

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012753.D
 Acq On : 02 Oct 2019 12:06
 Operator : JC/SP
 Sample : K5154-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-10012019

Quant Time: Oct 03 10:54:42 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	161609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	83475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	114936	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
35) Dibromofluoromethane	5.48	113	86057	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	8.71	98	334750	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.14	95	105417	41.32	ug/l	0.00
Spiked Amount			Recovery	=	82.64%	

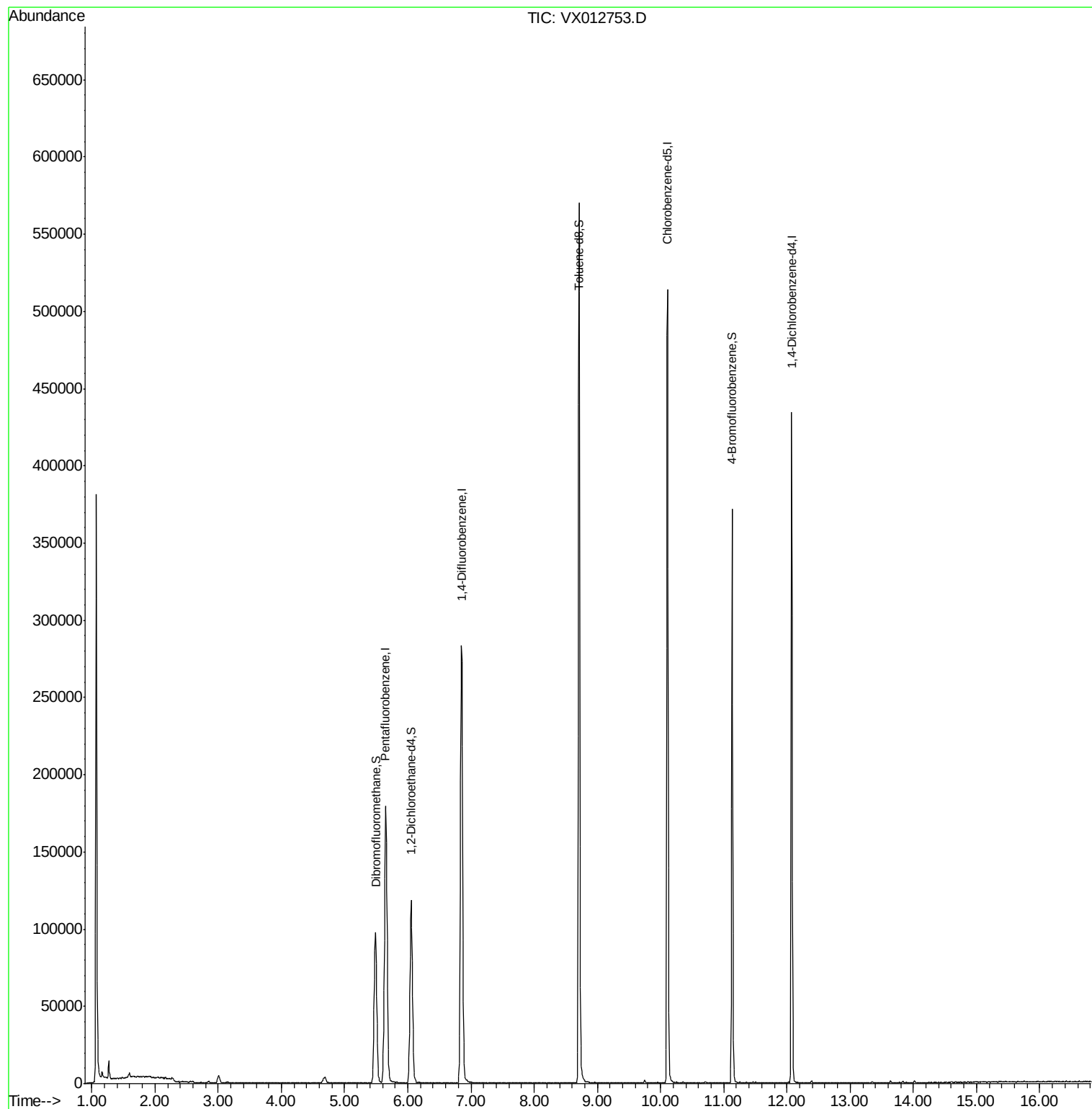
Target Compounds	Qvalue
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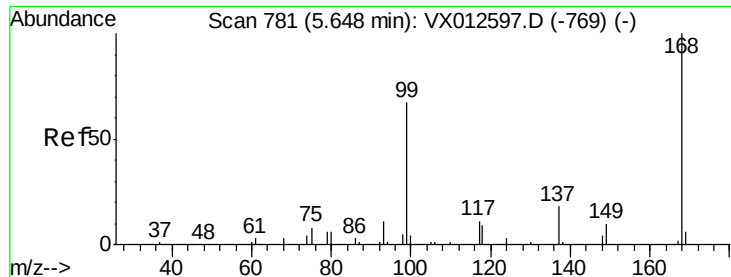
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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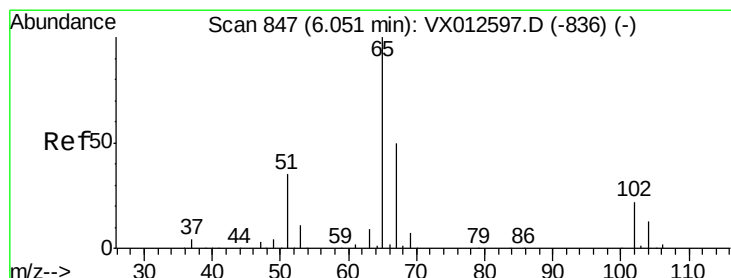
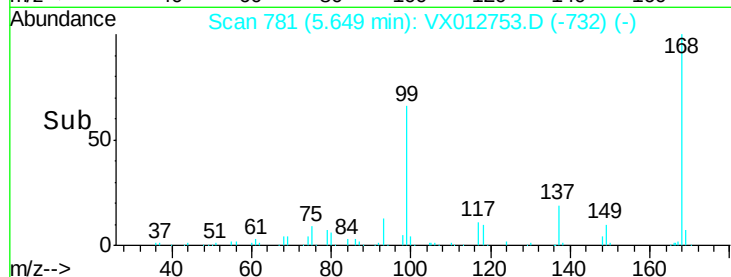
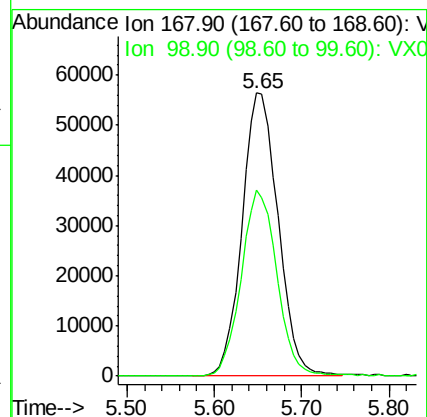
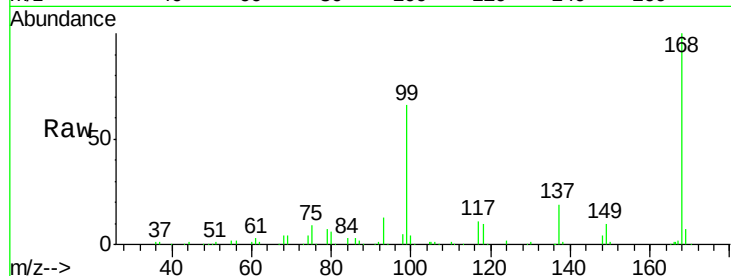




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012753.D
Acq: 02 Oct 2019 12:06

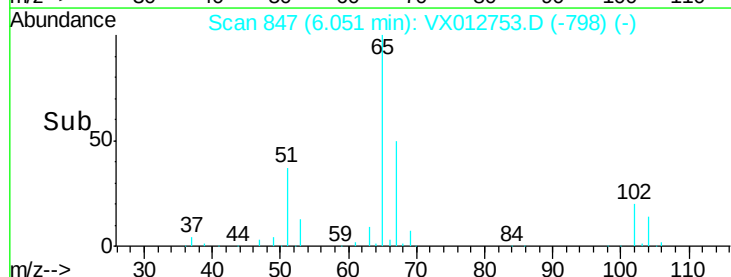
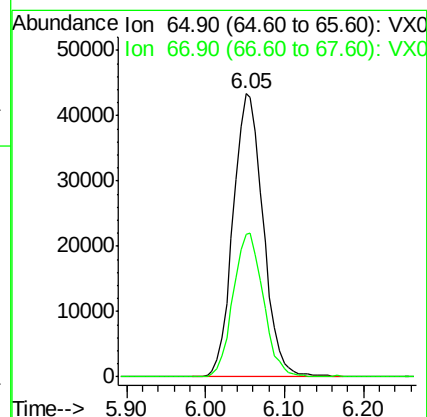
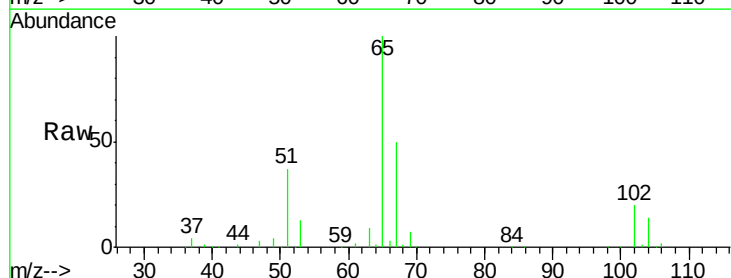
Instrument :
MSVOA_X
ClientSampleId :
TB-10012019

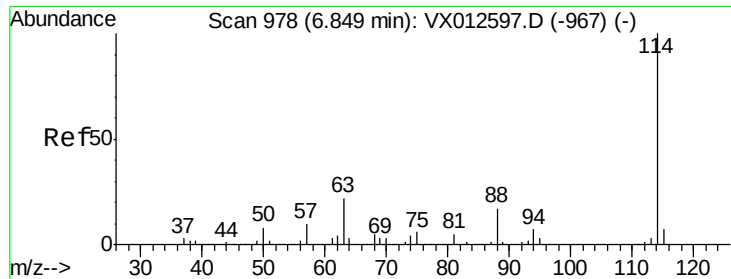
Tot Ion:168 Resp: 161609
Ion Ratio Lower Upper
168 100
99 65.5 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 48.840 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012753.D
Acq: 02 Oct 2019 12:06

Tgt Ion: 65 Resp: 114936
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.2

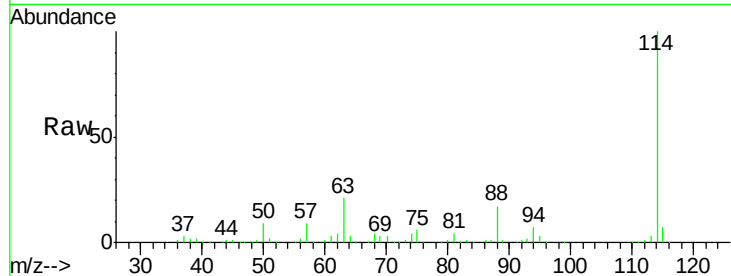




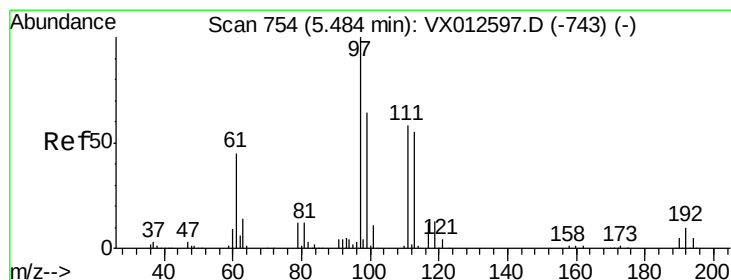
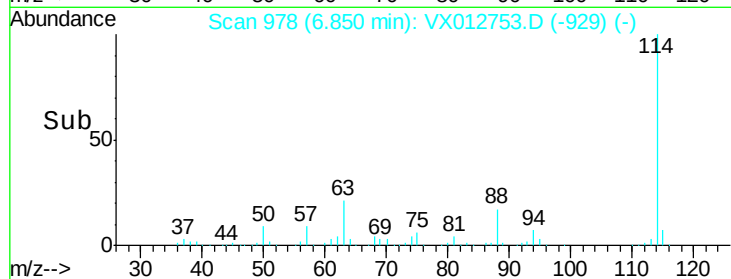
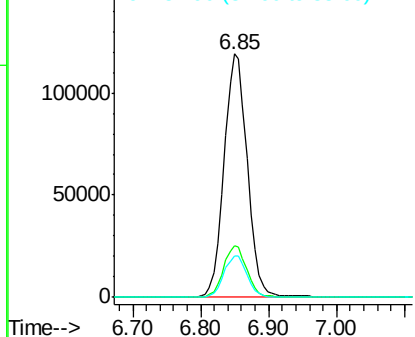
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012753.D
 Acq: 02 Oct 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-10012019

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	16.9	0.0	33.2

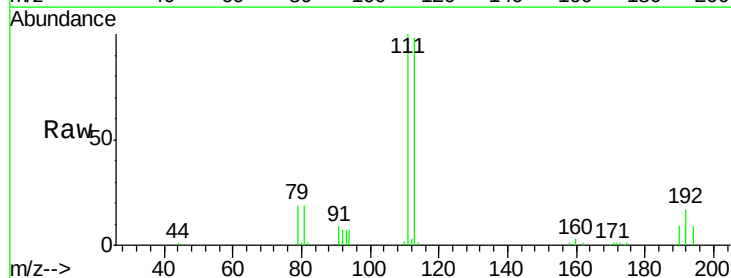


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

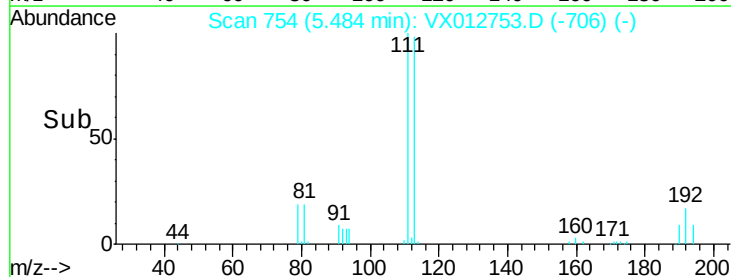
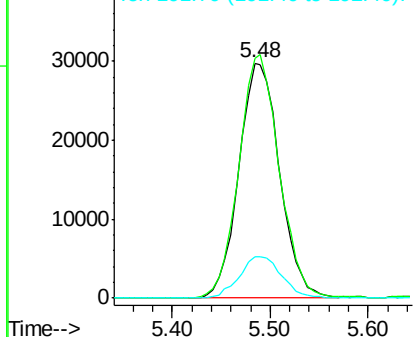


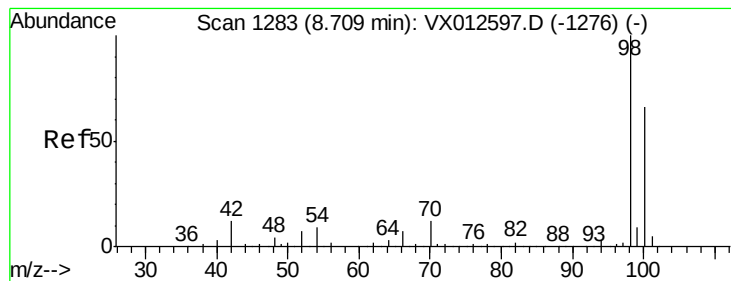
#35
 Dibromofluoromethane
 Concen: 51.072 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012753.D
 Acq: 02 Oct 2019 12:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	18.4	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: 51.587 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012753.D

Acq: 02 Oct 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

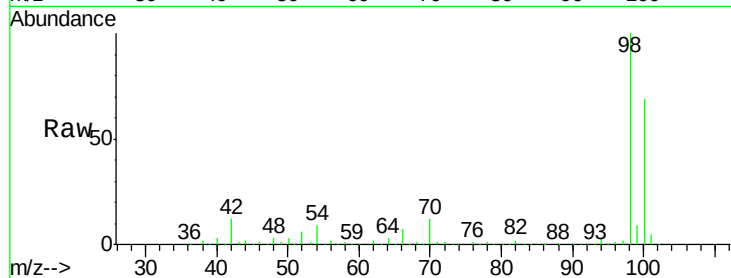
TB-10012019

Tot Ion: 98 Resp: 334750

Ion Ratio Lower Upper

98 100

100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

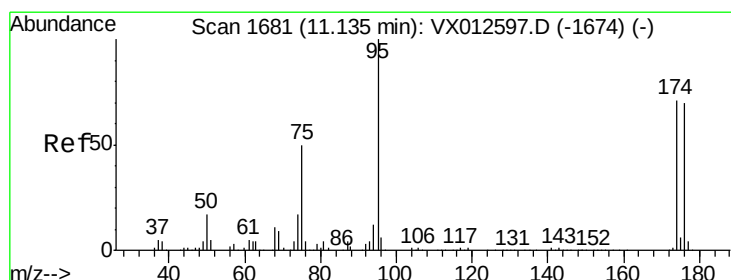
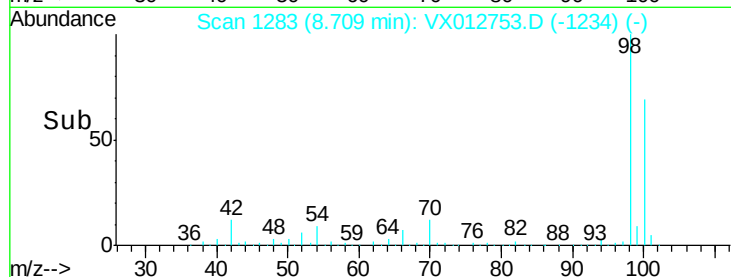
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 41.315 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012753.D

Acq: 02 Oct 2019 12:06

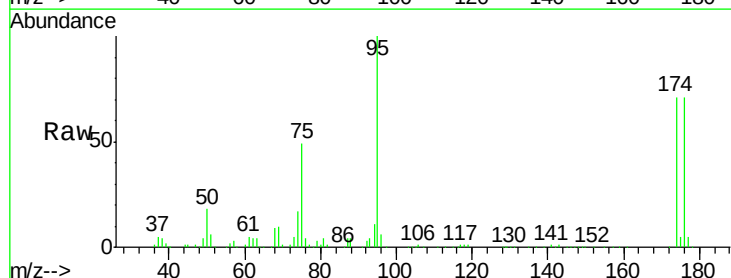
Tgt Ion: 95 Resp: 105417

Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.0

176 68.6 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

100000

80000

60000

40000

20000

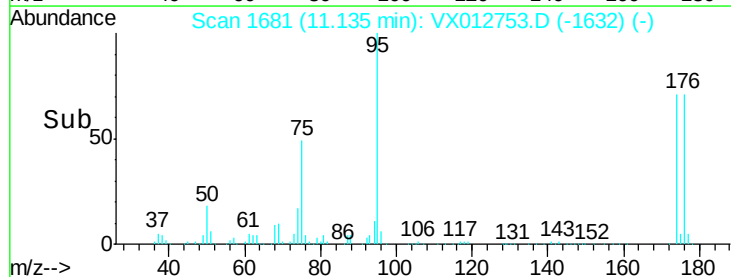
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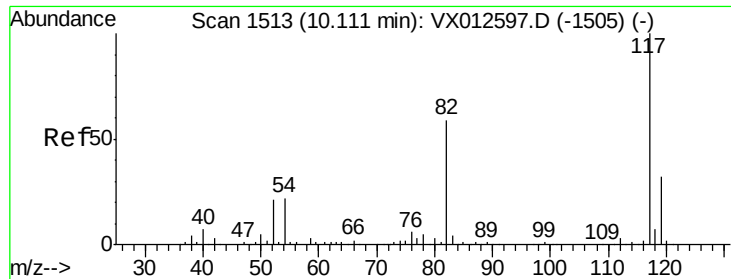
11.10

11.14

11.20

Time-->

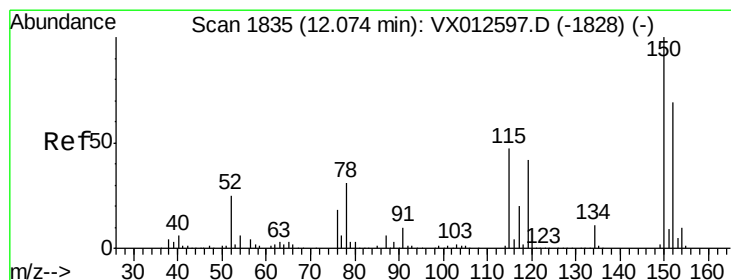
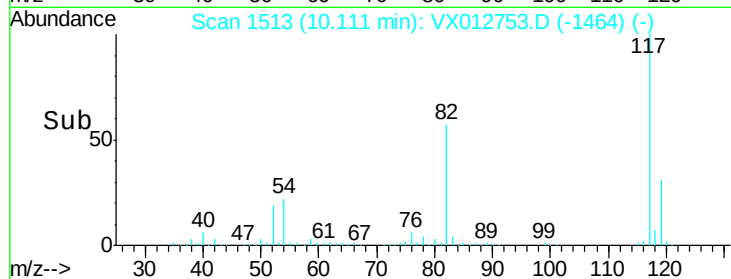
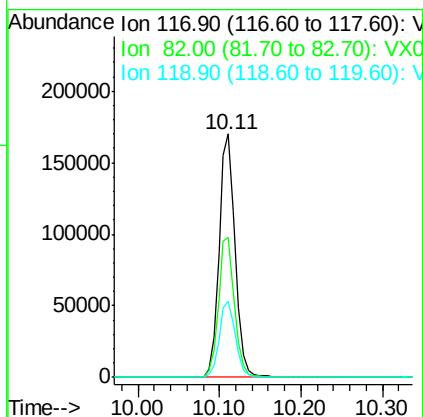
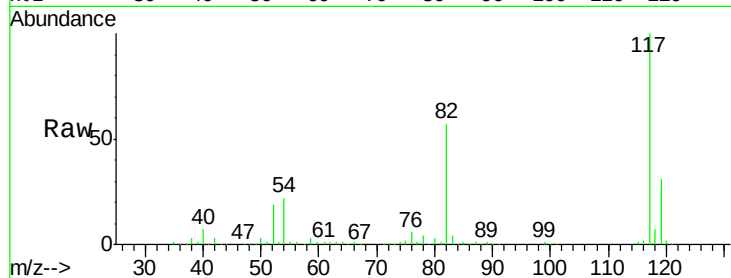




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012753.D
Acq: 02 Oct 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
TB-10012019

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.9	68.9
119	31.4	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: VX012753.D
Acq: 02 Oct 2019 12:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	44.1	132.3
150	154.7	0.0	343.8

