

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013954.D
 Acq On : 11 Dec 2019 19:28
 Operator : JC/SP
 Sample : K6249-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ189I-20191208

Quant Time: Dec 12 07:27:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

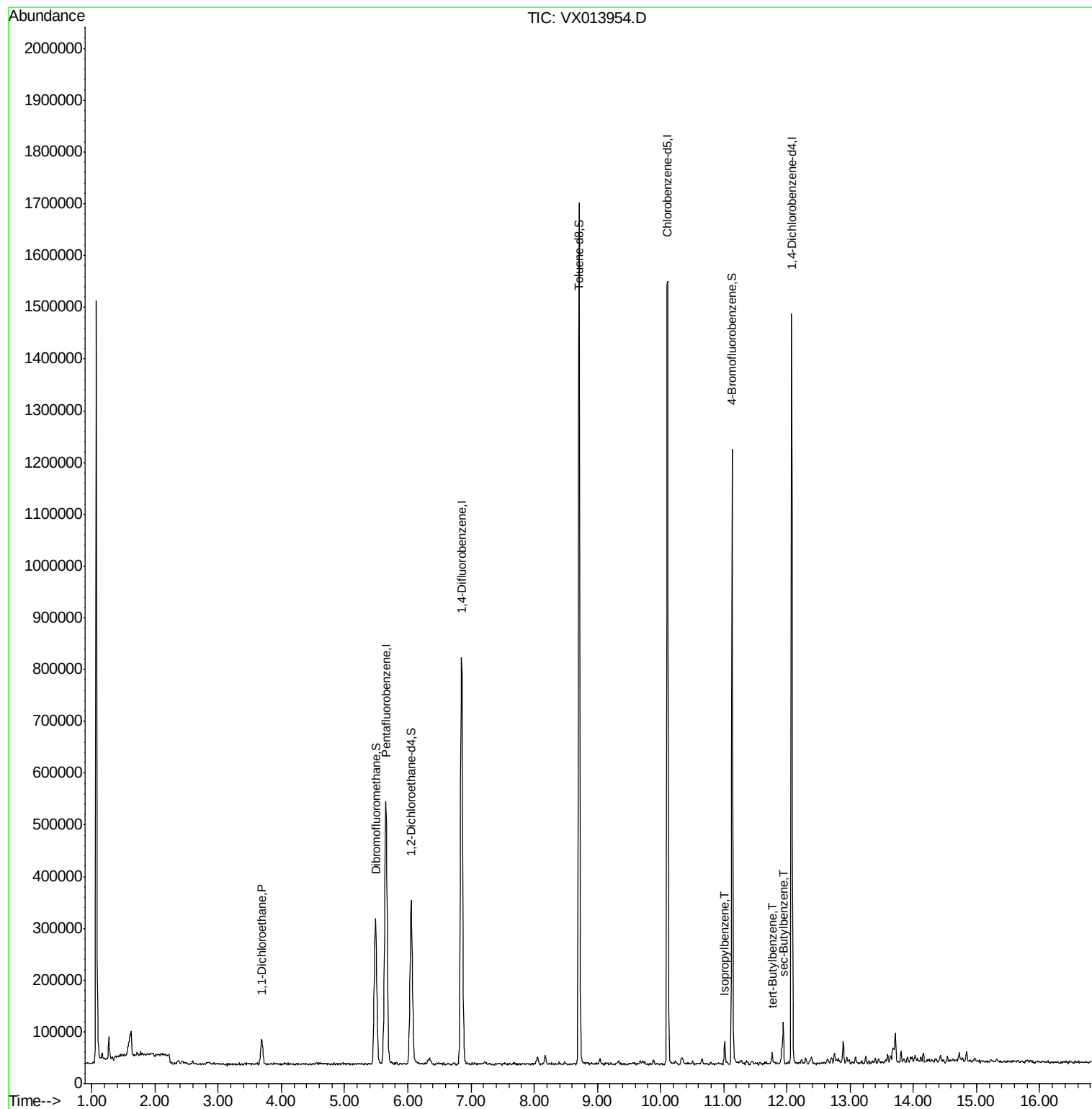
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	529392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	815179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	721587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	298730	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	5.49	113	243396	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	964667	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.14	95	312856	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
24) 1,1-Dichloroethane	3.69	63	58180	6.045	ug/l	98
73) Isopropylbenzene	11.01	105	24956	1.162	ug/l	96
83) tert-Butylbenzene	11.76	119	9666	0.540	ug/l	85
85) sec-Butylbenzene	11.94	105	48467	2.371	ug/l	86

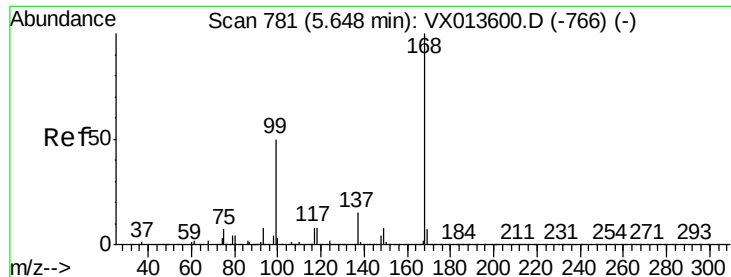
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Acq: 11 Dec 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

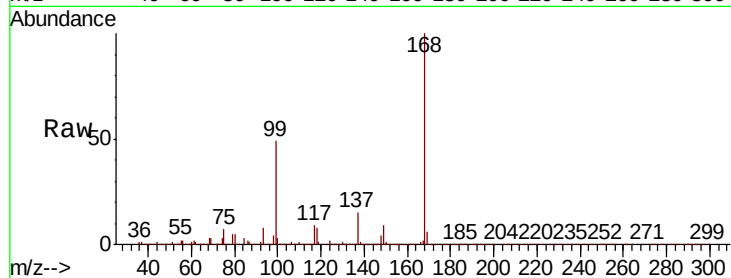
SA-PZ189I-20191208

Tot Ion:168 Resp: 529392

Ion Ratio Lower Upper

168 100

99 49.0 39.8 59.8



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

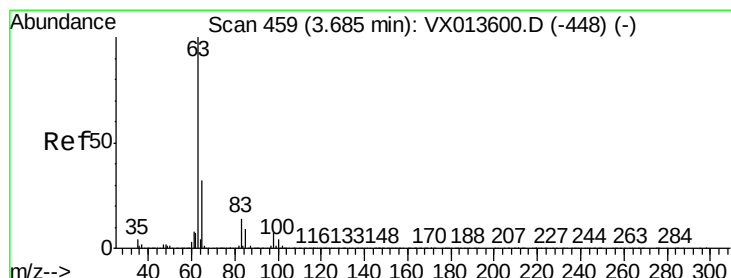
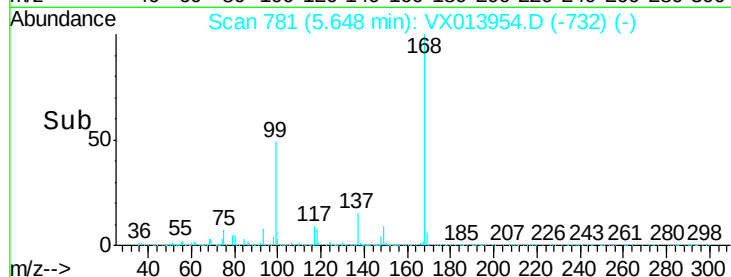
Time-->

5.50

5.60

5.70

5.80



#24

1,1-Dichloroethane

Concen: 6.045 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013954.D

Acq: 11 Dec 2019 19:28

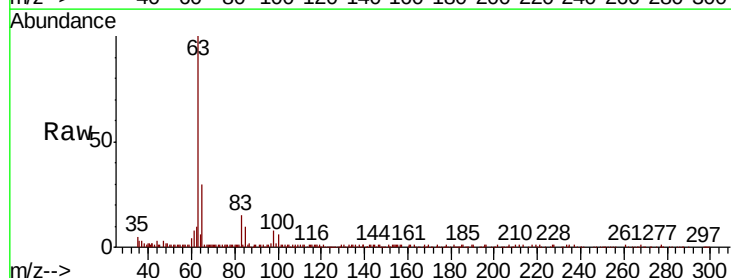
Tgt Ion: 63 Resp: 58180

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 5.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

30000

25000

20000

15000

10000

5000

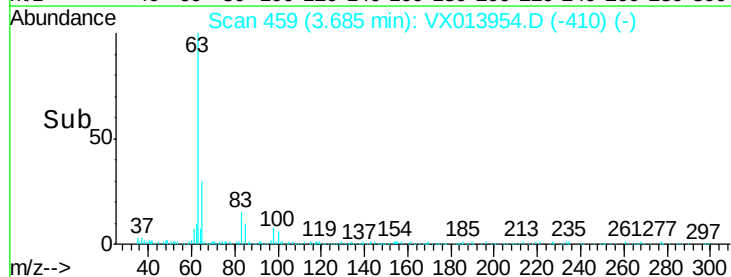
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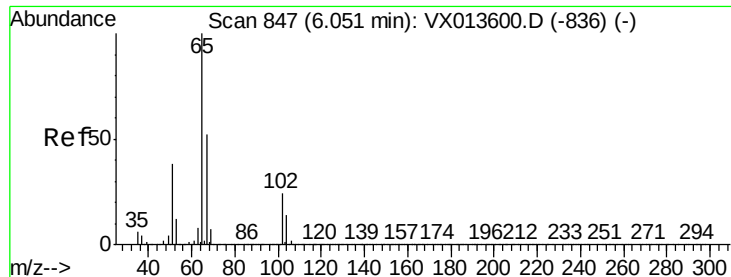
Time-->

3.60

3.70

3.80

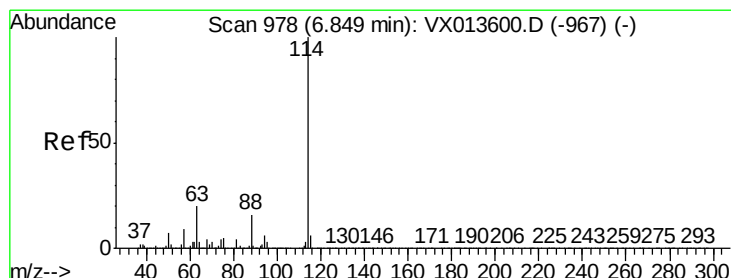
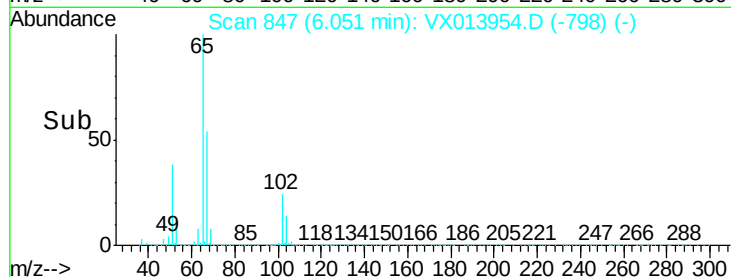
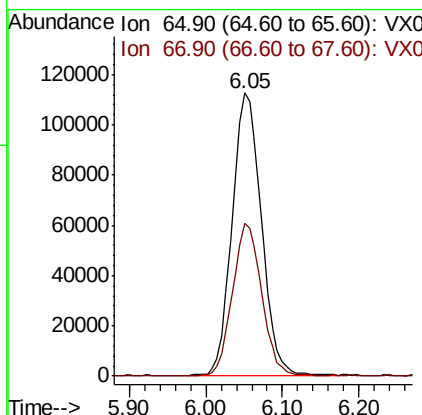
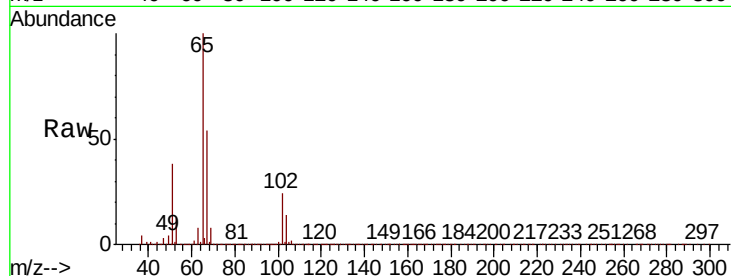




#33
 1,2-Dichloroethane-d4
 Concen: 48.613 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013954.D
 Acq: 11 Dec 2019 19:28

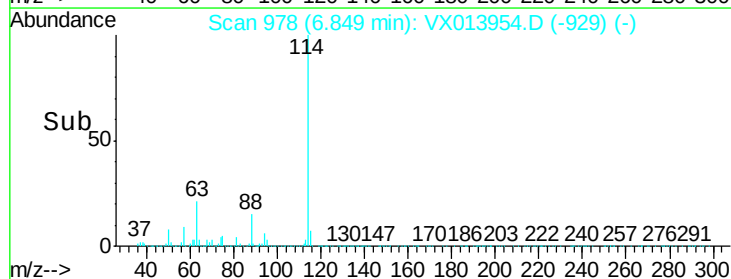
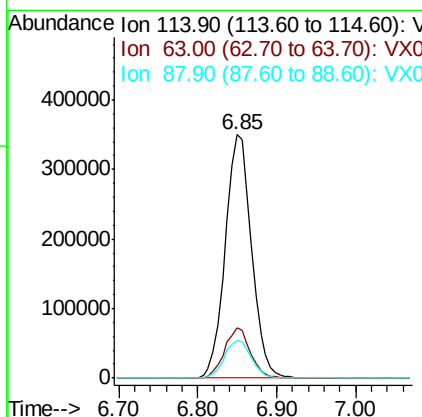
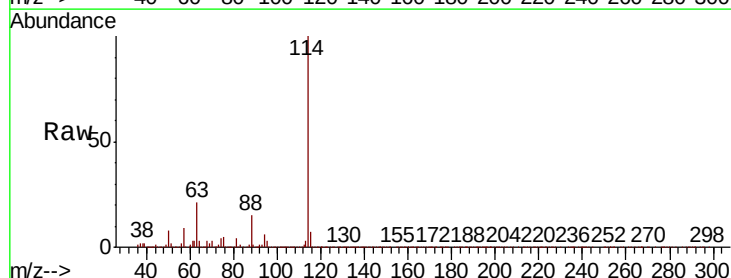
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ189I-20191208

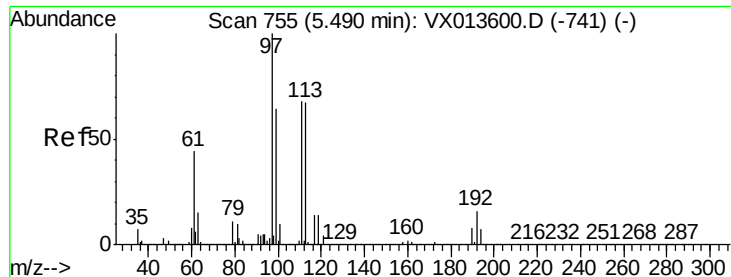
Tot Ion: 65 Resp: 298730
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013954.D
 Acq: 11 Dec 2019 19:28

Tgt Ion: 114 Resp: 815179
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 15.3 0.0 31.4

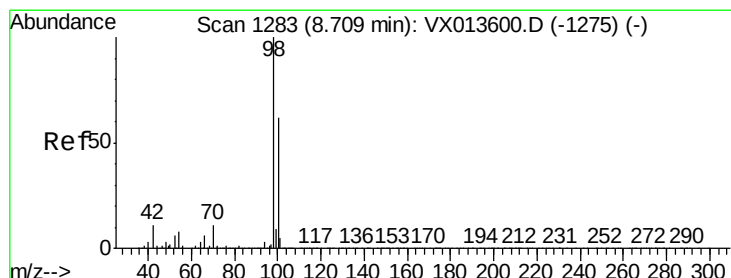
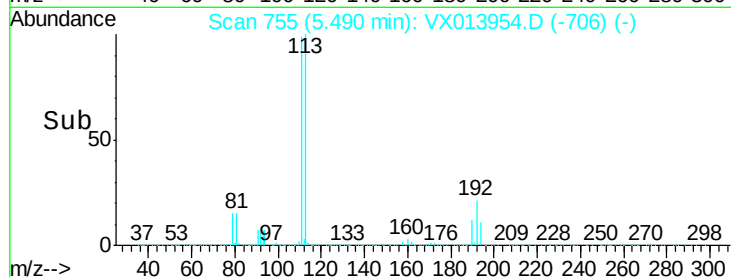
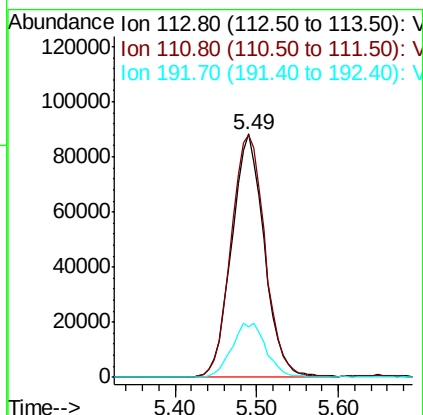
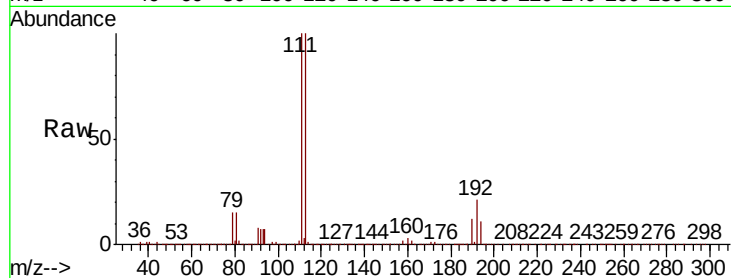




#35
 Dibromofluoromethane
 Concen: 48.297 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013954.D
 Acq: 11 Dec 2019 19:28

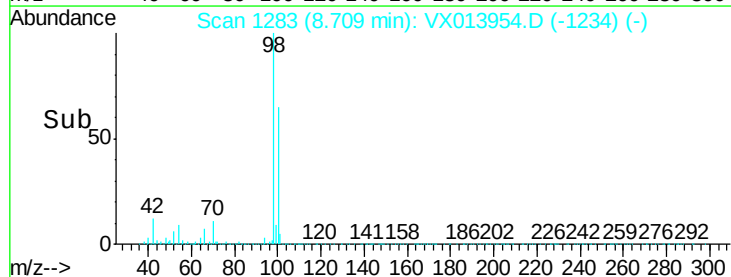
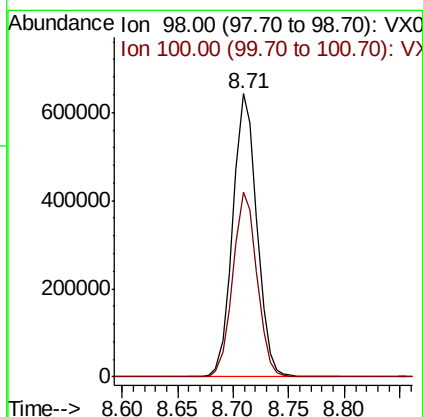
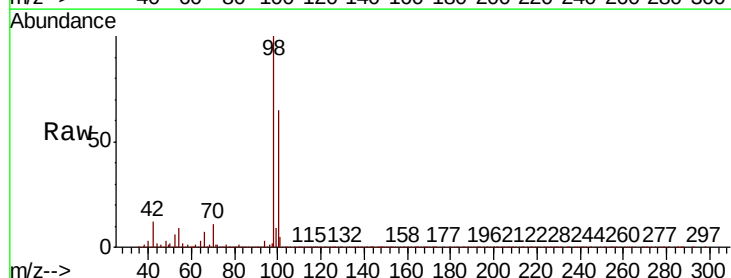
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ189I-20191208

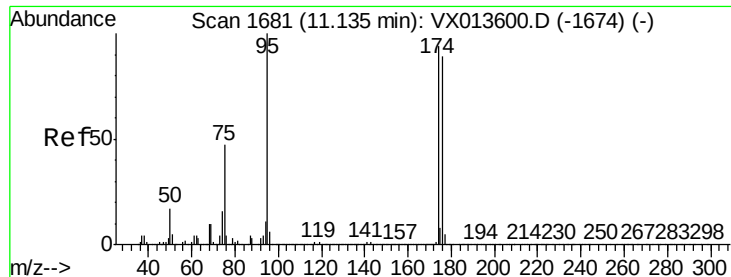
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.6	125.4
192	23.5	19.2	28.8



#50
 Toluene-d8
 Concen: 49.131 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013954.D
 Acq: 11 Dec 2019 19:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 44.187 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013954.D

Acq: 11 Dec 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ189I-20191208

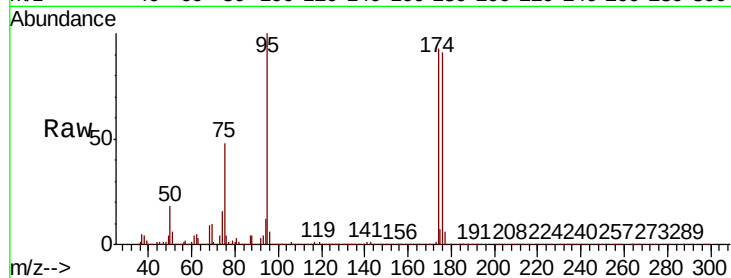
Tot Ion: 95 Resp: 312856

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 86.9 0.0 173.6

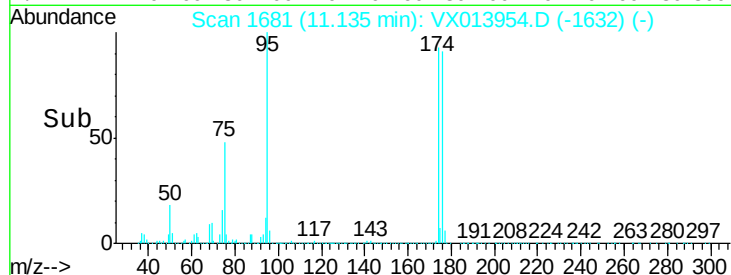


Abundance Ion 94.90 (94.60 to 95.60): VX0

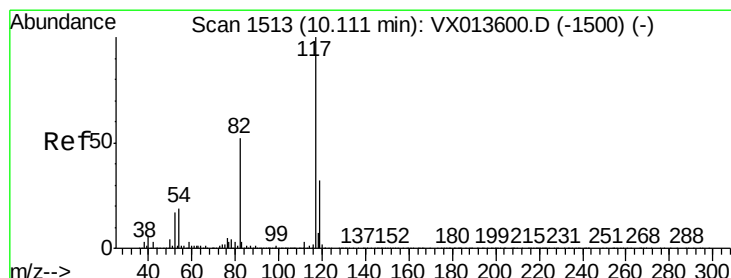
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013954.D

Acq: 11 Dec 2019 19:28

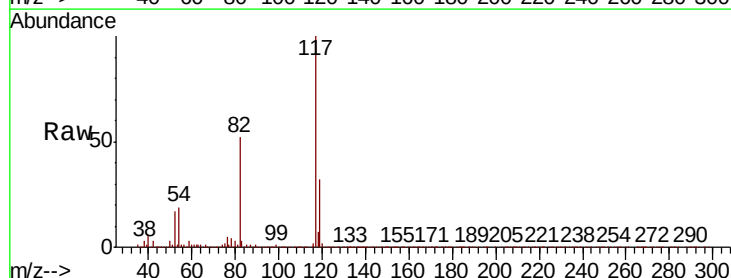
Tgt Ion: 117 Resp: 721587

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

119 32.1 25.8 38.8

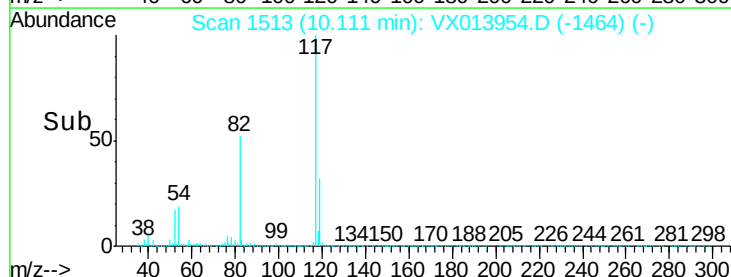


Abundance Ion 116.90 (116.60 to 117.60): V

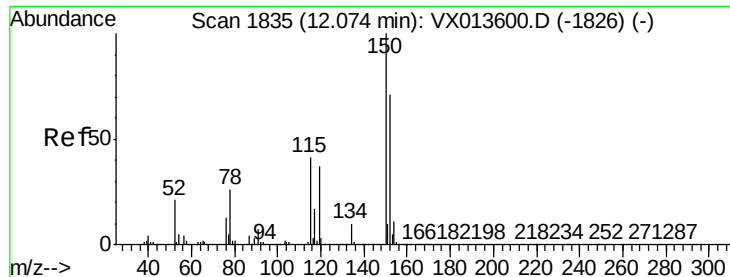
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



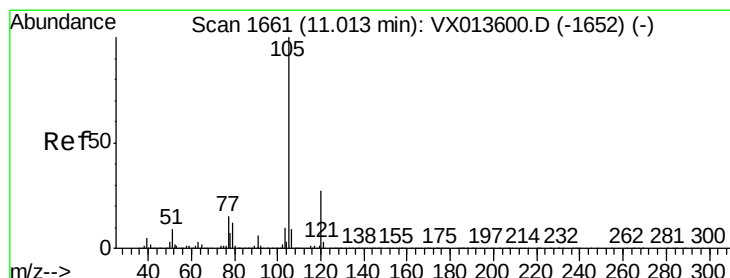
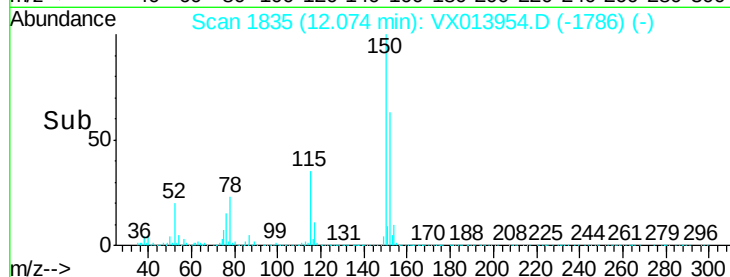
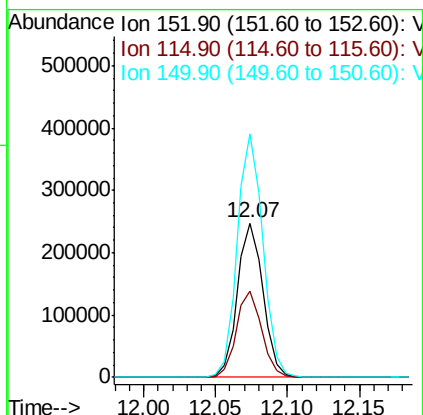
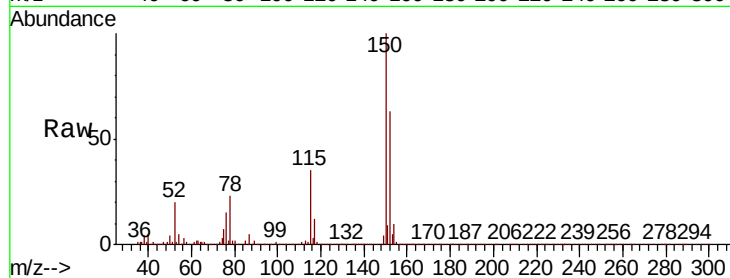
Time-->



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013954.D
Acq: 11 Dec 2019 19:28

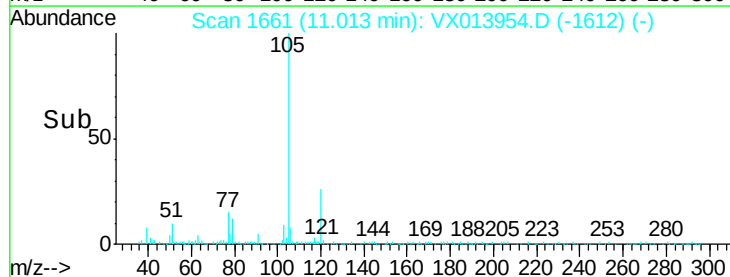
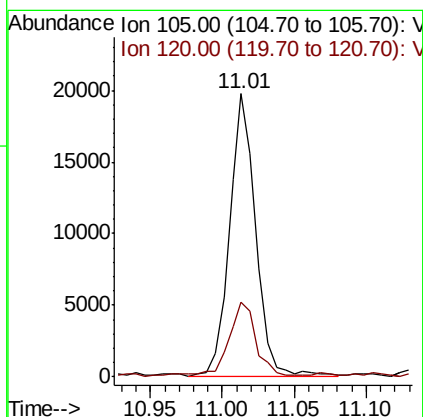
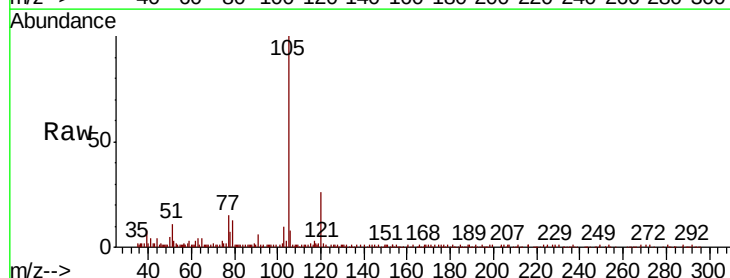
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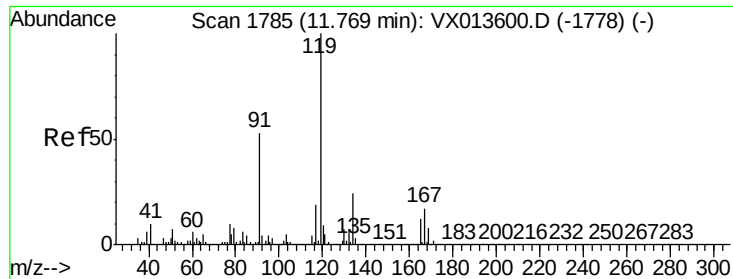
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.4	115.1
150	157.8	0.0	346.8



#73
Isopropylbenzene
Concen: 1.162 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013954.D
Acq: 11 Dec 2019 19:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.2	13.5	40.5

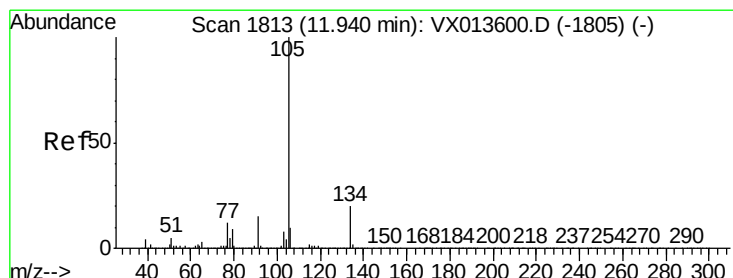
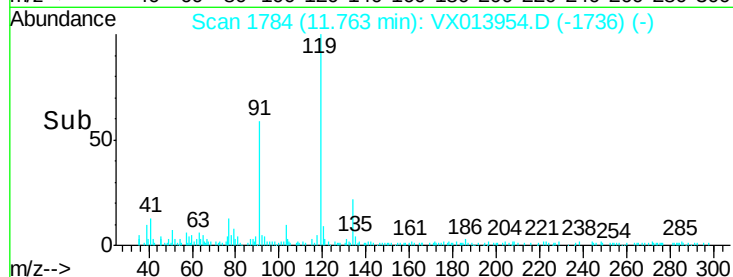
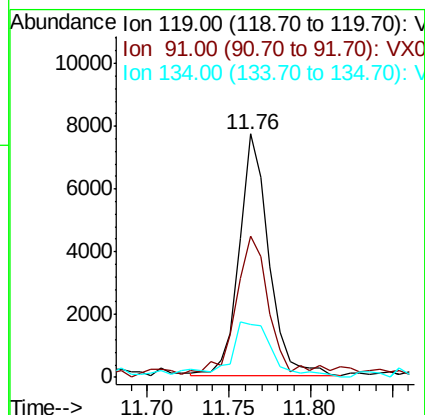
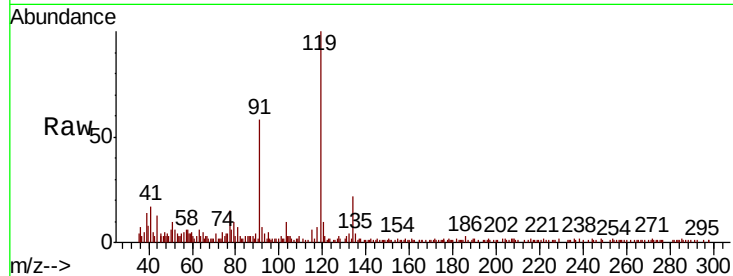




#83
tert-Butylbenzene
Concen: 0.540 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013954.D
Acq: 11 Dec 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:119 Resp: 9666
Ion Ratio Lower Upper
119 100
91 63.7 27.2 81.6
134 33.6 11.7 35.1



#85
sec-Butylbenzene
Concen: 2.371 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013954.D
Acq: 11 Dec 2019 19:28

Tgt Ion:105 Resp: 48467
Ion Ratio Lower Upper
105 100
134 27.1 10.4 31.2

