

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013953.D
 Acq On : 11 Dec 2019 19:05
 Operator : JC/SP
 Sample : K6249-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ188I-20191208

Quant Time: Dec 12 07:26:43 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

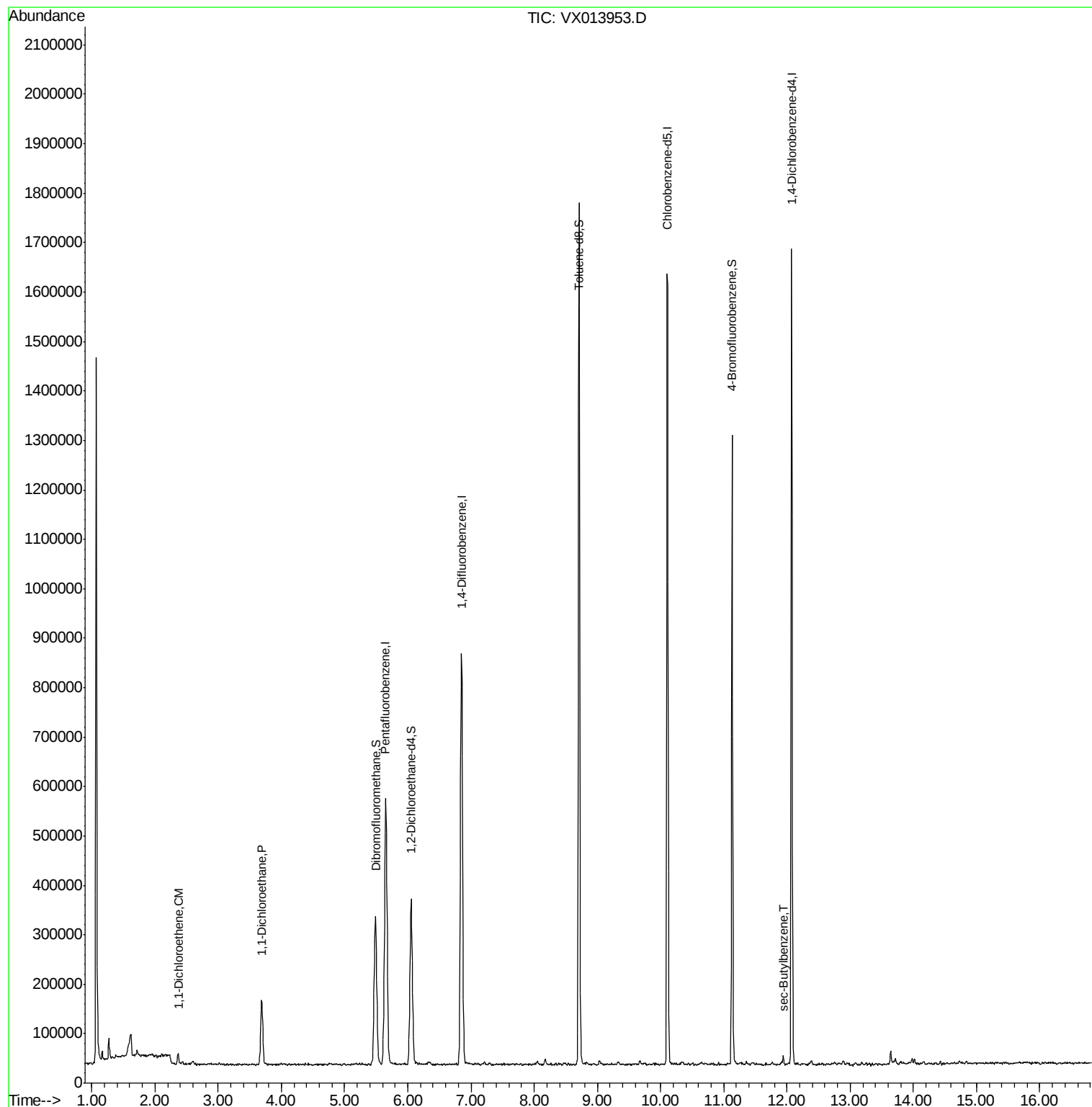
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	555783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	861963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	768061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	318843	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
35) Dibromofluoromethane	5.49	113	257273	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	1014092	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	337552	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	8182	1.547	ug/l	96
24) 1,1-Dichloroethane	3.69	63	153314	15.174	ug/l	98
85) sec-Butylbenzene	11.94	105	10269	0.451	ug/l	95

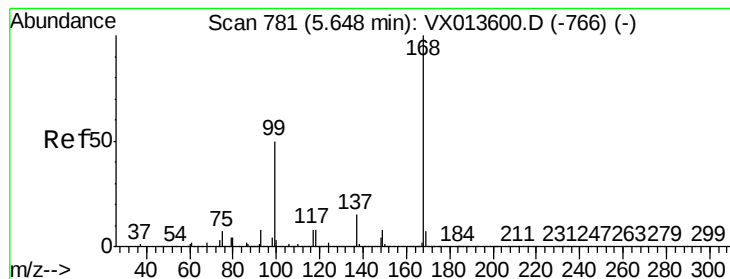
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013953.D

Acq: 11 Dec 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

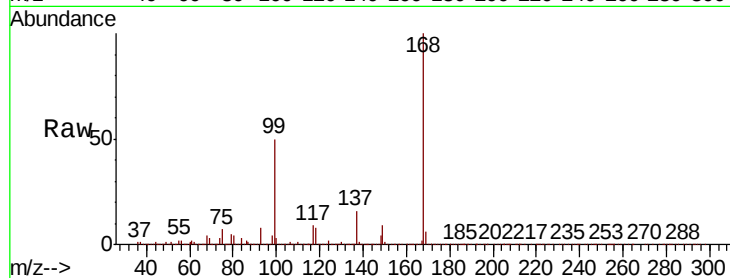
SA-PZ188I-20191208

Tot Ion:168 Resp: 555783

Ion Ratio Lower Upper

168 100

99 49.8 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

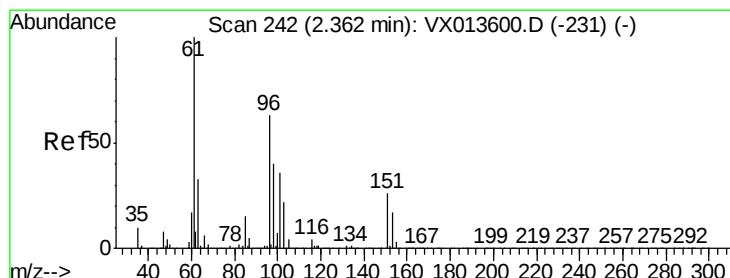
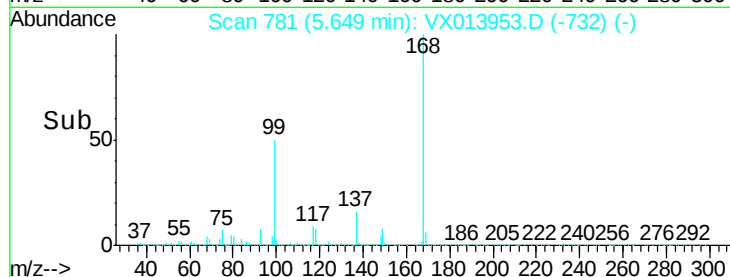
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.547 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013953.D

Acq: 11 Dec 2019 19:05

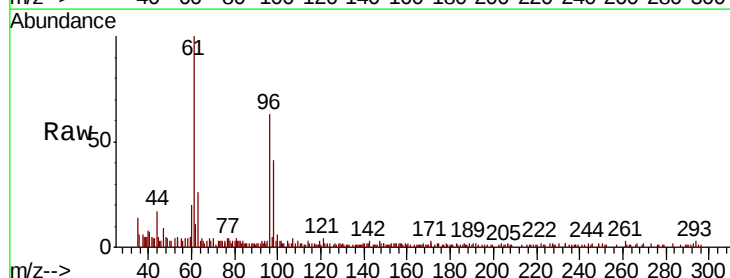
Tgt Ion: 96 Resp: 8182

Ion Ratio Lower Upper

96 100

61 151.8 126.6 190.0

98 61.3 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

10000

8000

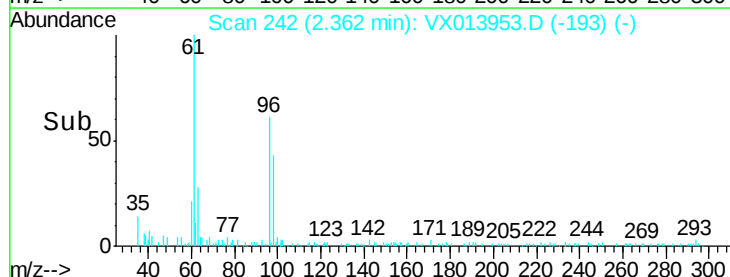
6000

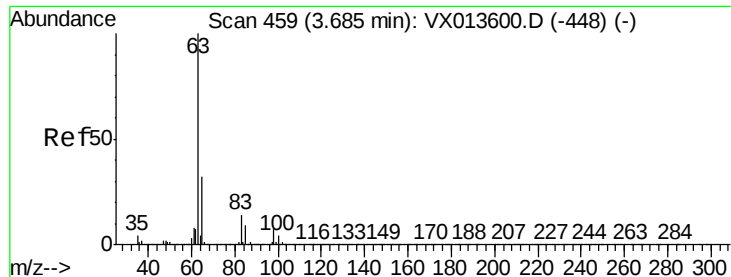
4000

2000

0

Time-->





#24

1,1-Dichloroethane

Concen: 15.174 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013953.D

Acq: 11 Dec 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ188I-20191208

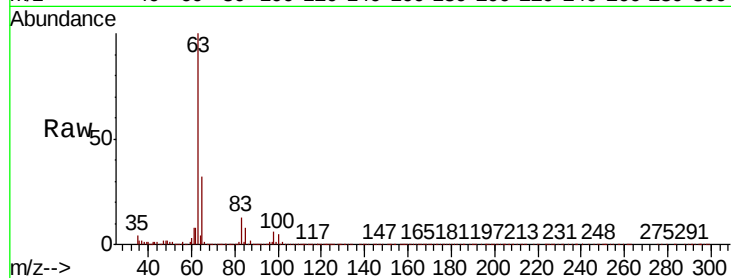
Tot Ion: 63 Resp: 153314

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

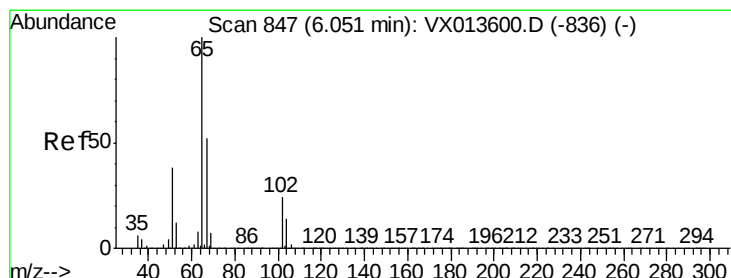
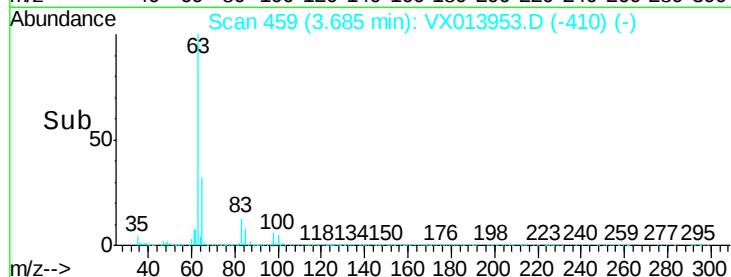
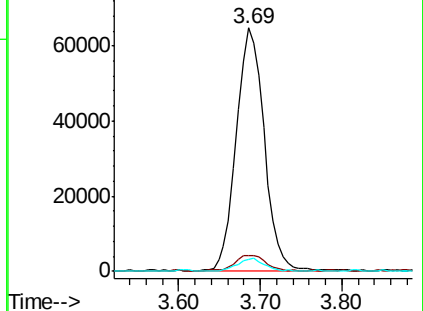
100 4.6 2.1 6.3



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



#33

1,2-Dichloroethane-d4

Concen: 49.422 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013953.D

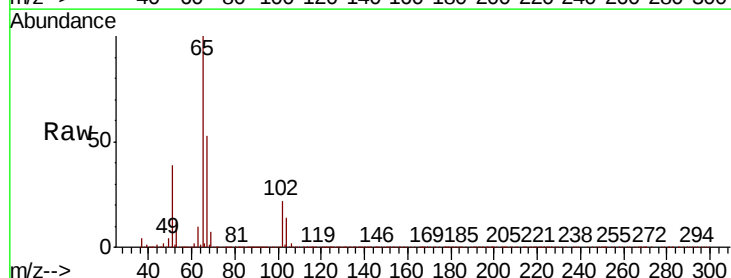
Acq: 11 Dec 2019 19:05

Tgt Ion: 65 Resp: 318843

Ion Ratio Lower Upper

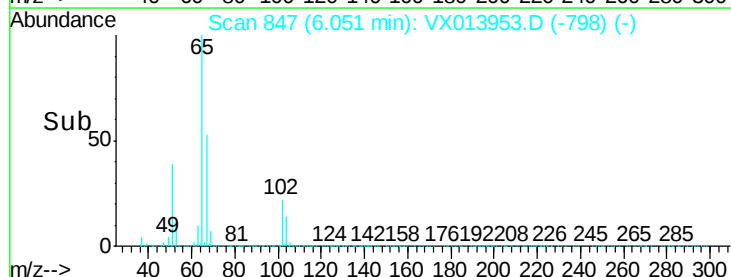
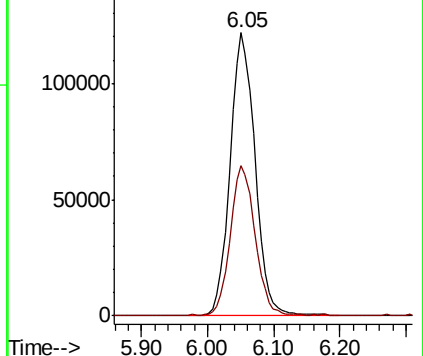
65 100

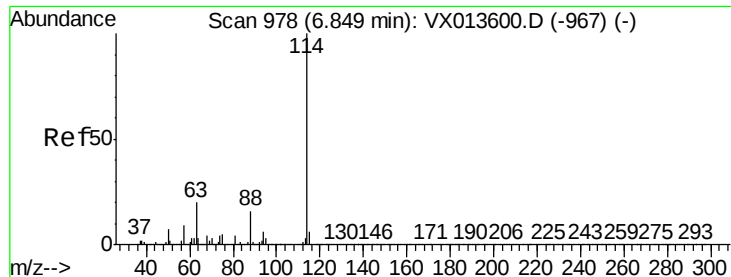
67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013953.D

Acq: 11 Dec 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ188I-20191208

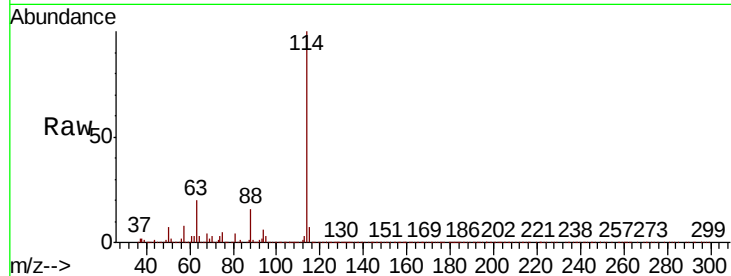
Tot Ion:114 Resp: 861963

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

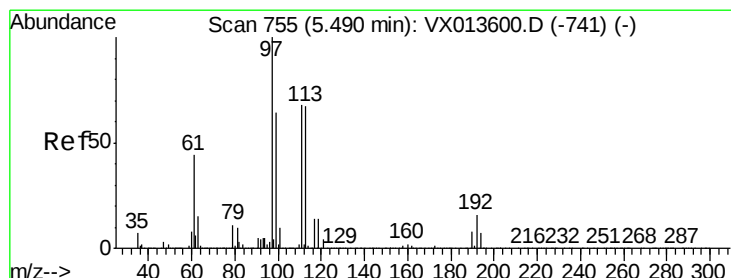
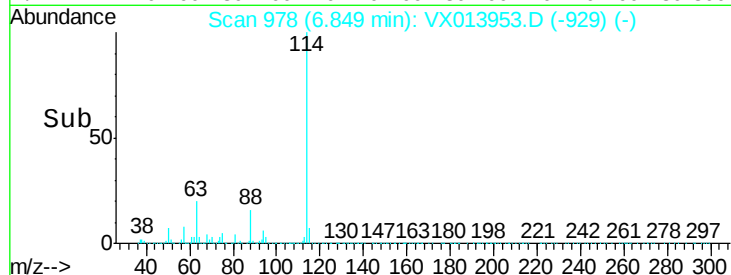
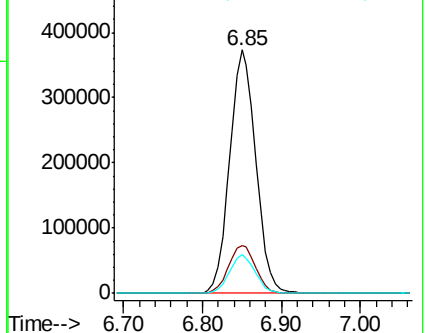
88 15.7 0.0 31.4



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: 48.280 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013953.D

Acq: 11 Dec 2019 19:05

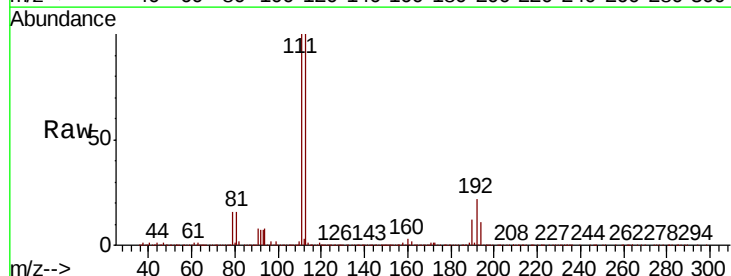
Tgt Ion:113 Resp: 257273

Ion Ratio Lower Upper

113 100

111 102.6 83.6 125.4

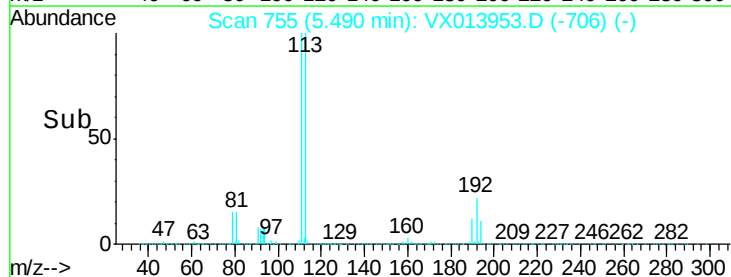
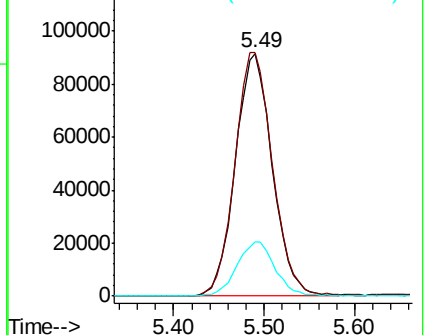
192 23.2 19.2 28.8

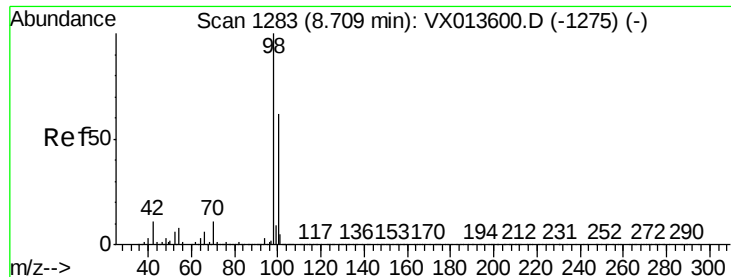


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

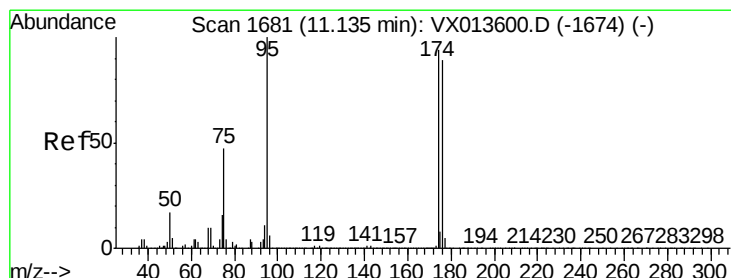
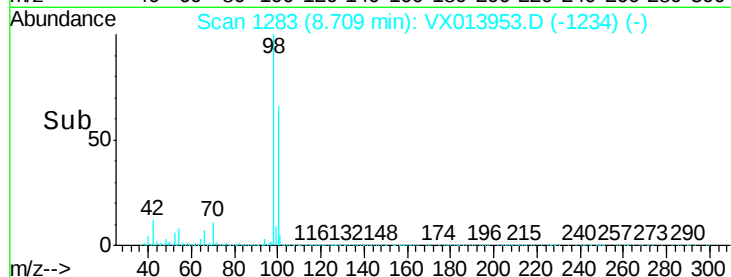
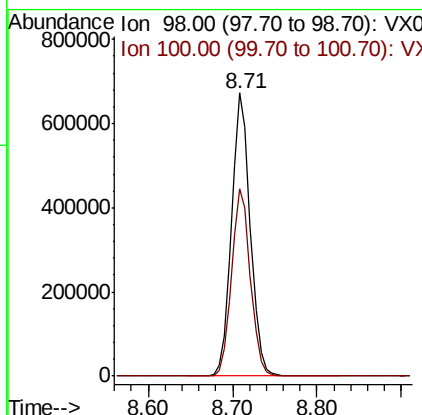
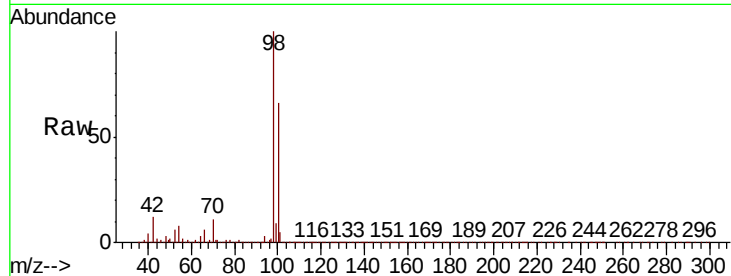




#50
Toluene-d8
Concen: 48.845 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013953.D
Acq: 11 Dec 2019 19:05

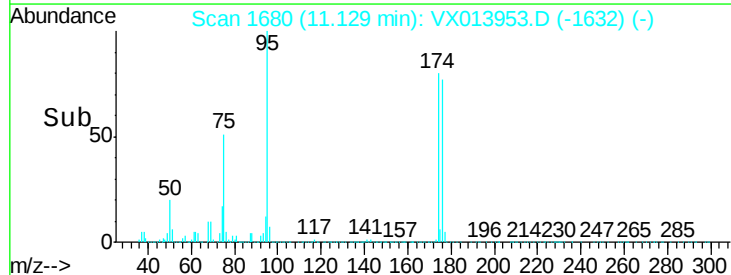
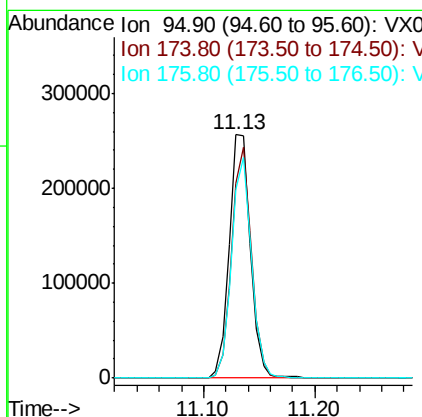
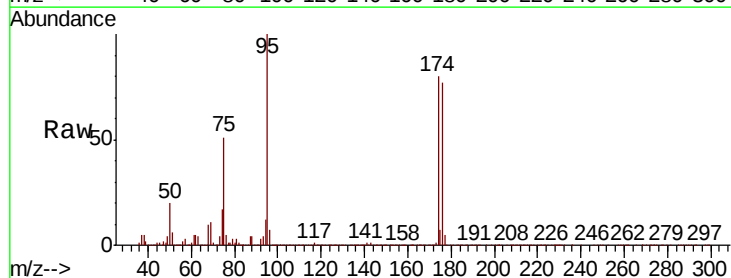
Instrument :
MSVOA_X
ClientSampleId :
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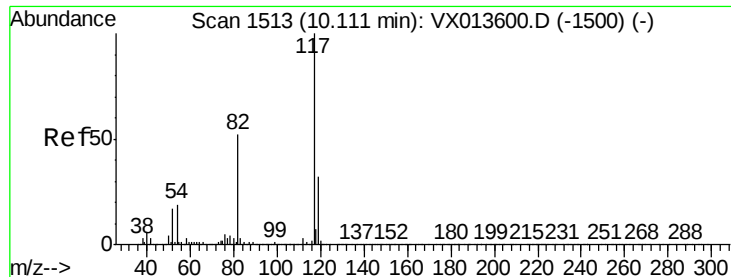
Tot Ion: 98 Resp: 1014092
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.087 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013953.D
Acq: 11 Dec 2019 19:05

Tgt Ion: 95 Resp: 337552
Ion Ratio Lower Upper
95 100
174 89.2 0.0 180.0
176 85.6 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013953.D

Acq: 11 Dec 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ188I-20191208

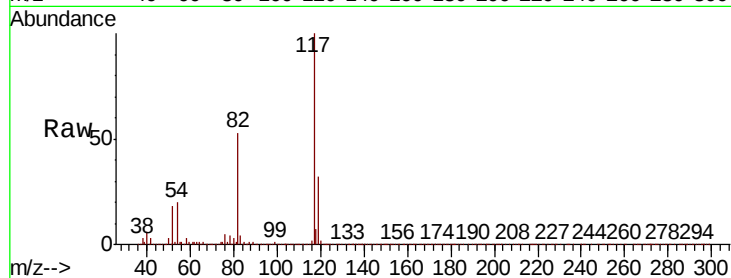
Tot Ion:117 Resp: 768061

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

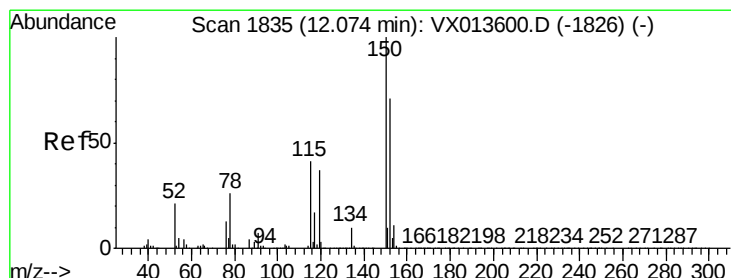
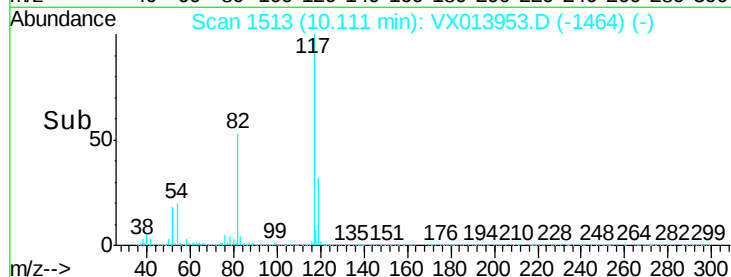
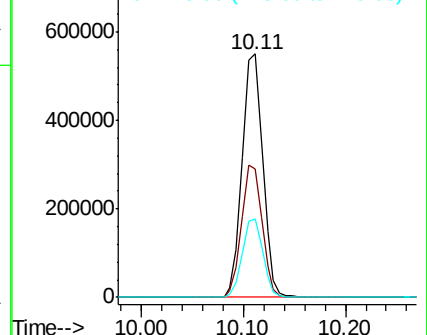
119 32.1 25.8 38.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013953.D

Acq: 11 Dec 2019 19:05

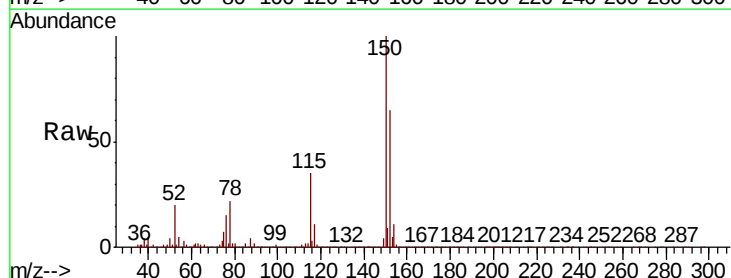
Tgt Ion:152 Resp: 340804

Ion Ratio Lower Upper

152 100

115 54.2 38.4 115.1

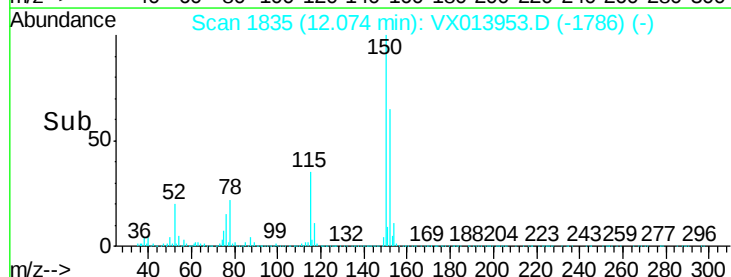
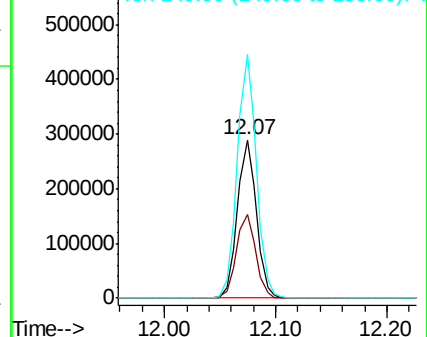
150 155.4 0.0 346.8

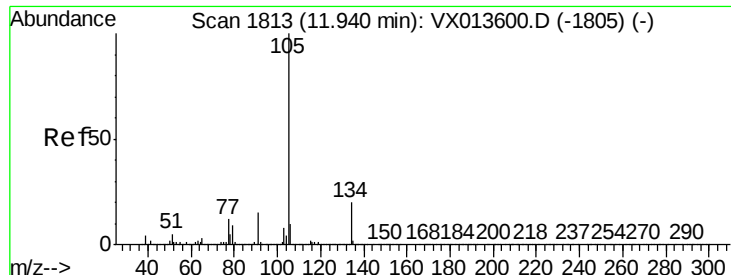


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#85

sec-Butylbenzene

Concen: 0.451 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013953.D

Acq: 11 Dec 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ188I-20191208

Tot Ion:105 Resp: 10269

Ion Ratio Lower Upper

105 100

134 18.6 10.4 31.2

