

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012861.D
 Acq On : 08 Oct 2019 01:19
 Operator : JC/SP
 Sample : K5232-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1CSS-TB1

Quant Time: Oct 08 13:00:45 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	180333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118584	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.49	113	90752	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	8.71	98	362963	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.13	95	127655	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

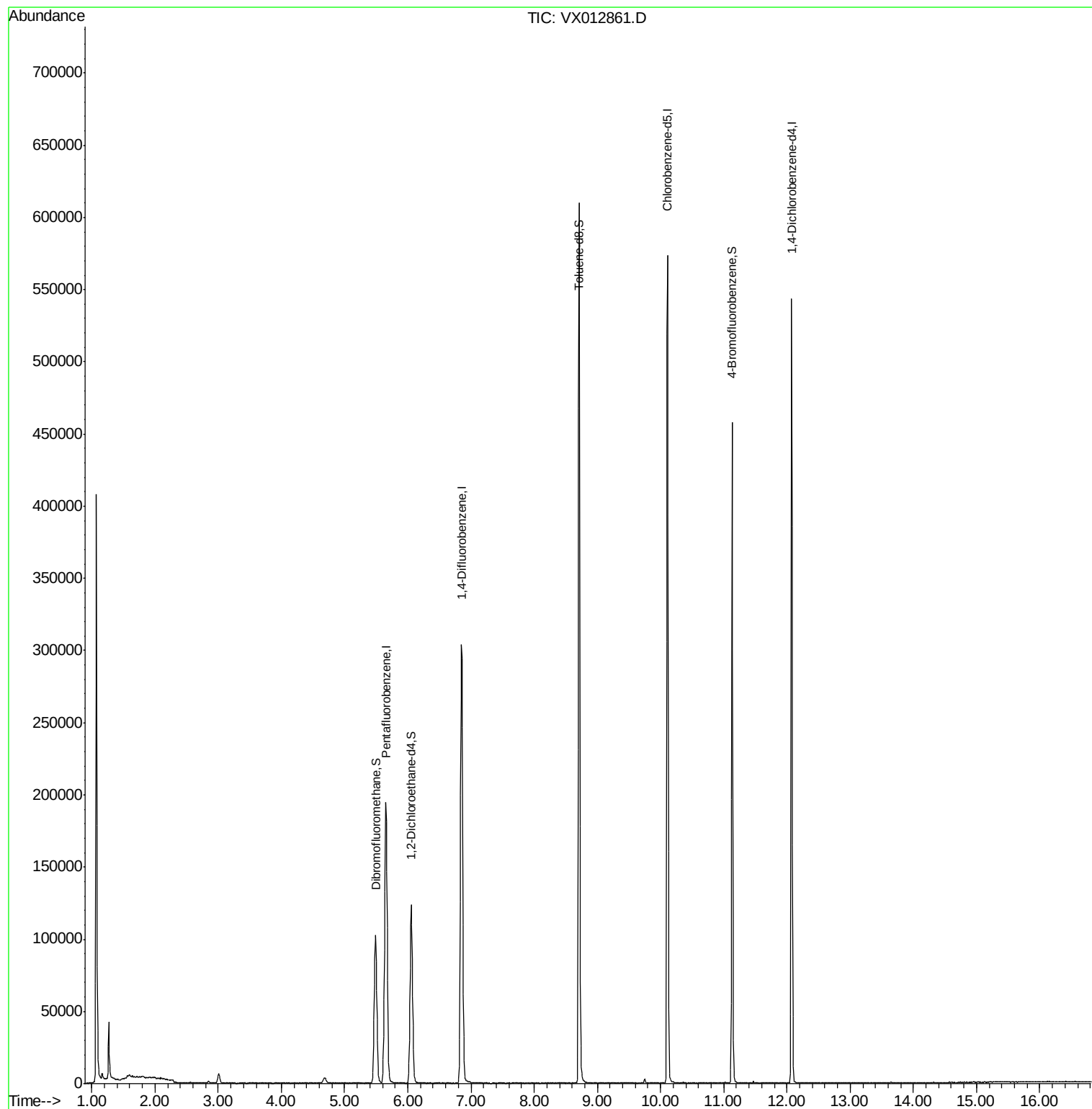
Target Compounds	Qvalue

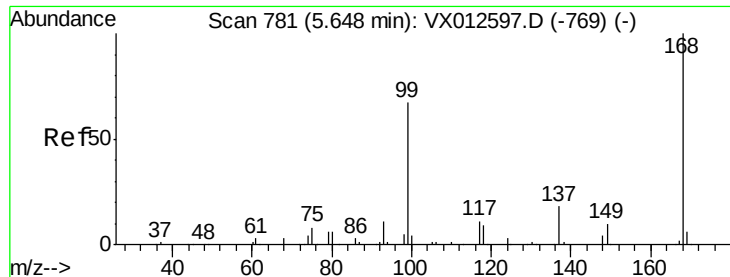
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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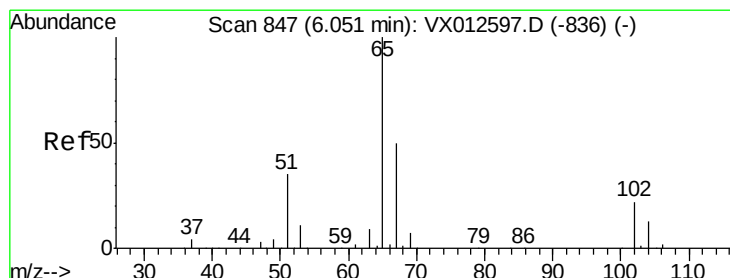
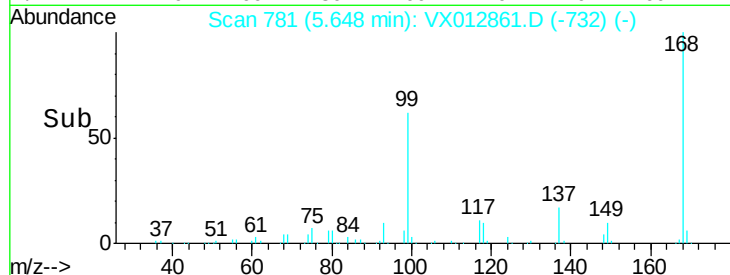
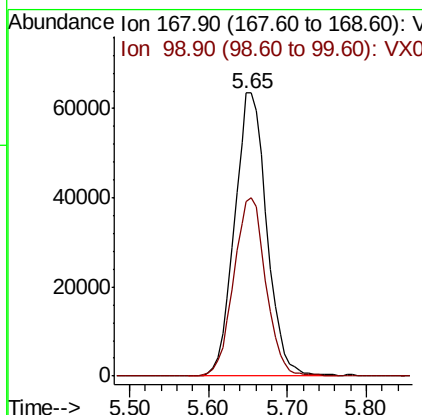
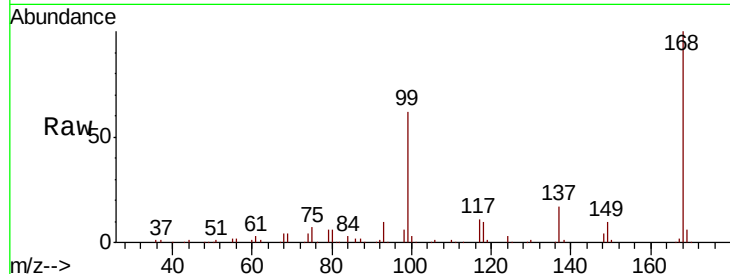




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012861.D
Acq: 08 Oct 2019 01:19

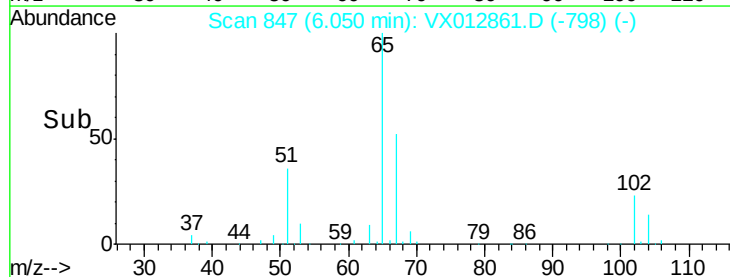
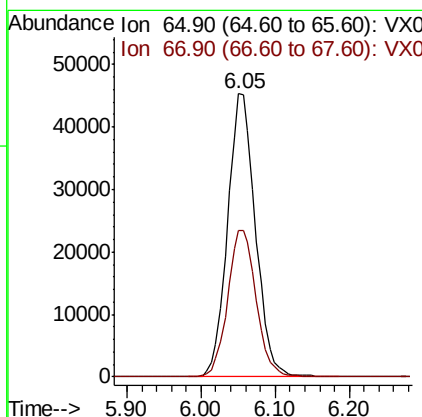
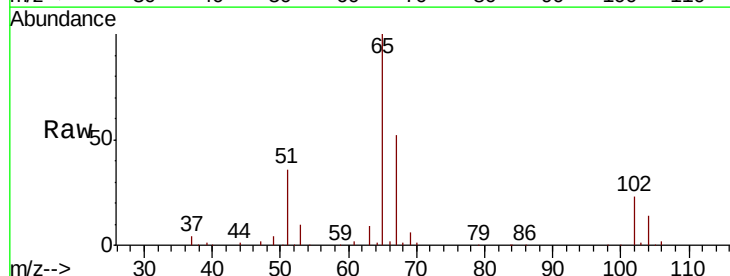
Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1CSS-TB1

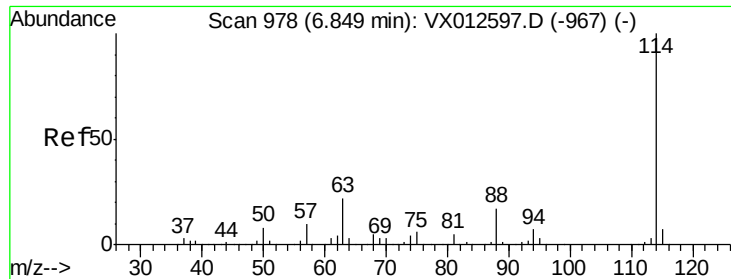
Tot Ion:168 Resp: 180333
Ion Ratio Lower Upper
168 100
99 61.7 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 45.158 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012861.D
Acq: 08 Oct 2019 01:19

Tgt Ion: 65 Resp: 118584
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.2

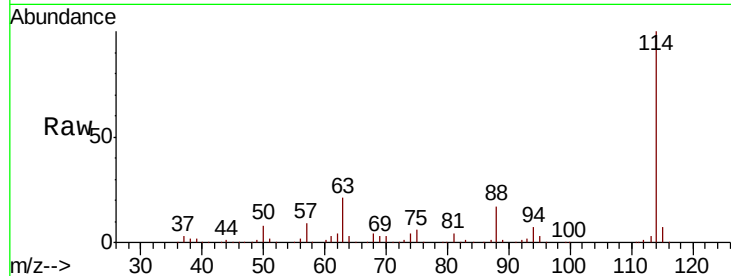




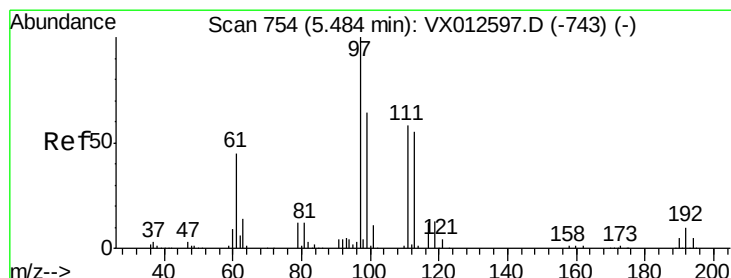
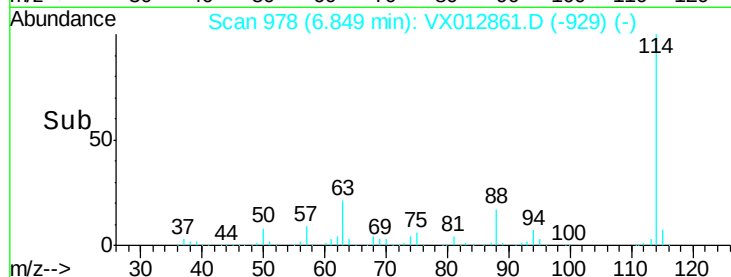
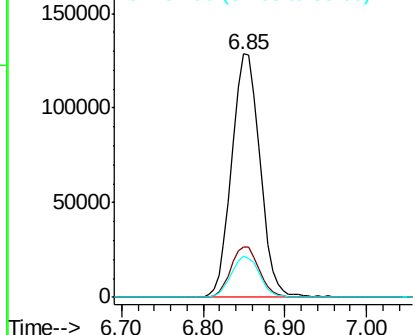
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012861.D
 Acq: 08 Oct 2019 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1CSS-TB1

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	17.2	0.0	33.2

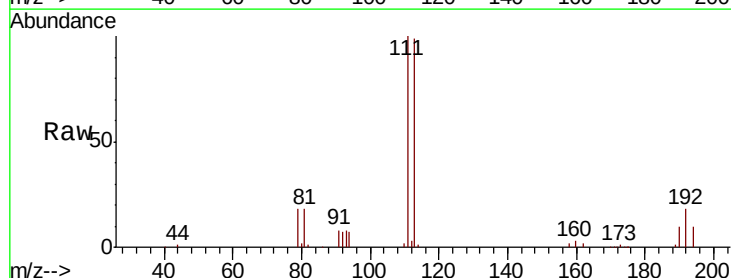


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

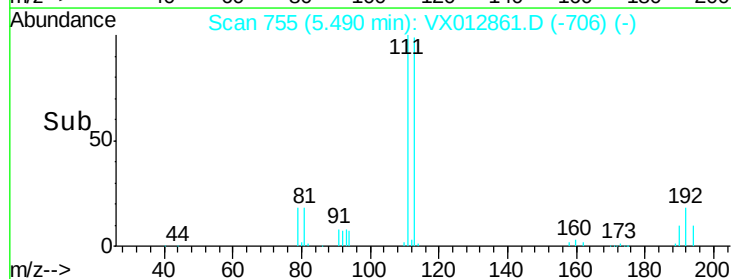
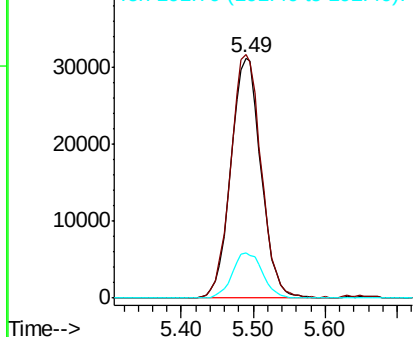


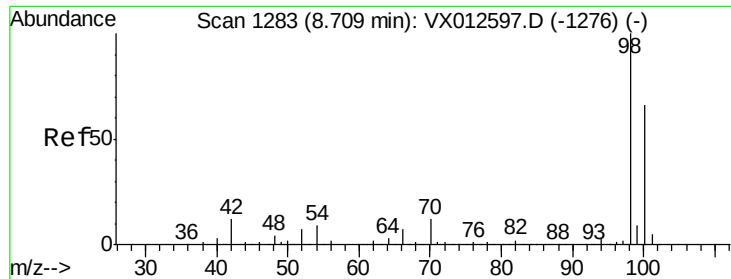
#35
 Dibromofluoromethane
 Concen: 49.373 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012861.D
 Acq: 08 Oct 2019 01:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	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





#50

Toluene-d8

Concen: 51.277 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012861.D

Acq: 08 Oct 2019 01:19

Instrument :

MSVOA_X

ClientSampleId :

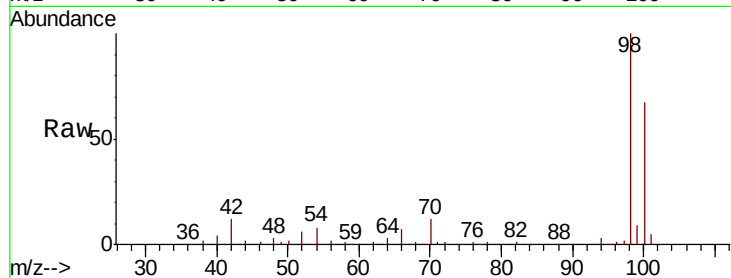
FA19-GMZ1CSS-TB1

Tot Ion: 98 Resp: 362963

Ion Ratio Lower Upper

98 100

100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

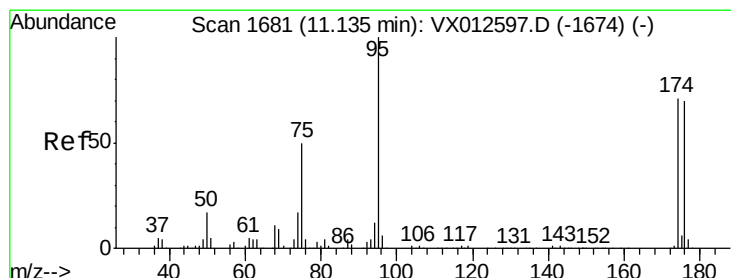
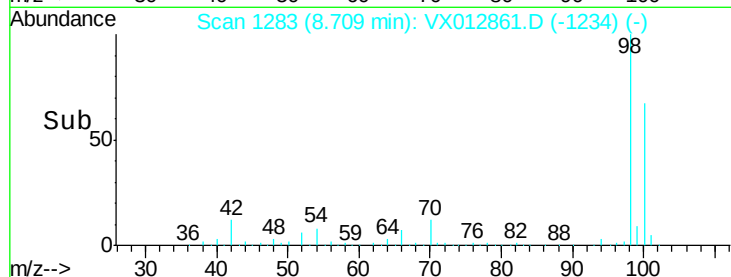
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 45.865 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012861.D

Acq: 08 Oct 2019 01:19

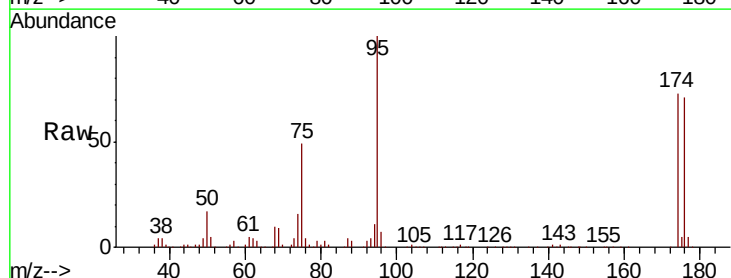
Tgt Ion: 95 Resp: 127655

Ion Ratio Lower Upper

95 100

174 69.5 0.0 140.0

176 68.3 0.0 135.4



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

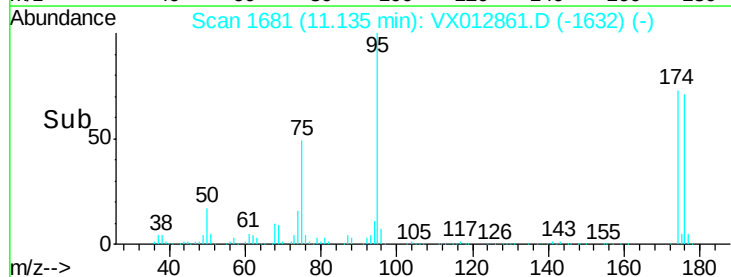
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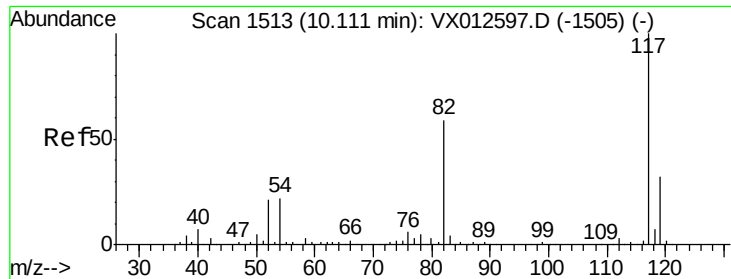
50000

0

11.10 11.13 11.16 11.19 11.22 11.25 11.28 11.31

Time-->

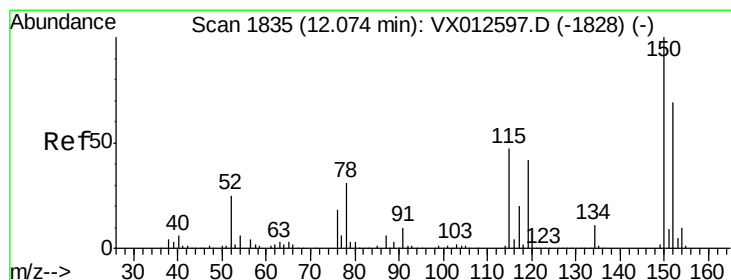
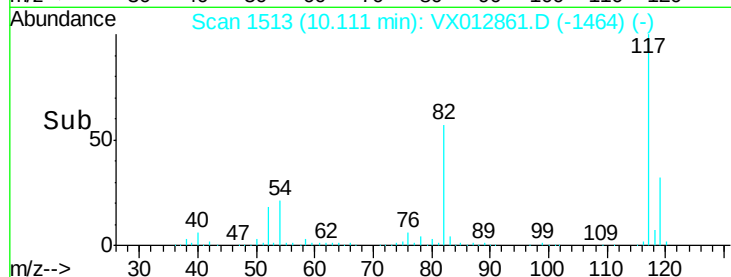
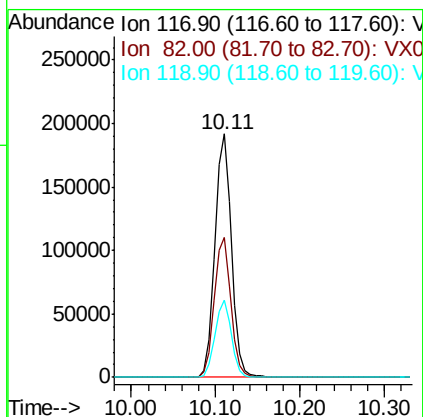
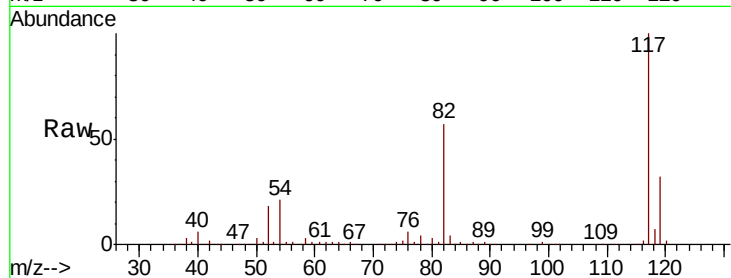




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012861.D
Acq: 08 Oct 2019 01:19

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1CSS-TB1

Tot Ion:117 Resp: 262300
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.6 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: VX012861.D
Acq: 08 Oct 2019 01:19

Tgt Ion:152 Resp: 105021
Ion Ratio Lower Upper
152 100
115 65.7 44.1 132.3
150 160.6 0.0 343.8

