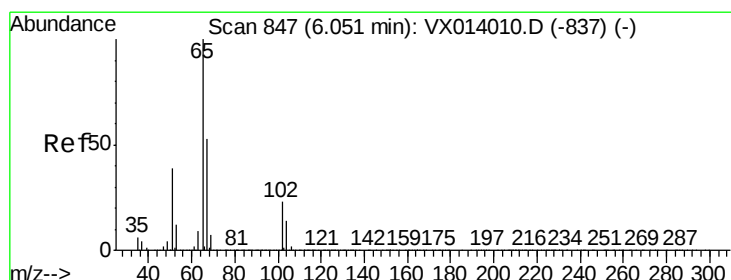
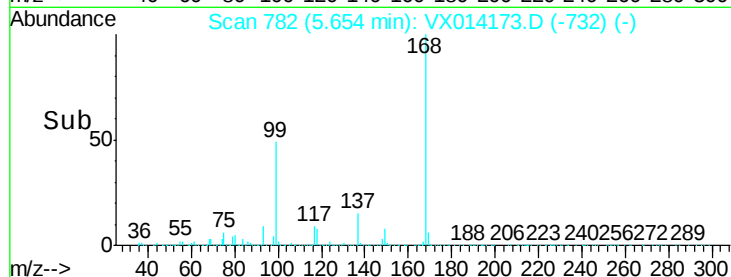
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.303 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014173.D

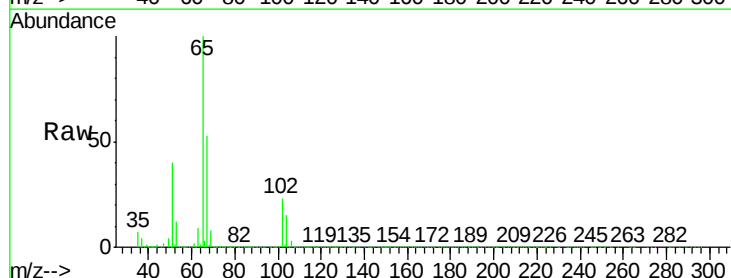
Acq: 20 Dec 2019 14:53

Tgt Ion: 65 Resp: 311678

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

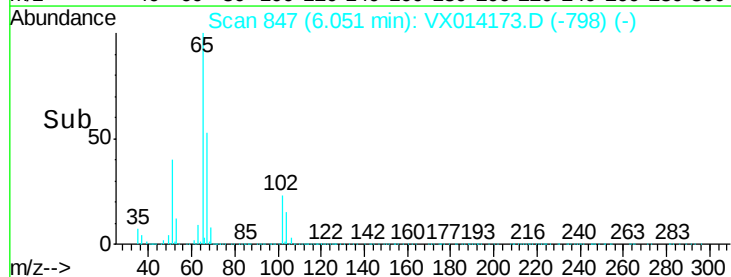
6.05

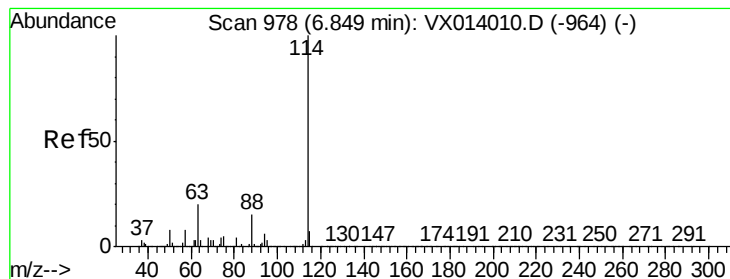
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014173.D

Acq: 20 Dec 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

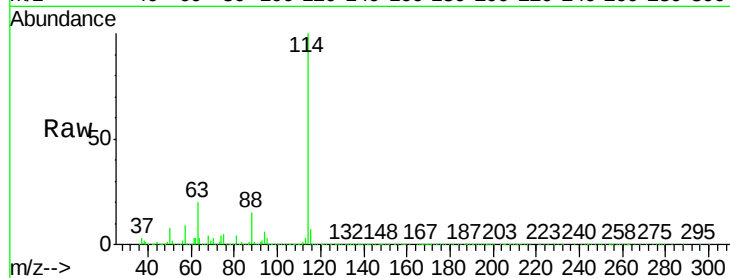
Tot Ion:114 Resp: 867712

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

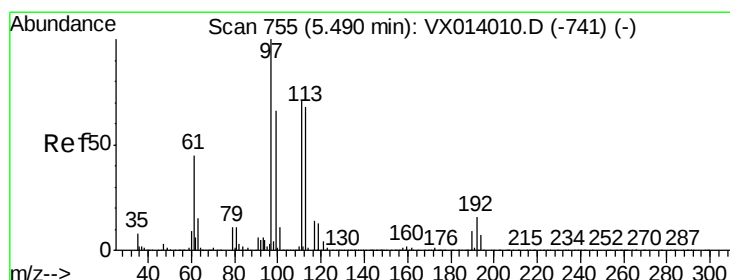
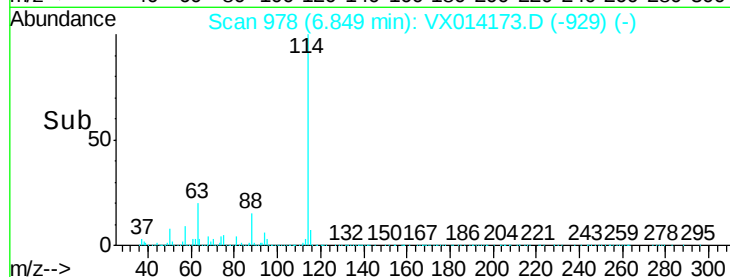
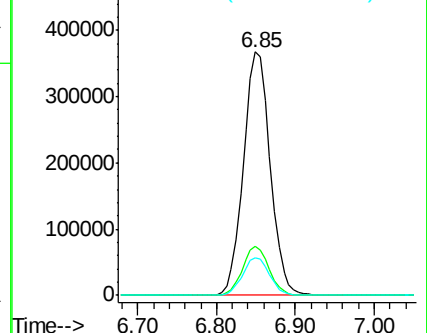
88 15.2 0.0 30.4



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: 48.522 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014173.D

Acq: 20 Dec 2019 14:53

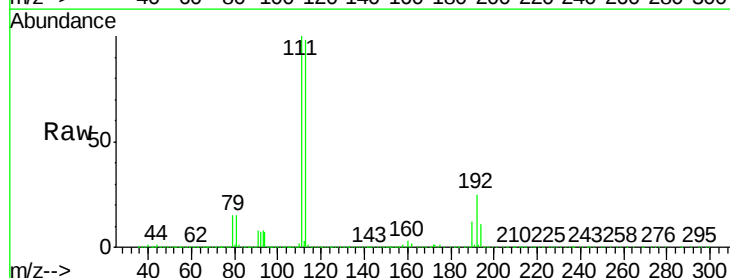
Tgt Ion:113 Resp: 255939

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

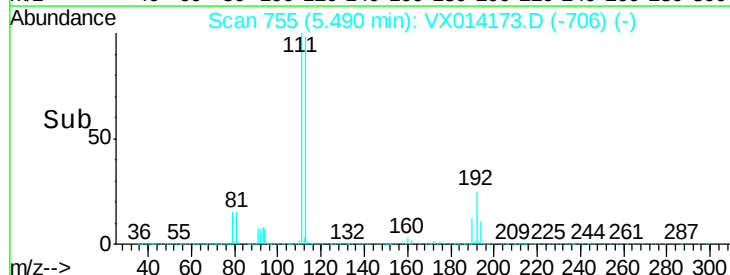
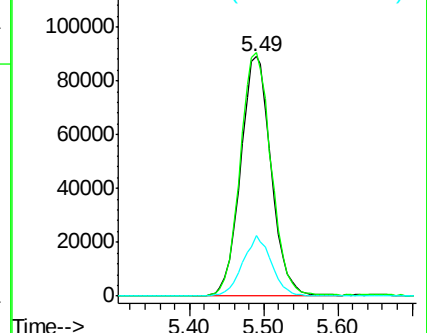
192 24.3 19.3 28.9



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: 49.741 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014173.D

Acq: 20 Dec 2019 14:53

Instrument :

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ClientSampleId :

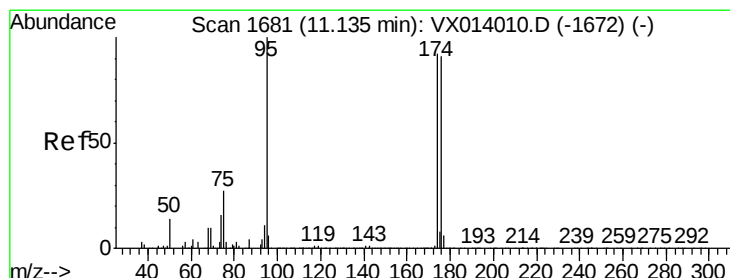
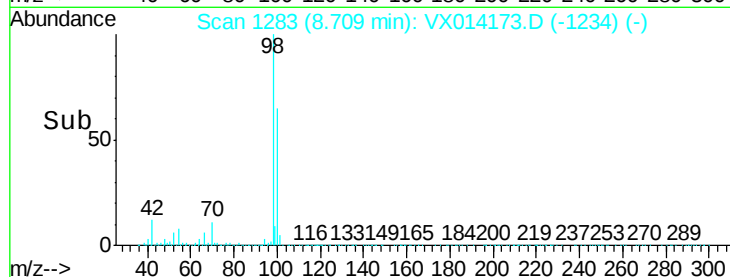
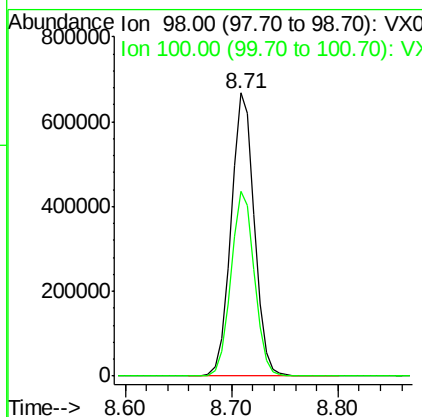
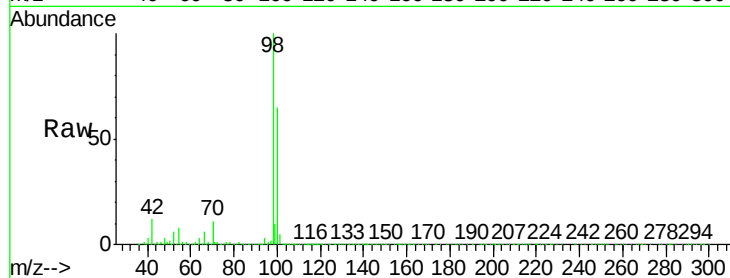
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Tot Ion: 98 Resp: 1021474

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.639 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014173.D

Acq: 20 Dec 2019 14:53

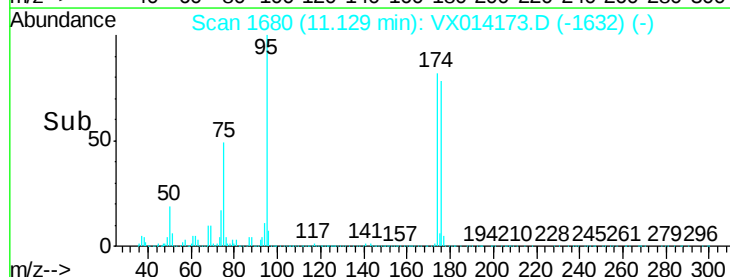
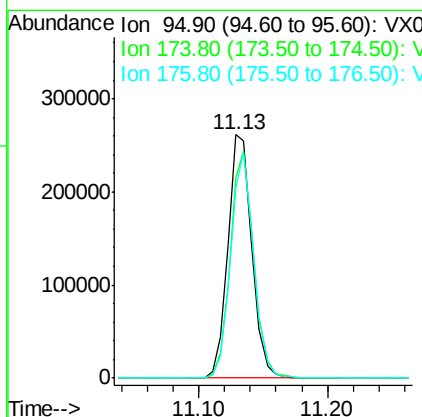
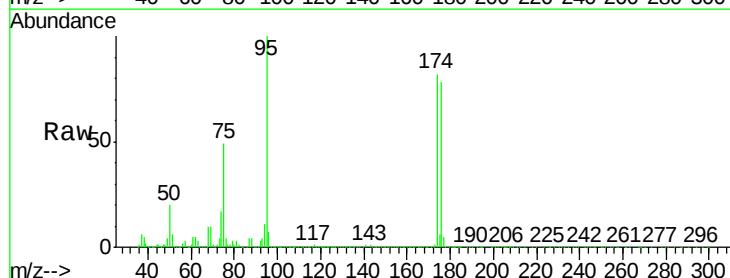
Tgt Ion: 95 Resp: 342603

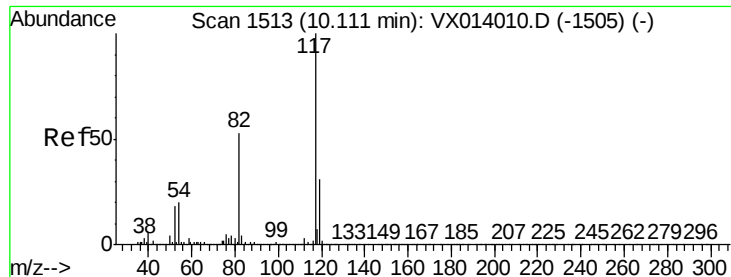
Ion Ratio Lower Upper

95 100

174 90.1 0.0 175.8

176 88.8 0.0 173.0

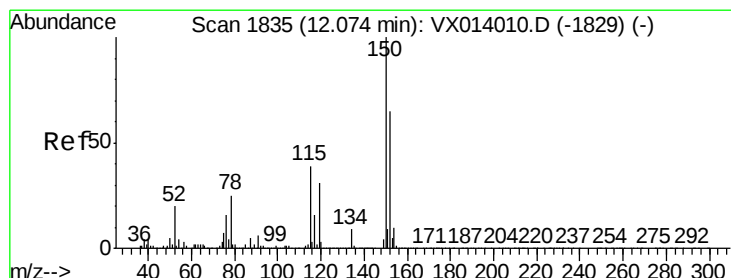
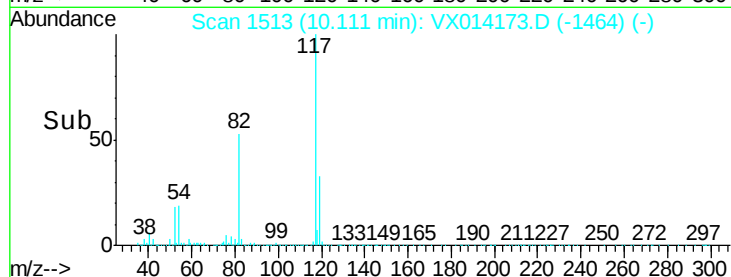
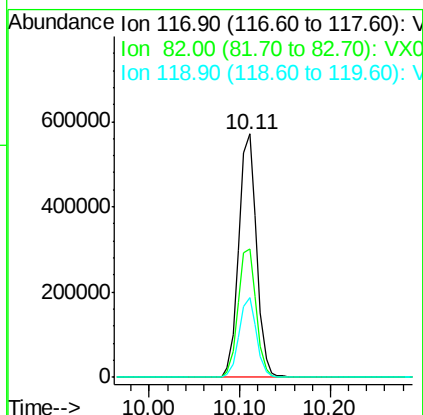
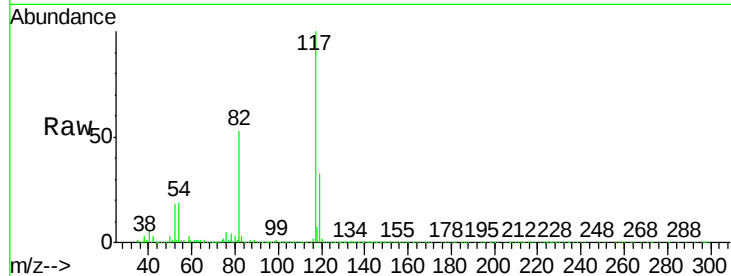




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014173.D
Acq: 20 Dec 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tot Ion:117 Resp: 777643
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014173.D
Acq: 20 Dec 2019 14:53

Tgt Ion:152 Resp: 342338
Ion Ratio Lower Upper
152 100
115 55.4 38.3 114.9
150 156.4 0.0 345.4

