

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013973.D
 Acq On : 12 Dec 2019 14:26
 Operator : JC/SP
 Sample : K6249-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ191I-20191208

Quant Time: Dec 13 03:33:19 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

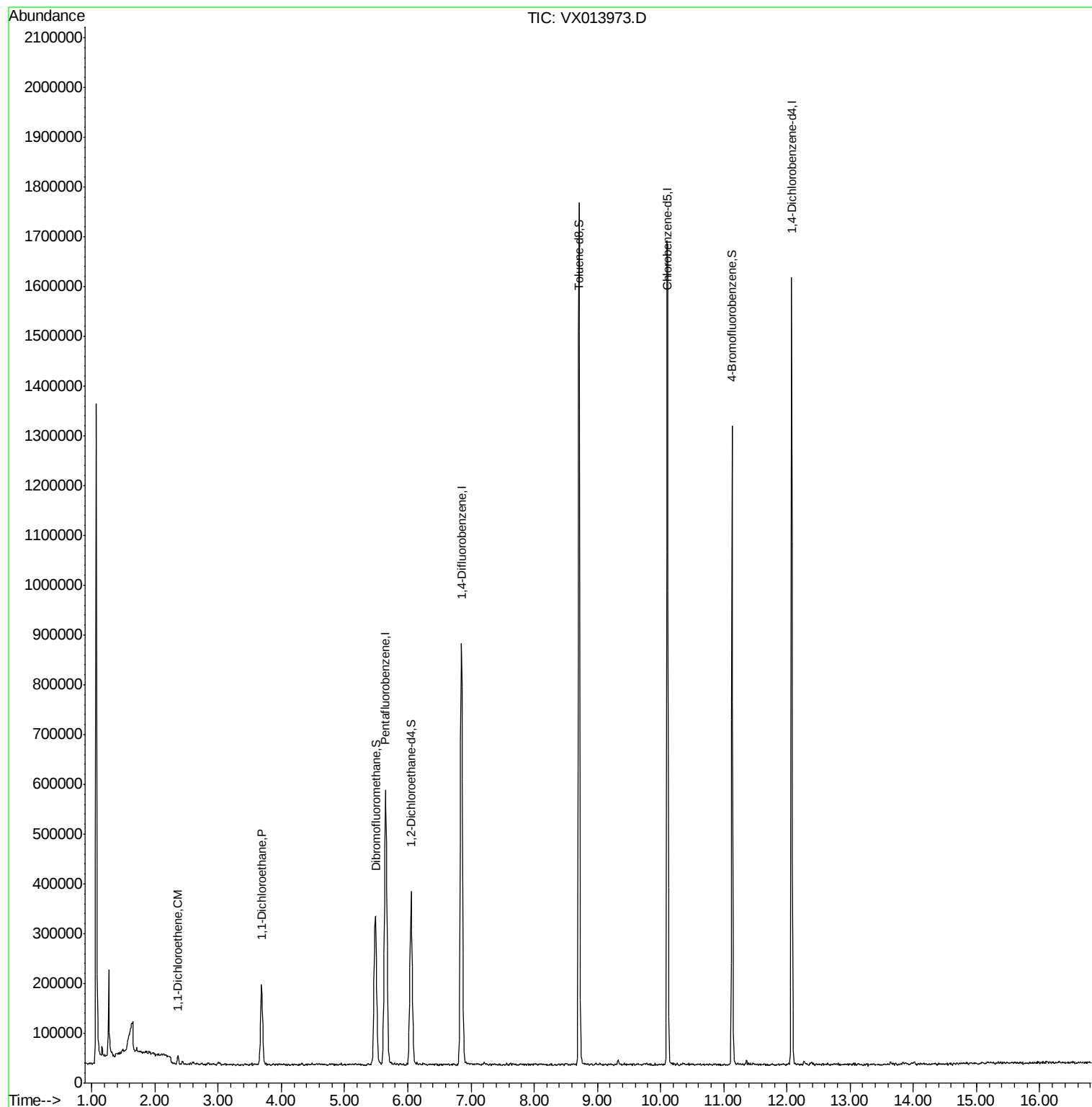
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	572322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	877021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	321806	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	5.48	113	258768	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	8.71	98	1031655	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	339431	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	6230	1.144	ug/l #	82
24) 1,1-Dichloroethane	3.69	63	185249	17.805	ug/l	99

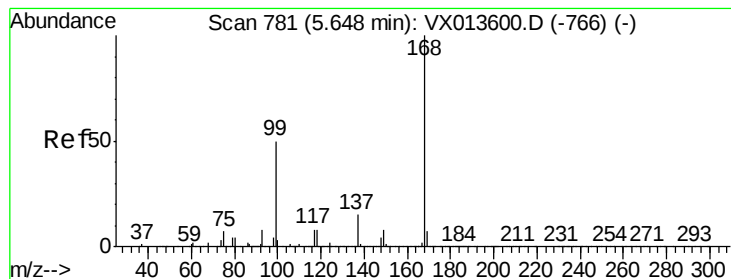
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 12 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

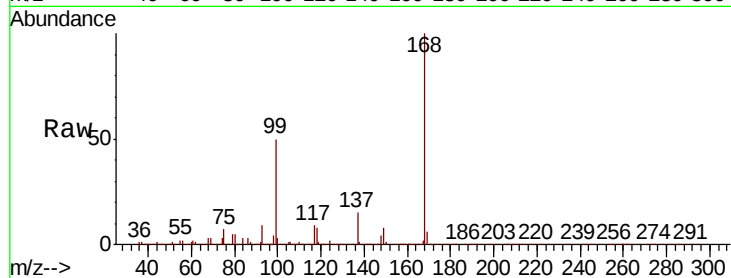
SA-PZ191I-20191208

Tot Ion:168 Resp: 572322

Ion Ratio Lower Upper

168 100

99 49.7 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

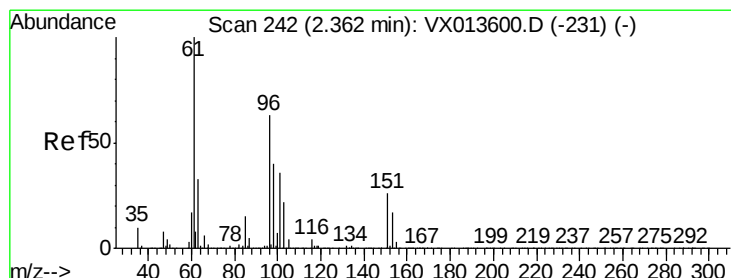
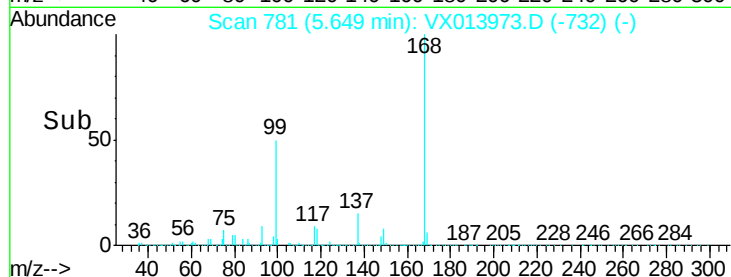
Time-->

5.50

5.60

5.70

5.80



#12

1,1-Dichloroethene

Concen: 1.144 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013973.D

Acq: 12 Dec 2019 14:26

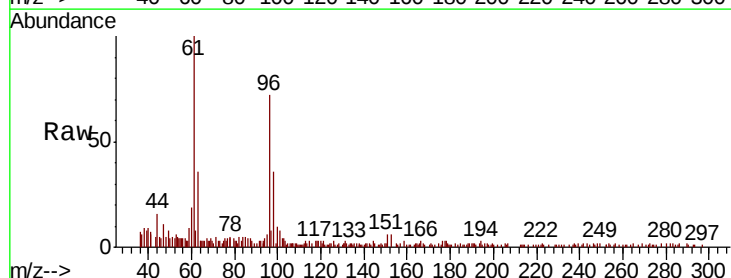
Tgt Ion: 96 Resp: 6230

Ion Ratio Lower Upper

96 100

61 136.9 126.6 190.0

98 47.3 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

8000

6000

4000

2000

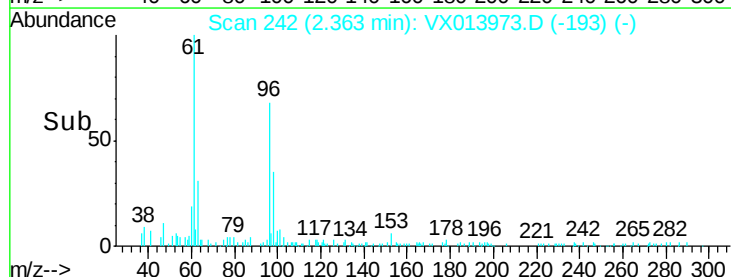
0

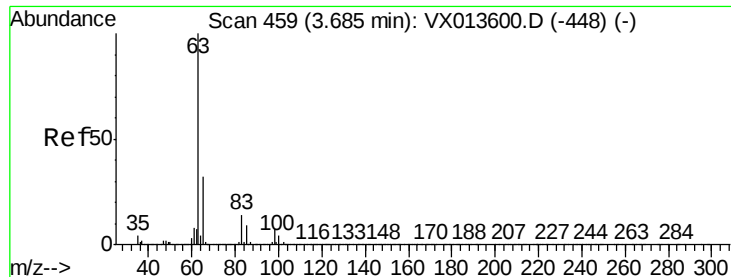
Time-->

2.30

2.35

2.40





#24

1,1-Dichloroethane

Concen: 17.805 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013973.D

Acq: 12 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ191I-20191208

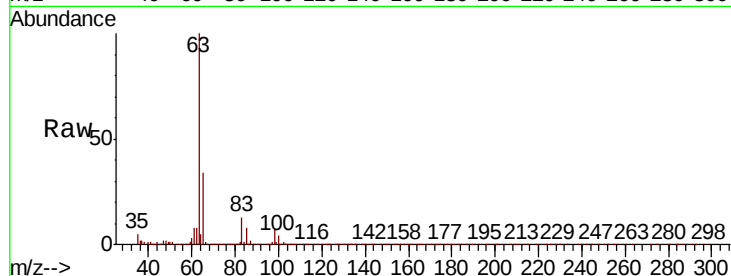
Tot Ion: 63 Resp: 185249

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.2 2.1 6.3

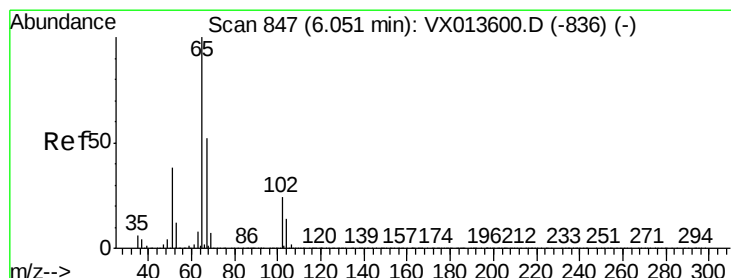
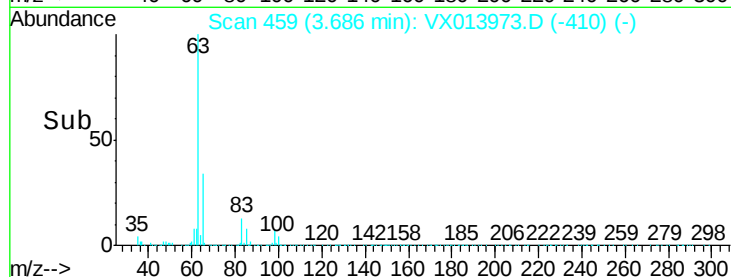


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.440 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013973.D

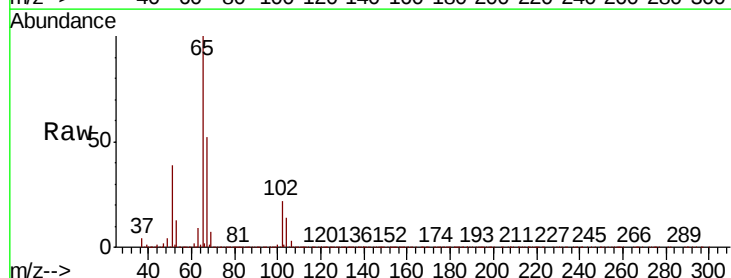
Acq: 12 Dec 2019 14:26

Tgt Ion: 65 Resp: 321806

Ion Ratio Lower Upper

65 100

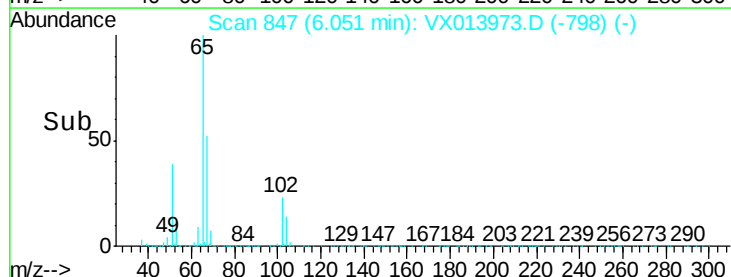
67 53.0 0.0 104.4

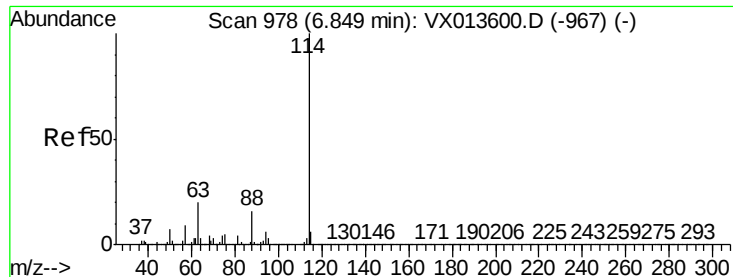


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013973.D

Acq: 12 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ191I-20191208

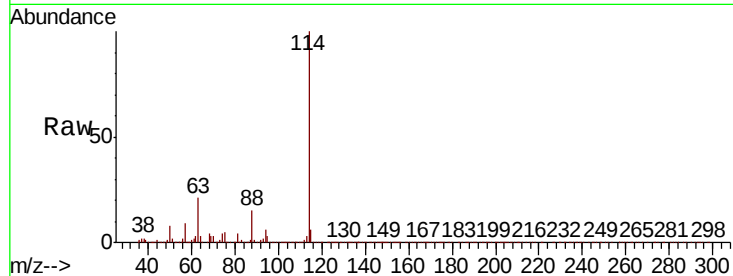
Tot Ion:114 Resp: 877021

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 15.4 0.0 31.4



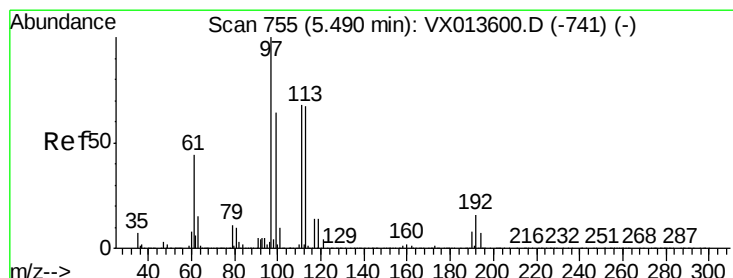
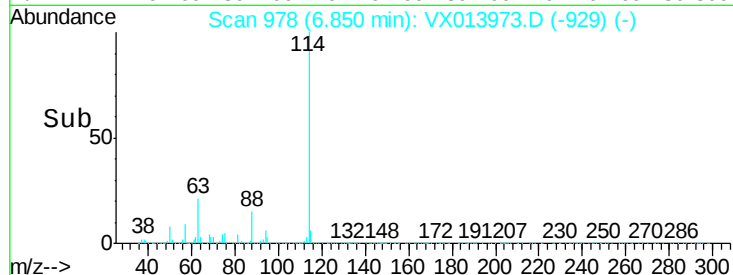
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->



#35

Dibromofluoromethane

Concen: 47.727 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013973.D

Acq: 12 Dec 2019 14:26

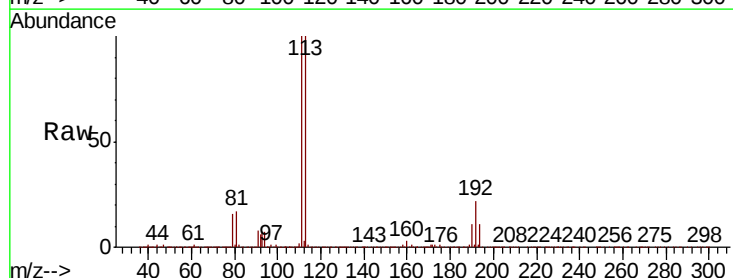
Tgt Ion:113 Resp: 258768

Ion Ratio Lower Upper

113 100

111 103.3 83.6 125.4

192 23.5 19.2 28.8



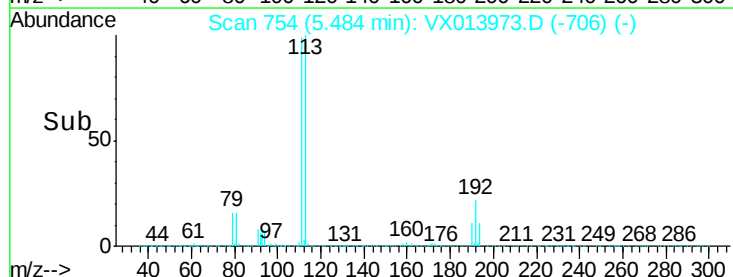
Abundance Ion 112.80 (112.50 to 113.50): V

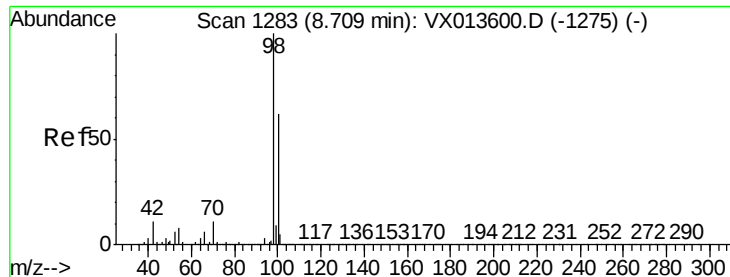
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48

Time-->





#50

Toluene-d8

Concen: 48.838 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013973.D

Acq: 12 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

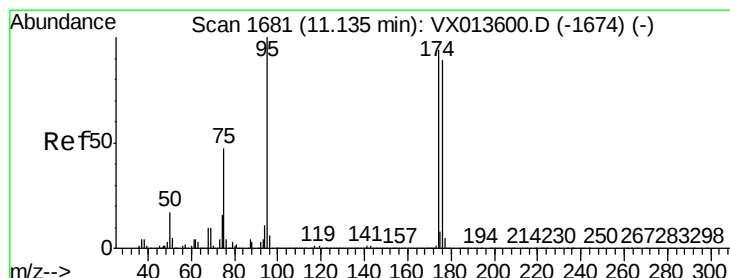
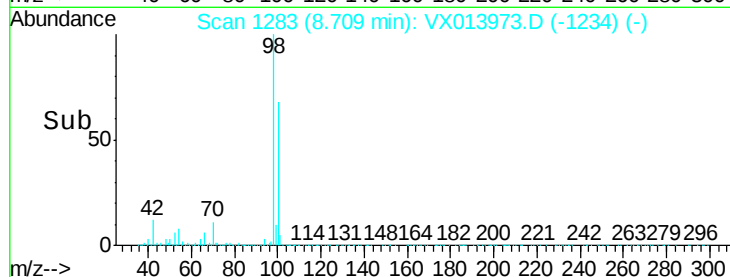
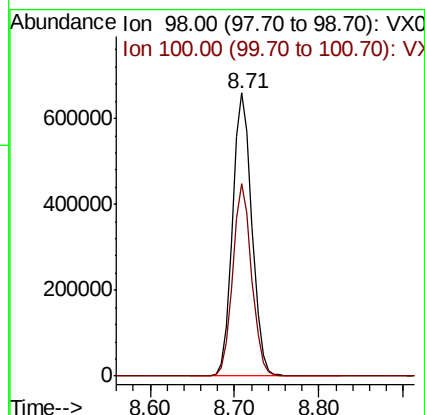
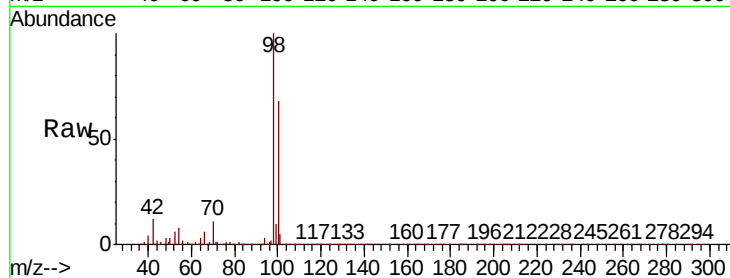
SA-PZ191I-20191208

Tot Ion: 98 Resp: 1031655

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.560 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013973.D

Acq: 12 Dec 2019 14:26

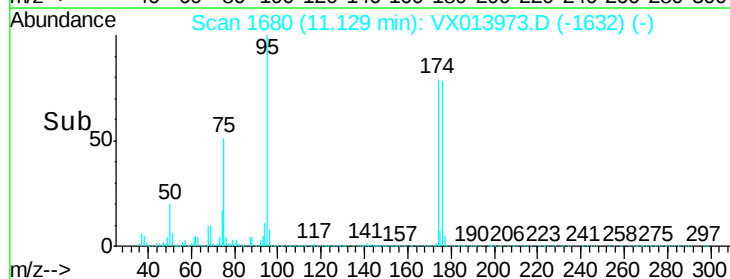
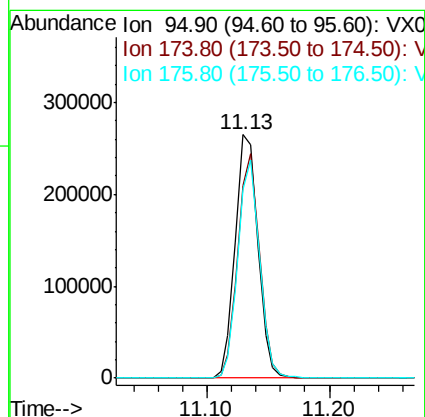
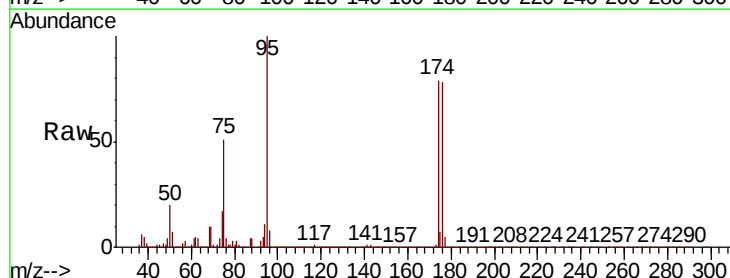
Tgt Ion: 95 Resp: 339431

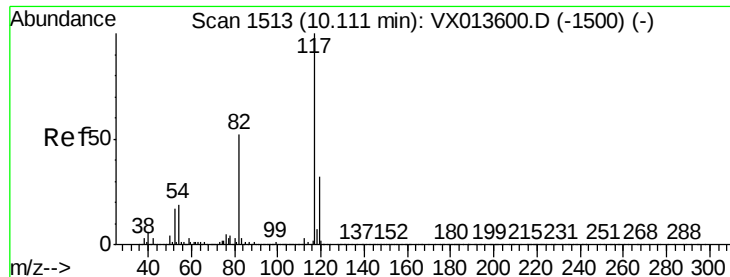
Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.0

176 85.8 0.0 173.6

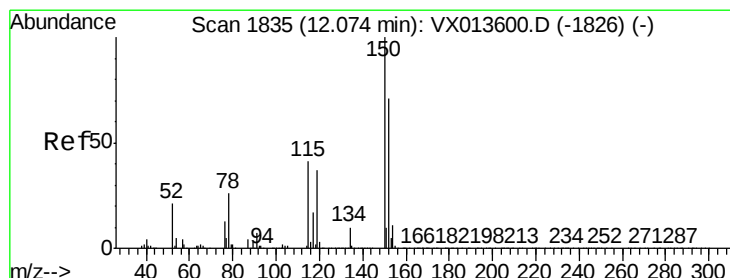
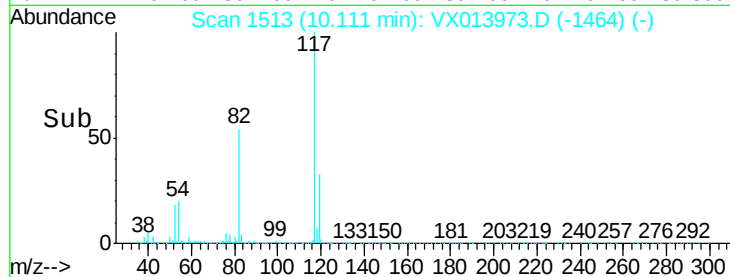
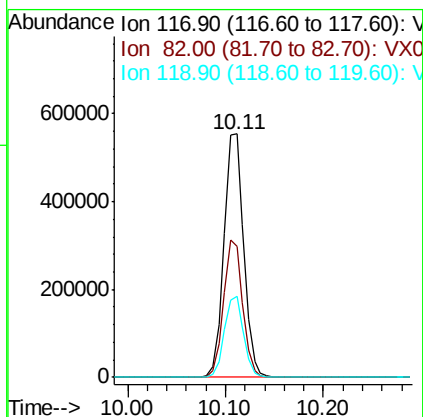
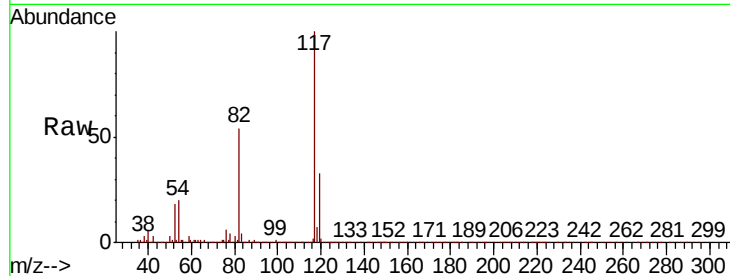




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013973.D
Acq: 12 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ191I-20191208

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.8	62.8
119	33.4	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: VX013973.D
Acq: 12 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	38.4	115.1
150	154.3	0.0	346.8

