

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012871.D
 Acq On : 08 Oct 2019 05:13
 Operator : JC/SP
 Sample : K5122-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-FMW3413

Quant Time: Oct 08 13:17:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

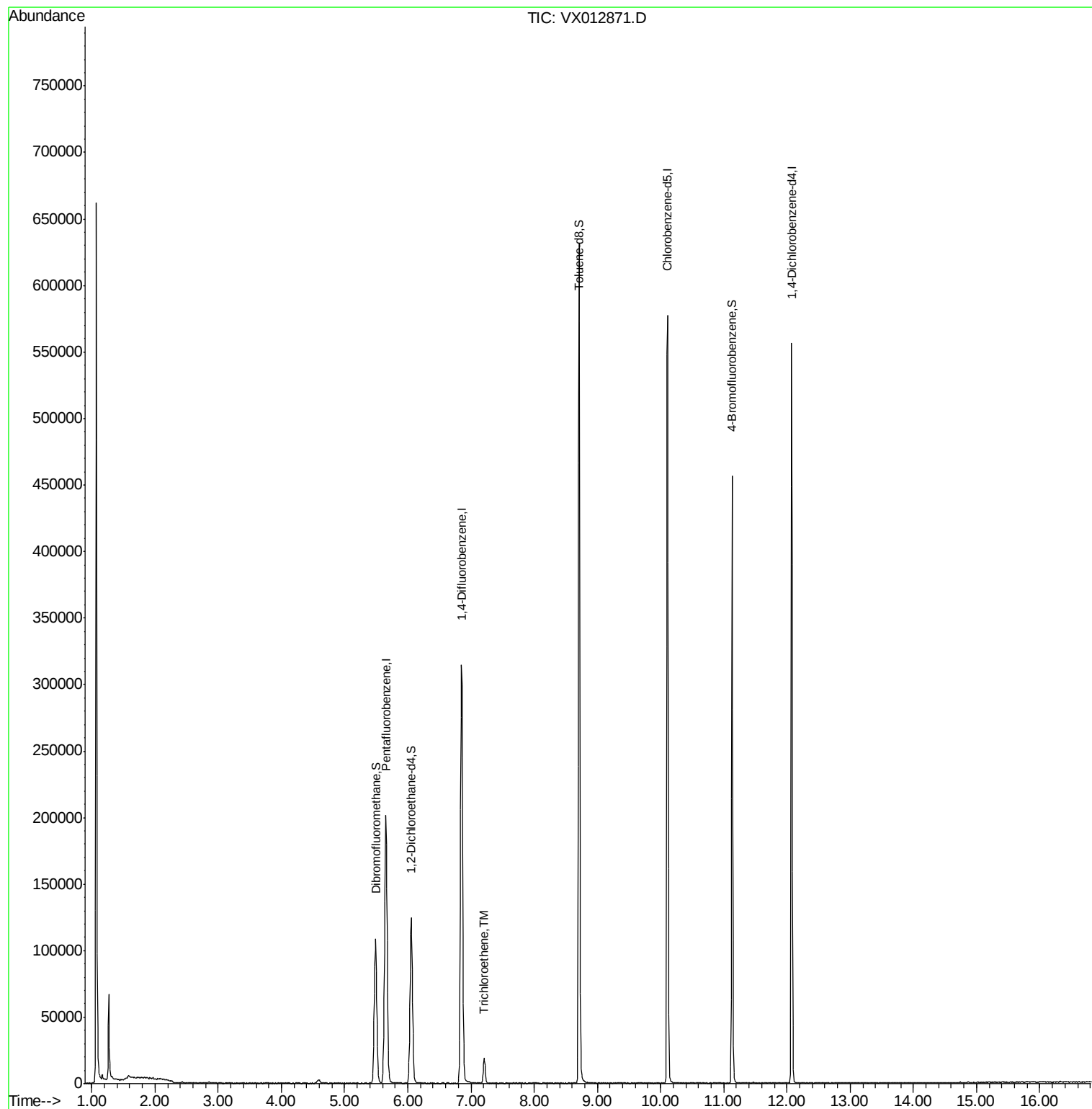
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	121416	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
35) Dibromofluoromethane	5.49	113	92173	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	368844	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.14	95	127910	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
44) Trichloroethene	7.21	130	7739	3.409	ug/l	Qvalue 95

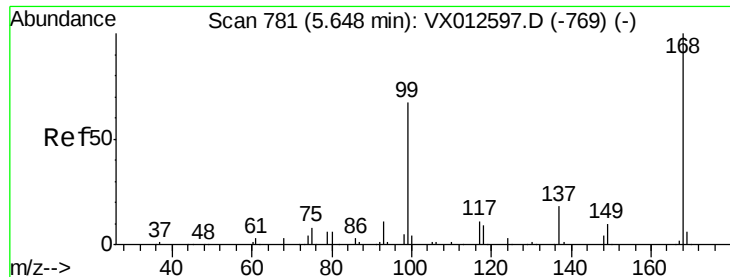
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012871.D

Acq: 08 Oct 2019 05:13

Instrument :

MSVOA_X

ClientSampleId :

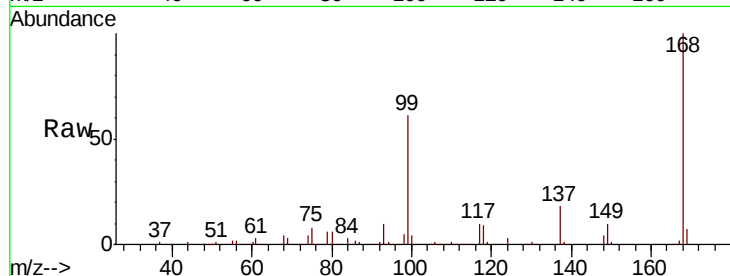
FA19-FMW3413

Tot Ion:168 Resp: 183664

Ion Ratio Lower Upper

168 100

99 60.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

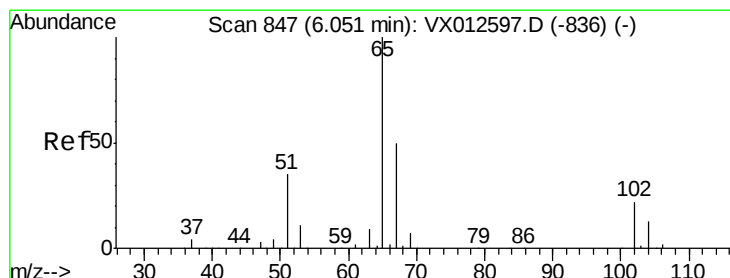
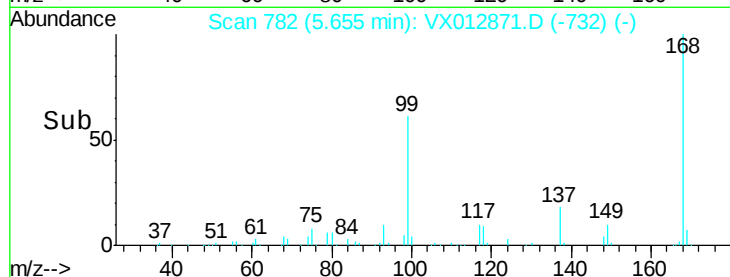
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.398 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012871.D

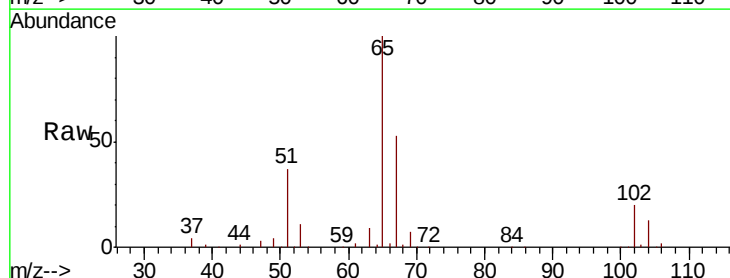
Acq: 08 Oct 2019 05:13

Tgt Ion: 65 Resp: 121416

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

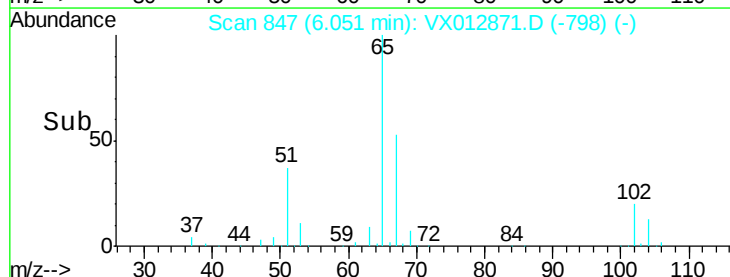
30000

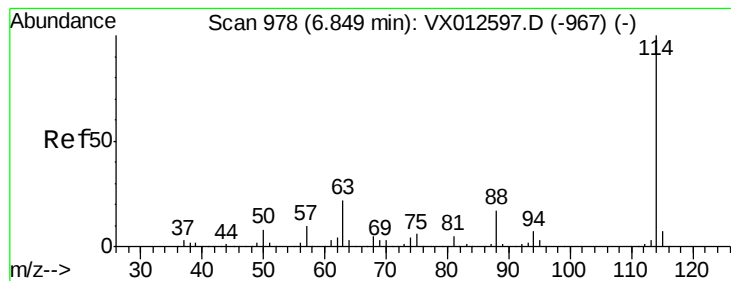
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012871.D

Acq: 08 Oct 2019 05:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-FMW3413

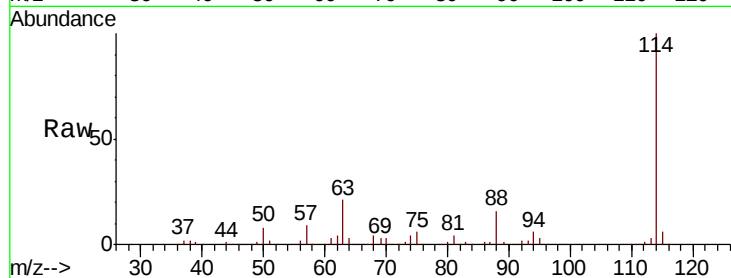
Tot Ion:114 Resp: 313153

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

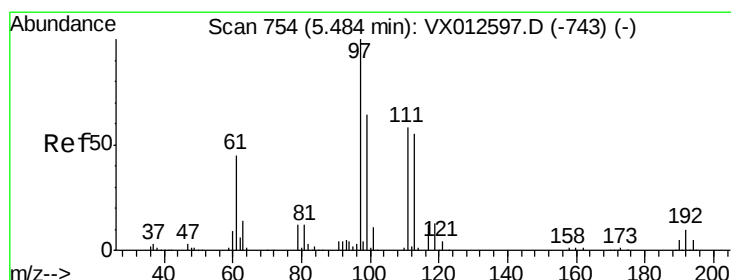
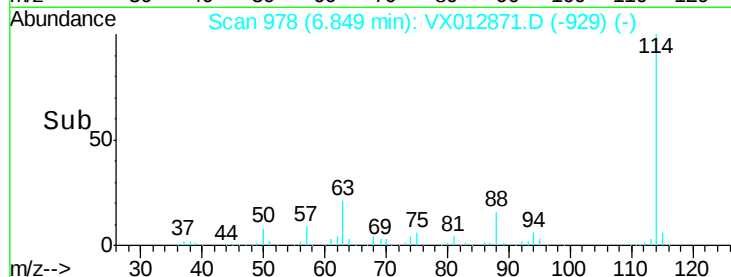
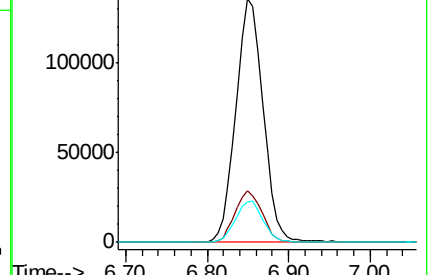
88 16.4 0.0 33.2



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: 49.424 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012871.D

Acq: 08 Oct 2019 05:13

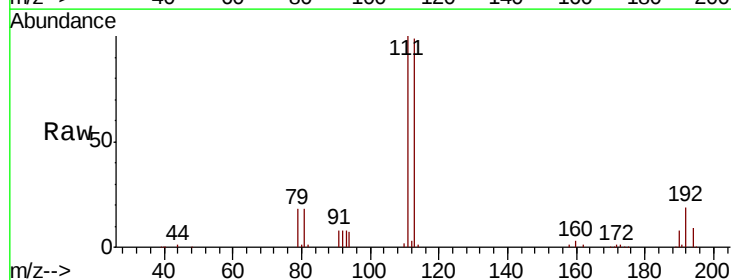
Tgt Ion:113 Resp: 92173

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

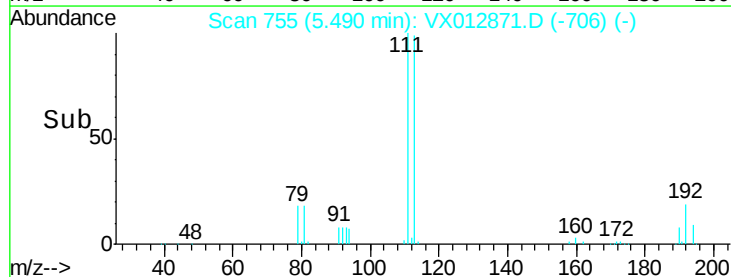
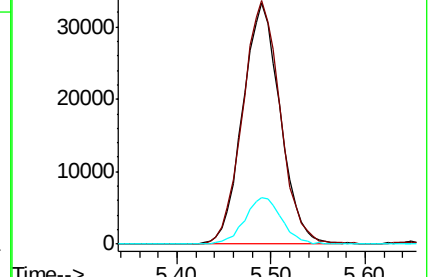
192 19.0 14.4 21.6

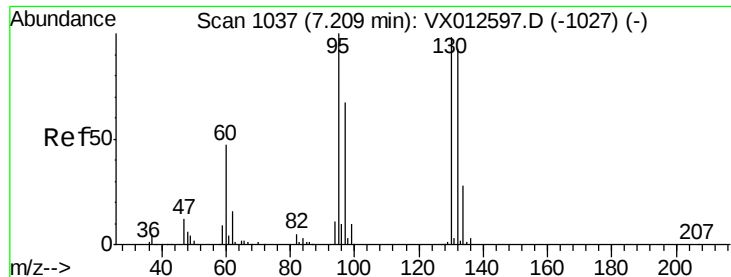


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.409 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012871.D

Acq: 08 Oct 2019 05:13

Instrument :

MSVOA_X

ClientSampleId :

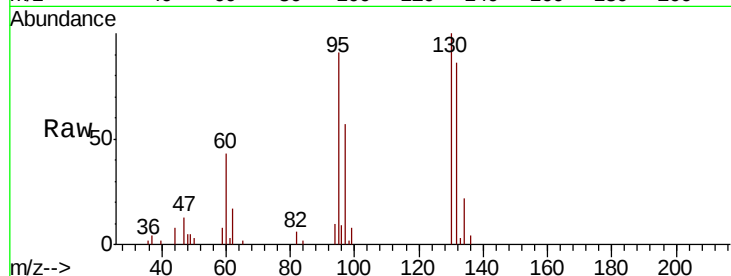
FA19-FMW3413

Tot Ion:130 Resp: 7739

Ion Ratio Lower Upper

130 100

95 91.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

4000

3000

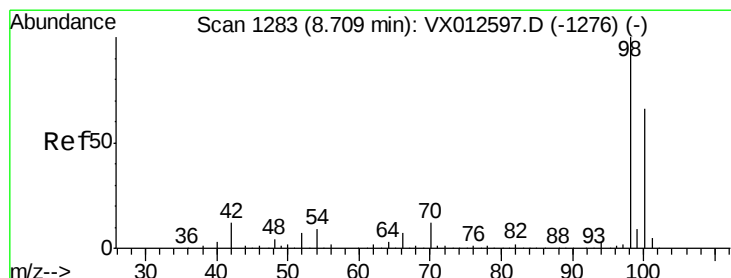
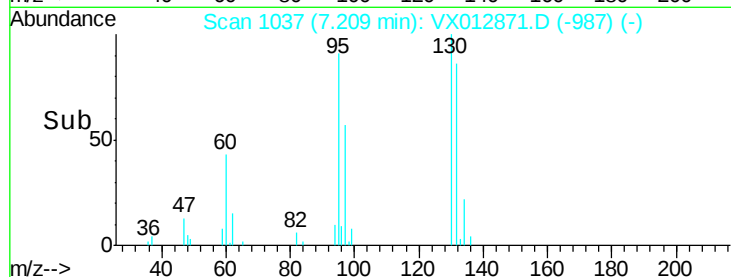
2000

1000

0

Time-->

7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 51.356 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012871.D

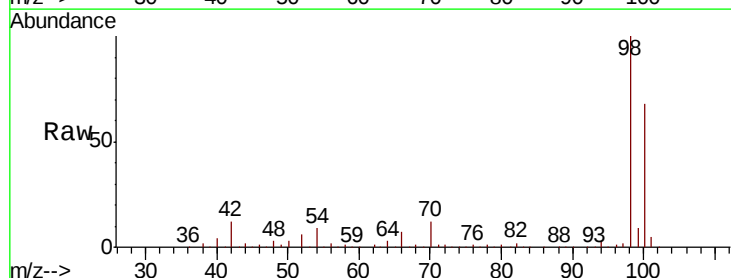
Acq: 08 Oct 2019 05:13

Tgt Ion: 98 Resp: 368844

Ion Ratio Lower Upper

98 100

100 67.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

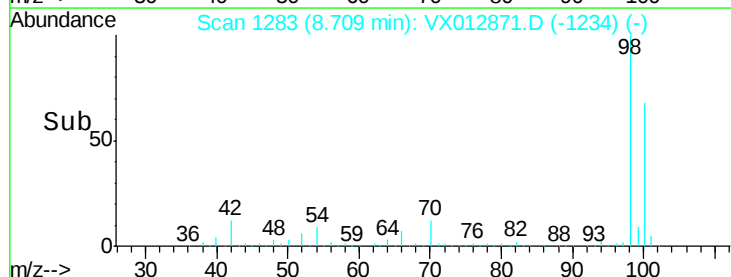
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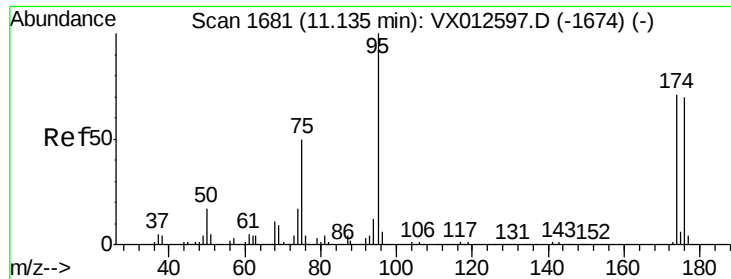
50000

0

Time-->

8.60 8.70 8.80

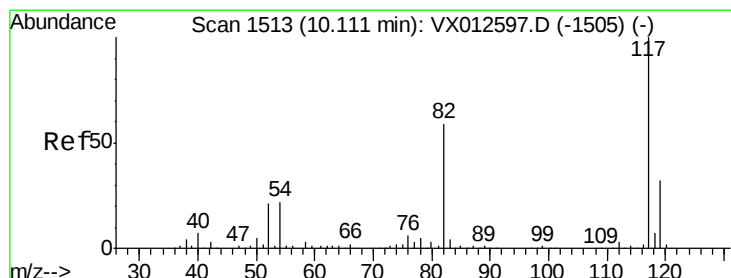
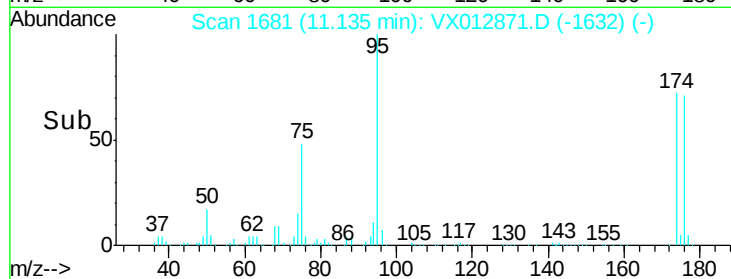
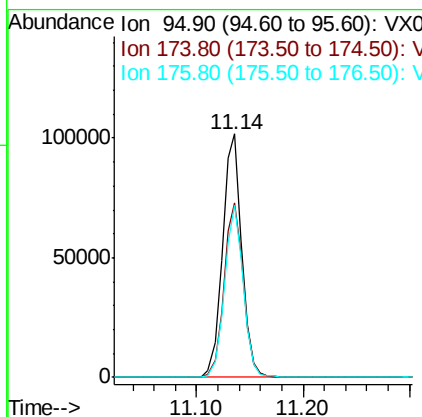
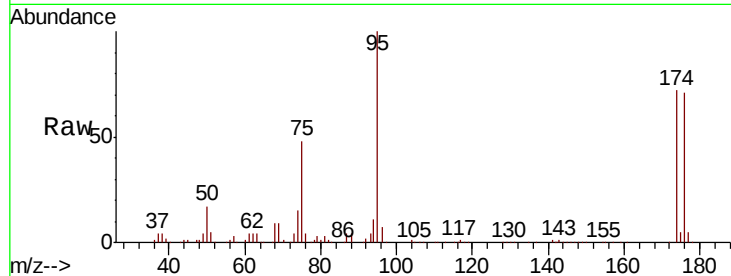




#62
4-Bromofluorobenzene
Concen: 45.294 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012871.D
Acq: 08 Oct 2019 05:13

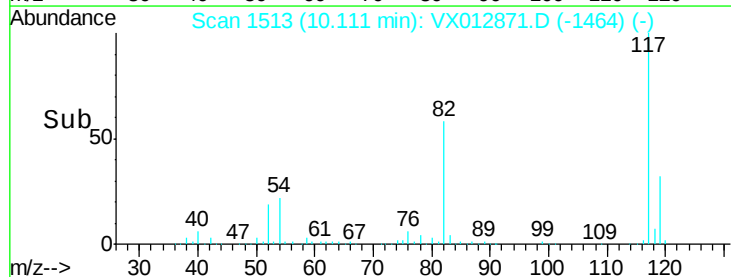
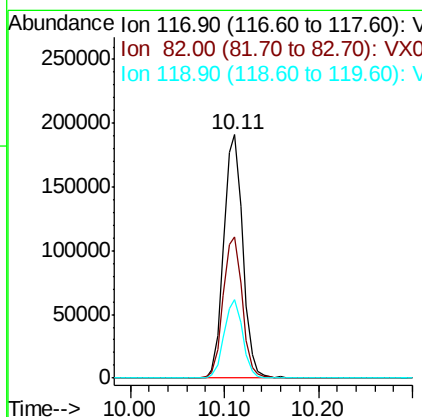
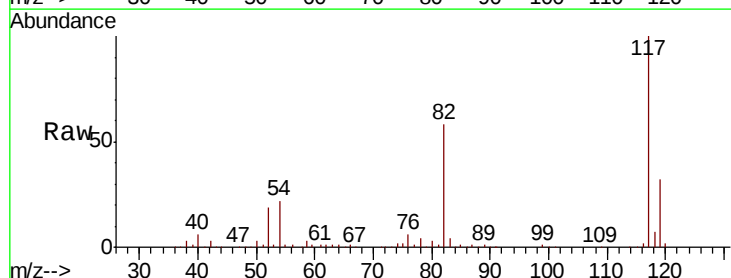
Instrument :
MSVOA_X
ClientSampled :
FA19-FMW3413

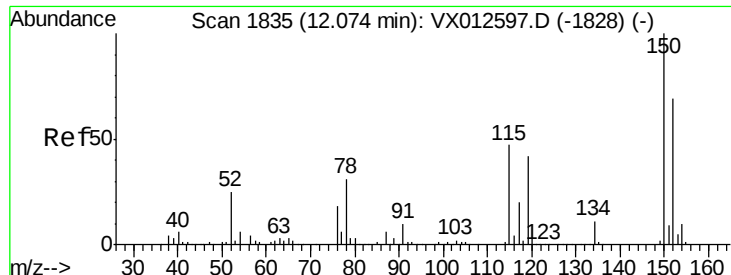
Tot Ion: 95 Resp: 127910
Ion Ratio Lower Upper
95 100
174 72.2 0.0 140.0
176 68.9 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012871.D
Acq: 08 Oct 2019 05:13

Tgt Ion: 117 Resp: 267711
Ion Ratio Lower Upper
117 100
82 57.7 45.9 68.9
119 32.5 25.3 37.9

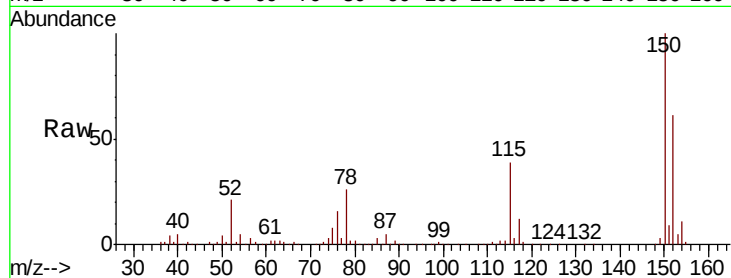




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012871.D
 Acq: 08 Oct 2019 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-FMW3413

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.1	132.3
150	158.6	0.0	343.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

