

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013965.D
 Acq On : 12 Dec 2019 00:54
 Operator : JC/SP
 Sample : K6249-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ191I-20191208

Quant Time: Dec 12 06:46:37 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

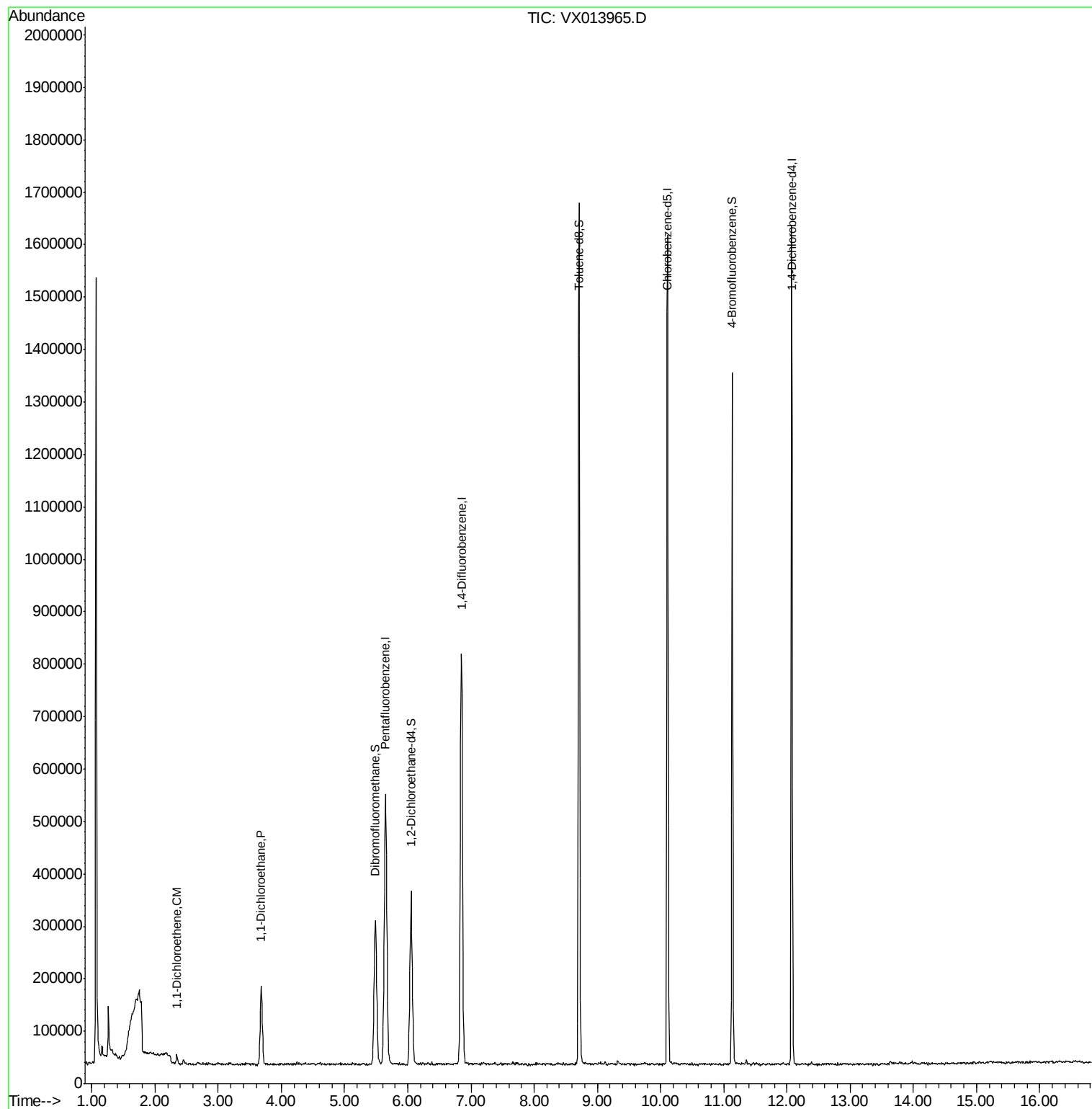
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	818632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	303760	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.48	113	239813	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	8.71	98	969975	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	328530	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
12) 1,1-Dichloroethene	2.34	96	6142	1.206	ug/l #	89
24) 1,1-Dichloroethane	3.68	63	172551	17.743	ug/l	99

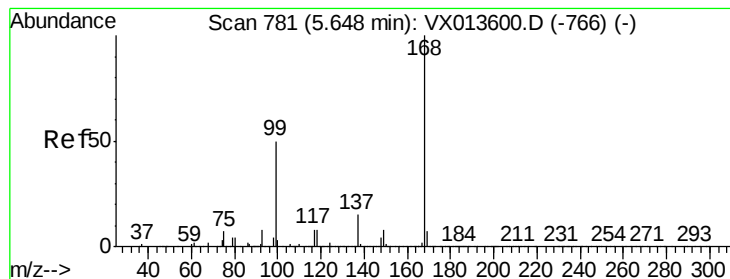
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX013965.D

Acq: 12 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

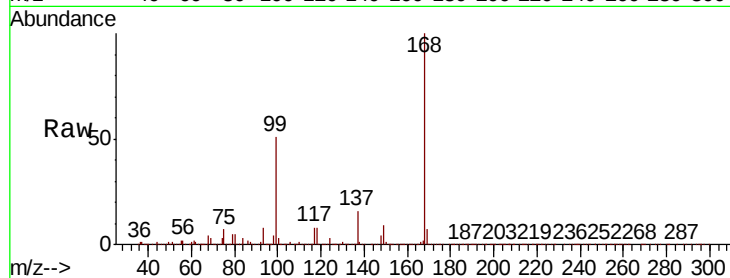
SA-PZ191I-20191208

Tot Ion:168 Resp: 534937

Ion Ratio Lower Upper

168 100

99 50.9 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

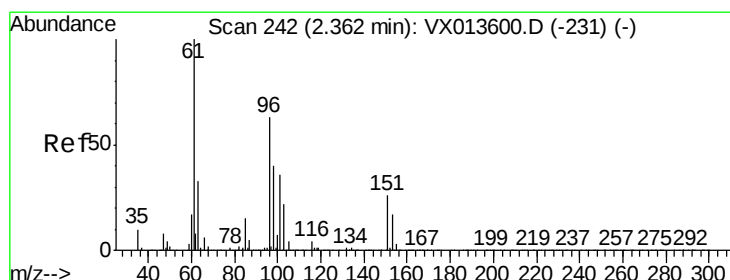
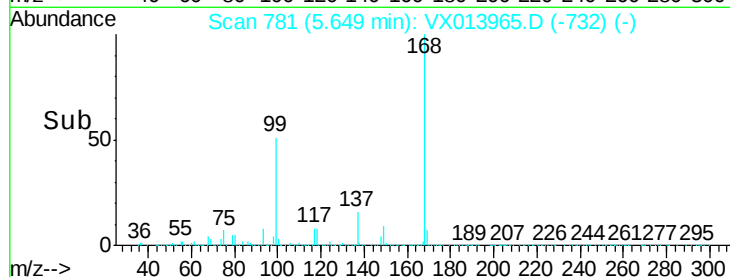
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 1.206 ug/l

RT: 2.34 min Scan# 239

Delta R.T. -0.02 min

Lab File: VX013965.D

Acq: 12 Dec 2019 00:54

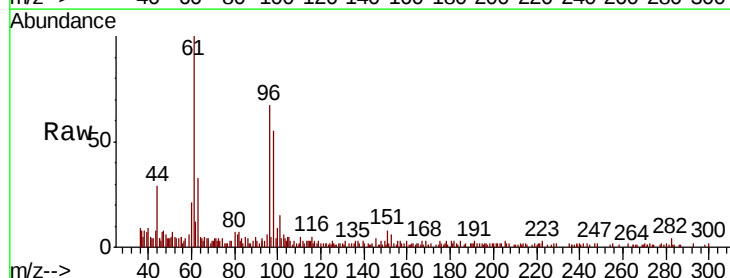
Tgt Ion: 96 Resp: 6142

Ion Ratio Lower Upper

96 100

61 148.4 126.6 190.0

98 79.8 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

2.34

6000

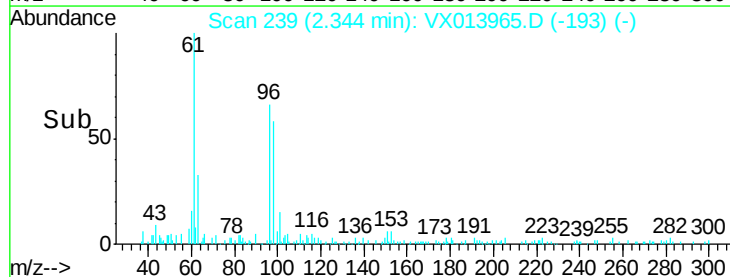
4000

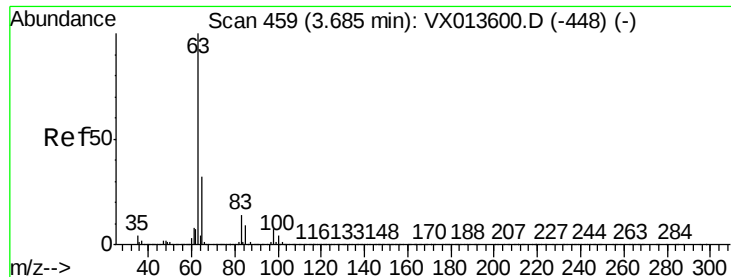
2000

0

Time-->

2.30 2.35 2.40





#24

1,1-Dichloroethane

Concen: 17.743 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013965.D

Acq: 12 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ191I-20191208

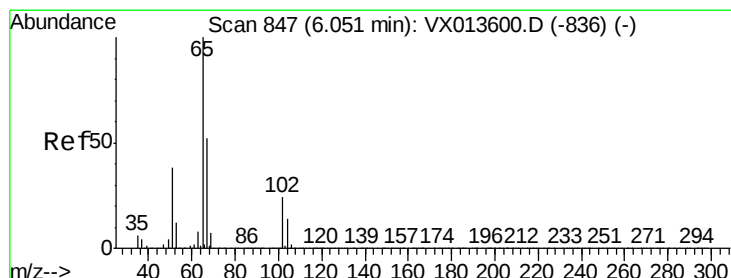
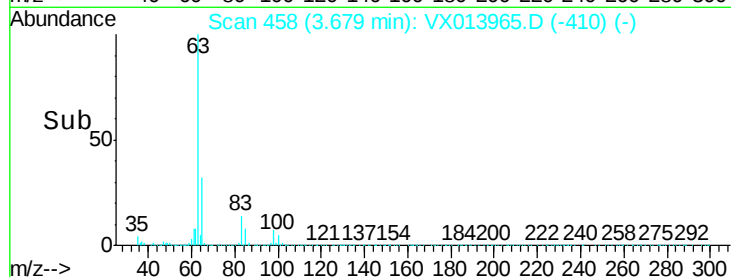
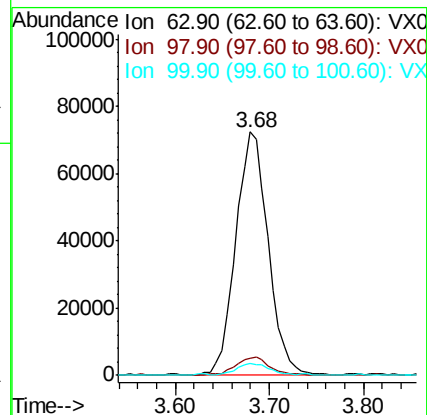
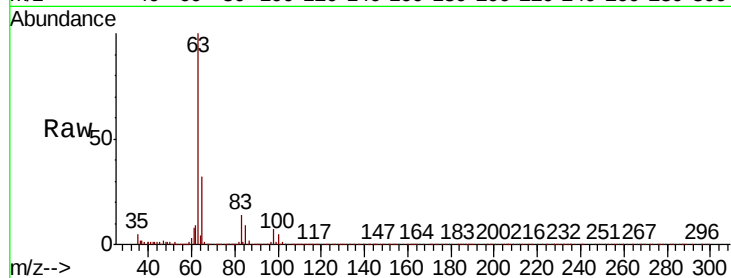
Tot Ion: 63 Resp: 172551

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.1 6.3



#33

1,2-Dichloroethane-d4

Concen: 48.919 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013965.D

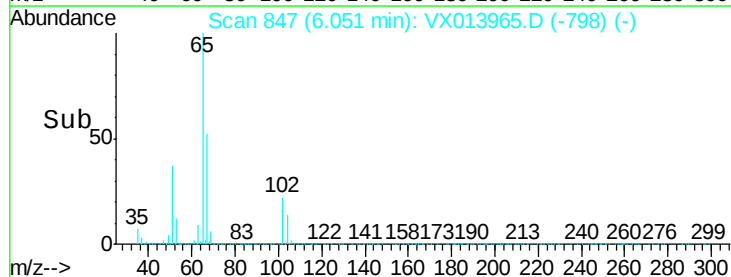
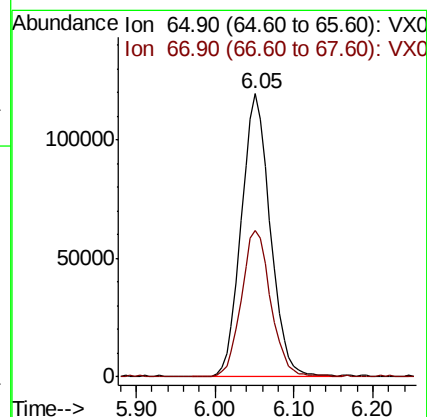
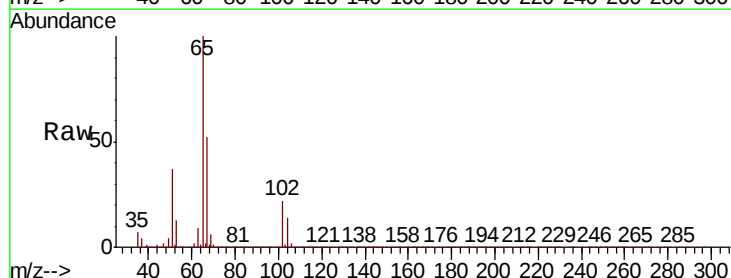
Acq: 12 Dec 2019 00:54

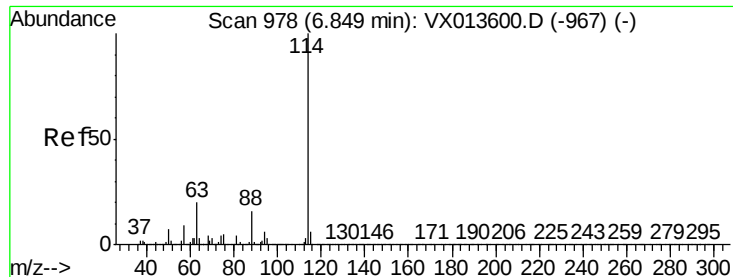
Tgt Ion: 65 Resp: 303760

Ion Ratio Lower Upper

65 100

67 52.4 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: VX013965.D

Acq: 12 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

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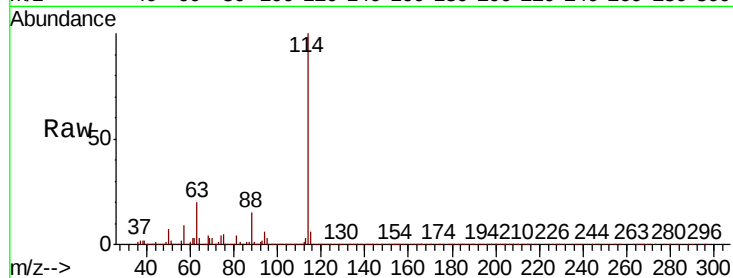
Tot Ion:114 Resp: 818632

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

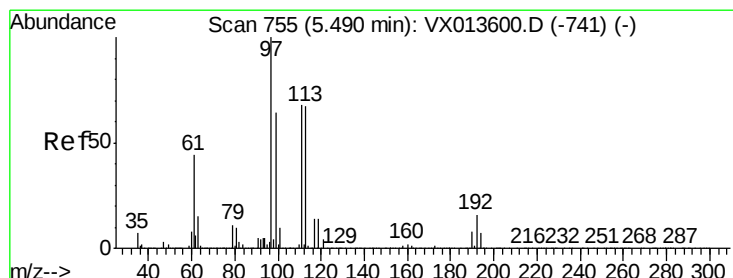
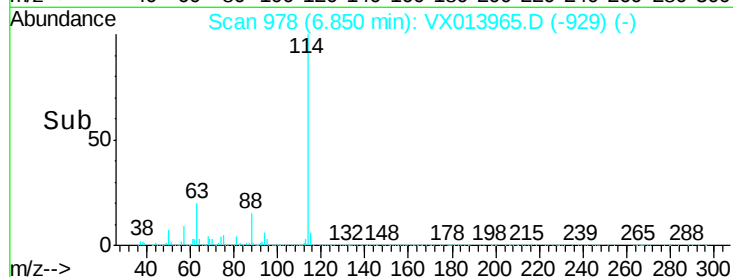
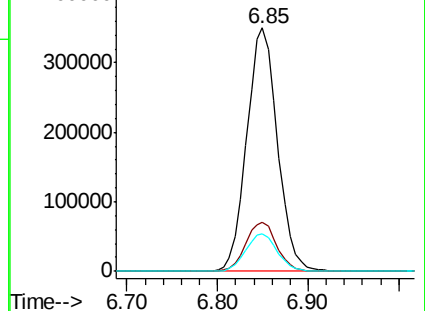
88 15.1 0.0 31.4



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: 47.386 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013965.D

Acq: 12 Dec 2019 00:54

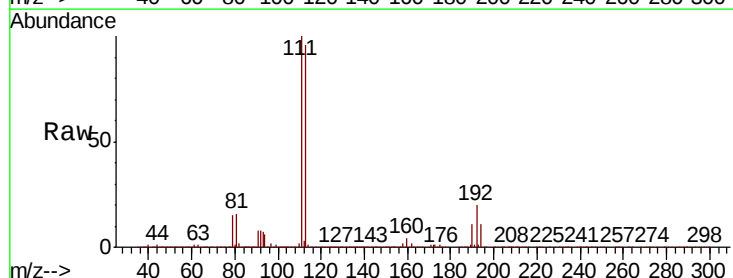
Tgt Ion:113 Resp: 239813

Ion Ratio Lower Upper

113 100

111 102.7 83.6 125.4

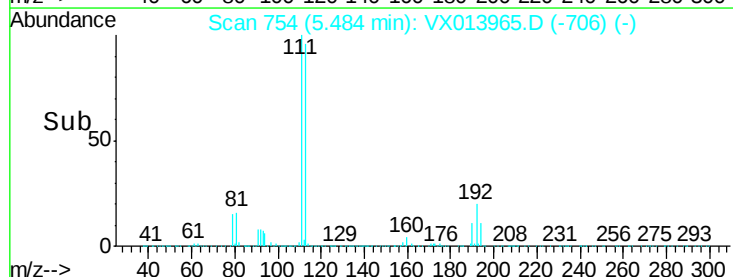
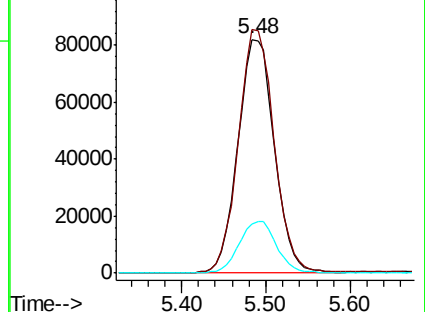
192 22.8 19.2 28.8

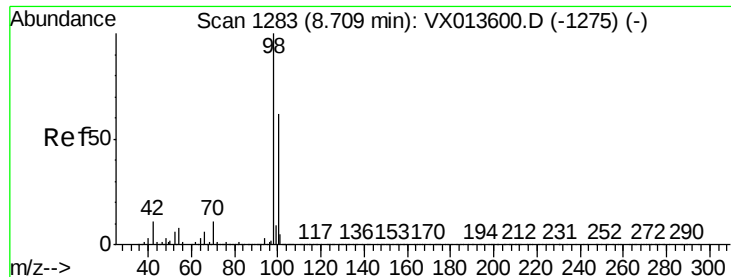


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.193 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013965.D

Acq: 12 Dec 2019 00:54

Instrument :

MSVOA_X

ClientSampleId :

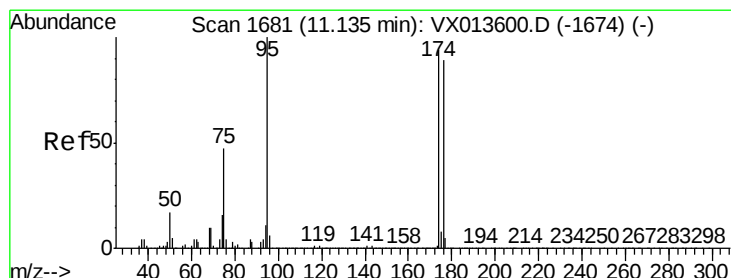
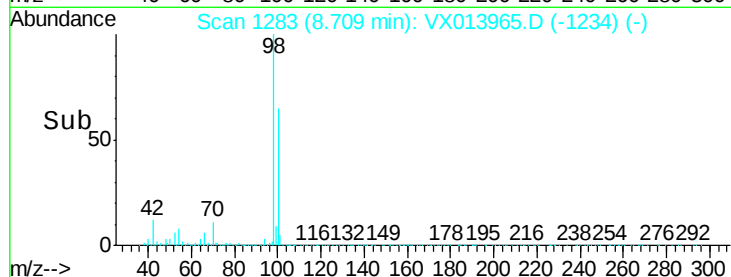
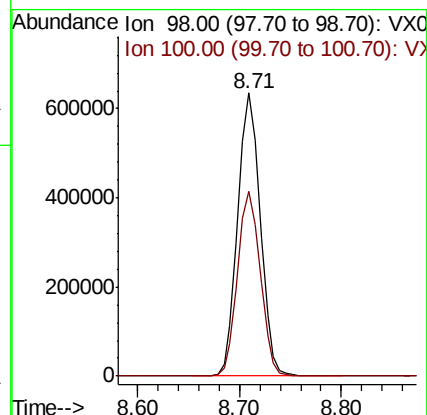
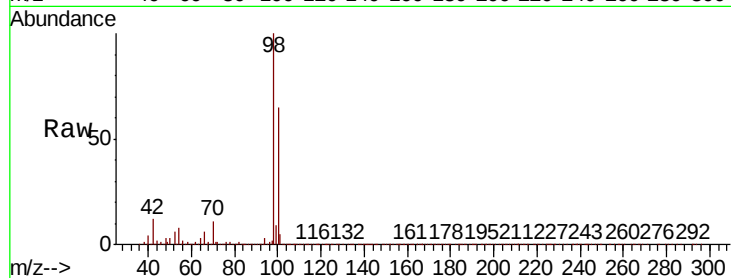
SA-PZ191I-20191208

Tot Ion: 98 Resp: 969975

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.205 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013965.D

Acq: 12 Dec 2019 00:54

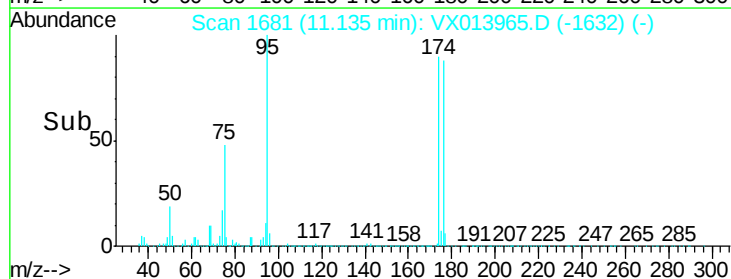
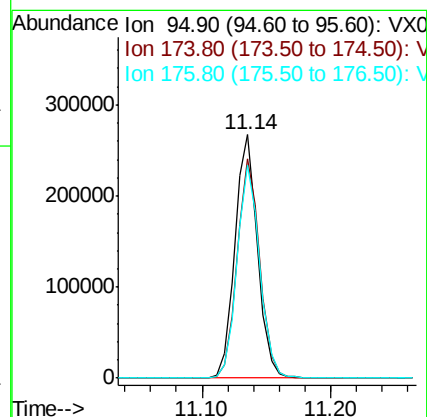
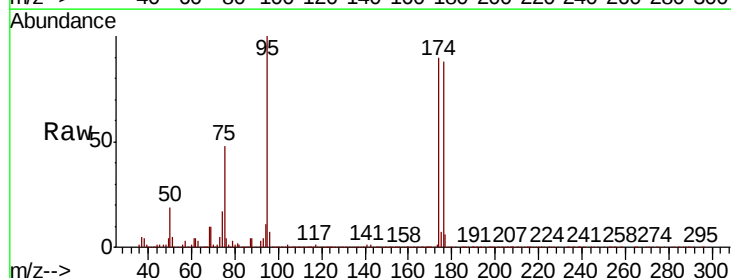
Tgt Ion: 95 Resp: 328530

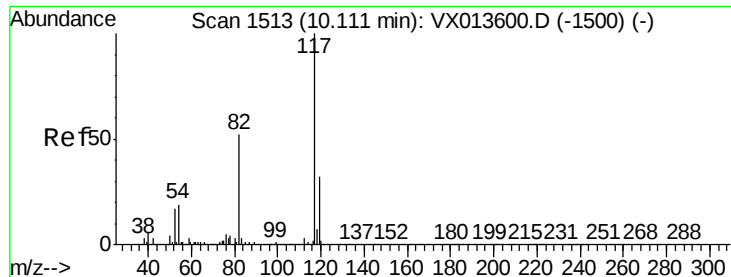
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 88.0 0.0 173.6

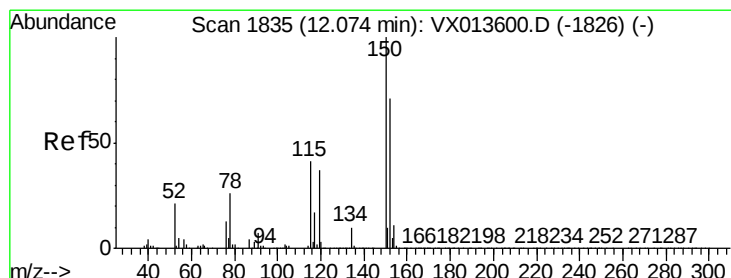
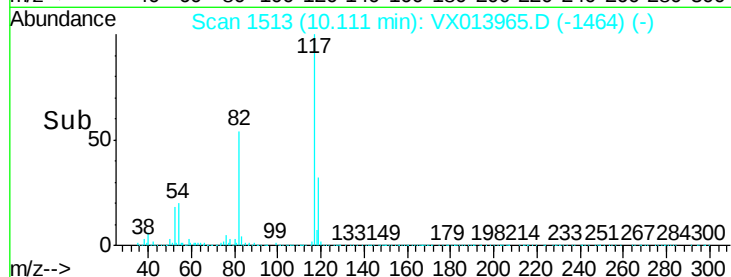
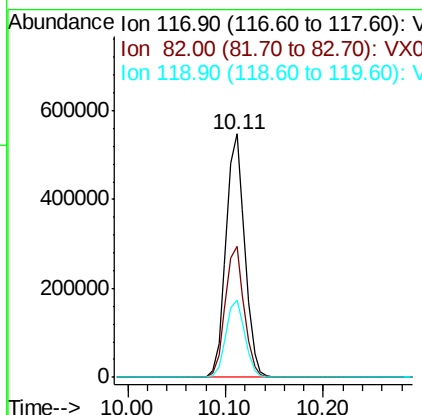
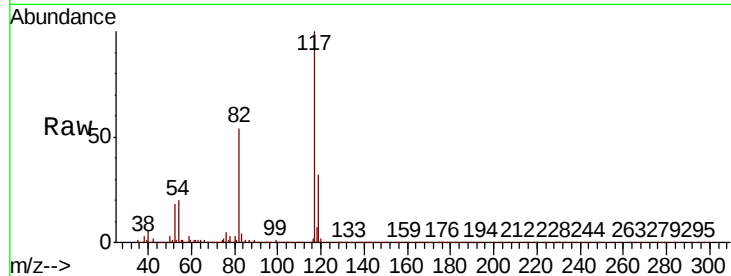




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013965.D
Acq: 12 Dec 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ191I-20191208

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.8	62.8
119	32.0	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013965.D
Acq: 12 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.4	115.1
150	155.9	0.0	346.8

