

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013981.D
 Acq On : 12 Dec 2019 17:32
 Operator : JC/SP
 Sample : K6249-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ190I-20191208DL

Quant Time: Dec 18 17:04:10 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

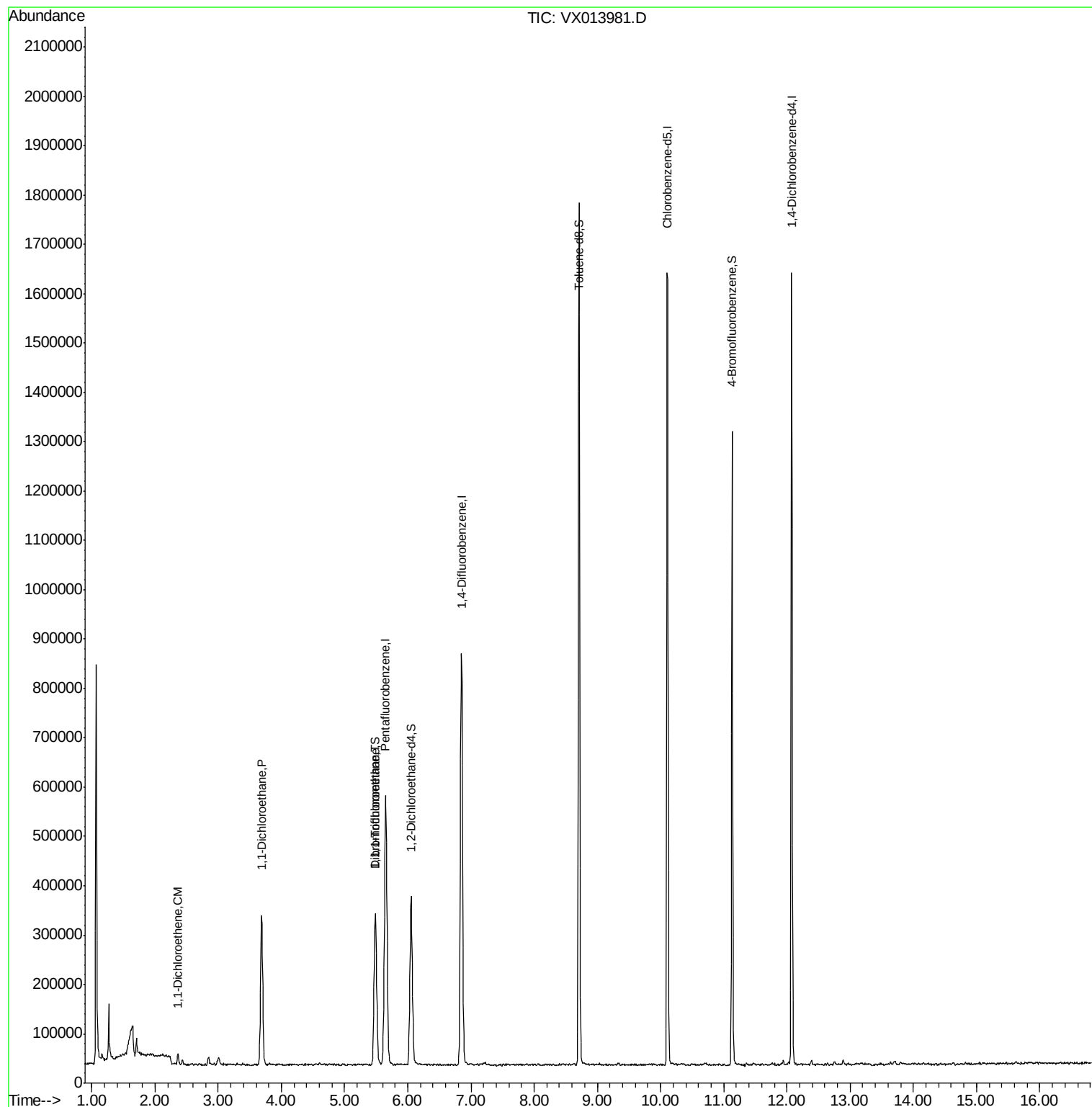
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	564738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	872962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	769854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	317597	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	5.48	113	259742	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	8.71	98	1019837	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.13	95	342002	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	8490	1.580	ug/l	96
24) 1,1-Dichloroethane	3.69	63	354873	34.566	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	9676	1.112	ug/l #	40

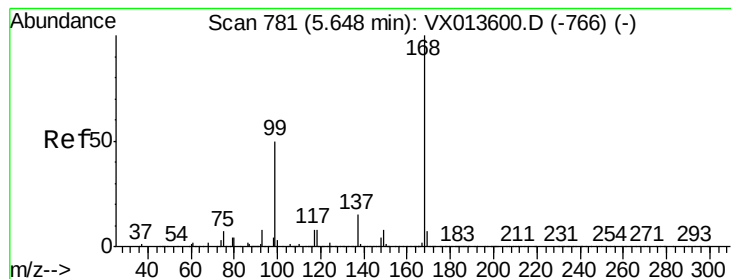
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121219\
Data File : VX013981.D
Acq On : 12 Dec 2019 17:32
Operator : JC/SP
Sample : K6249-07DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208DL

Quant Time: Dec 18 17:04:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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: VX013981.D

Acq: 12 Dec 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

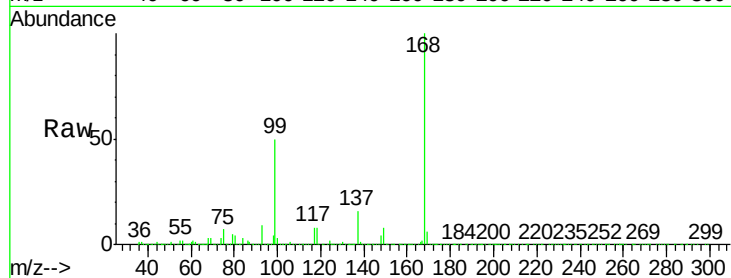
SA-PZ190I-20191208DL

Tot Ion:168 Resp: 564738

Ion Ratio Lower Upper

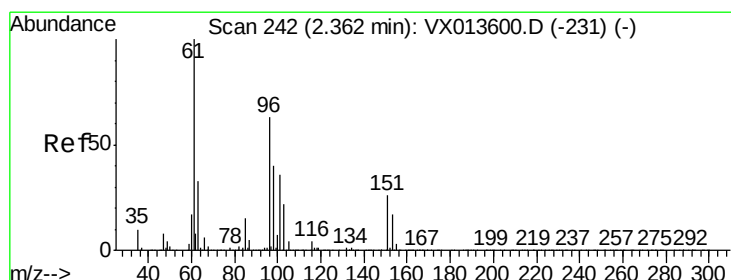
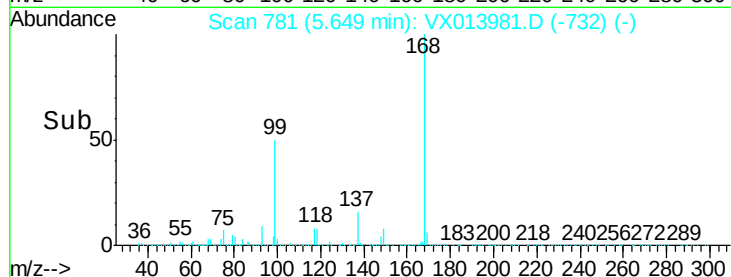
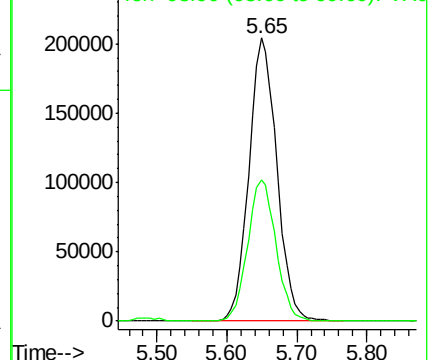
168 100

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



#12

1,1-Dichloroethene

Concen: 1.580 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013981.D

Acq: 12 Dec 2019 17:32

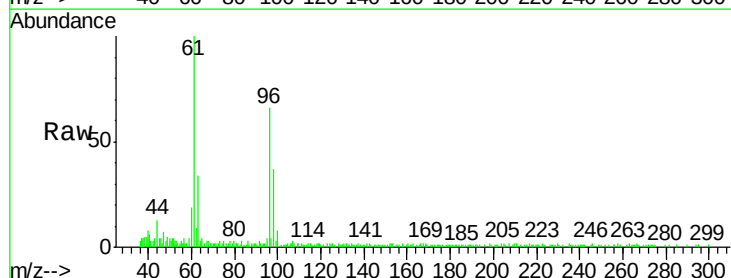
Tgt Ion: 96 Resp: 8490

Ion Ratio Lower Upper

96 100

61 155.9 126.6 190.0

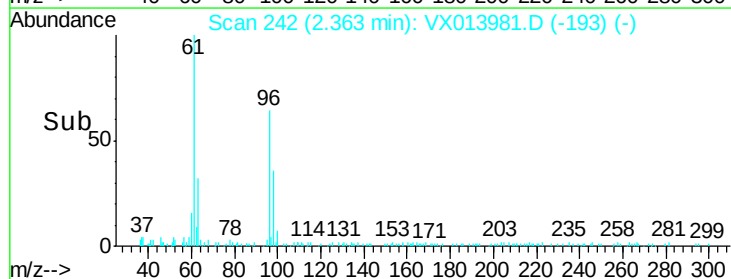
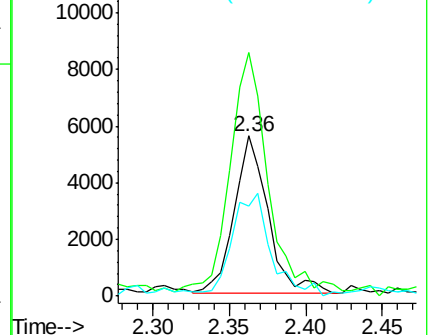
98 56.2 50.6 76.0

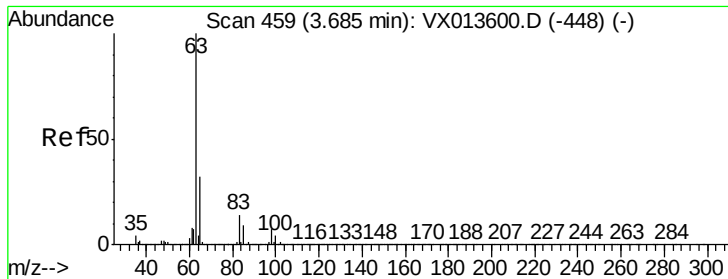


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 34.566 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013981.D

Acq: 12 Dec 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208DL

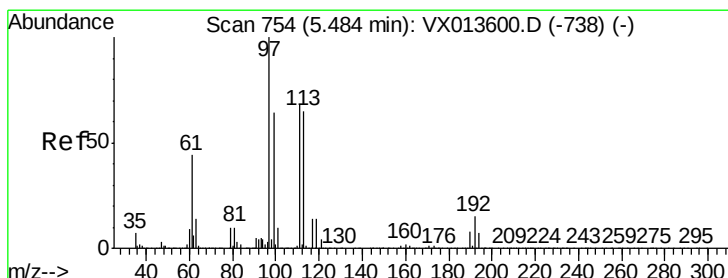
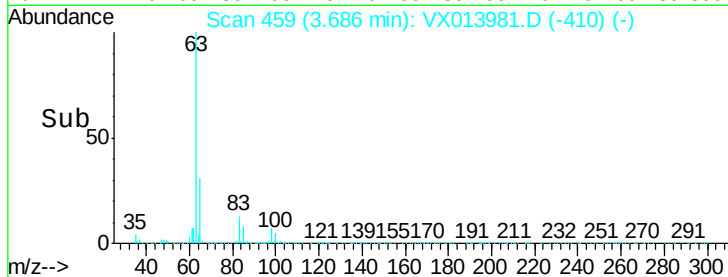
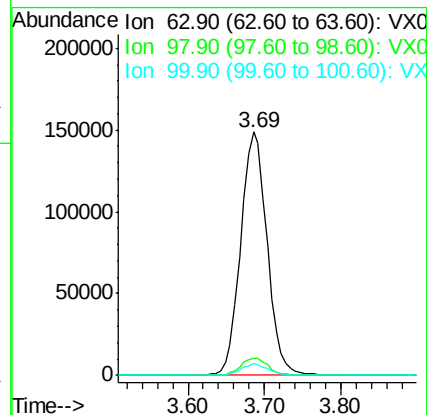
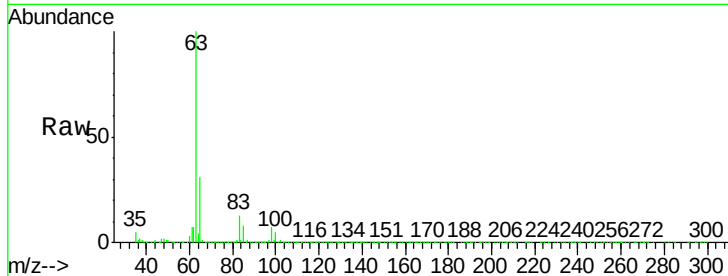
Tot Ion: 63 Resp: 354873

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.7 2.1 6.3



#32

1,1,1-Trichloroethane

Concen: 1.112 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013981.D

Acq: 12 Dec 2019 17:32

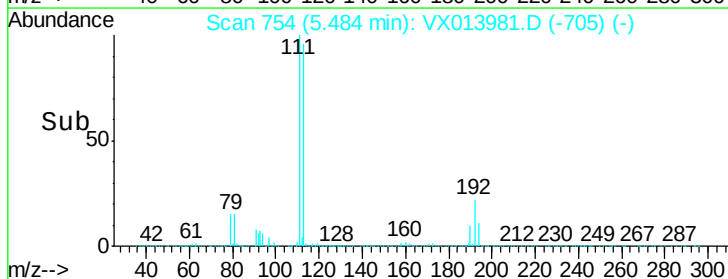
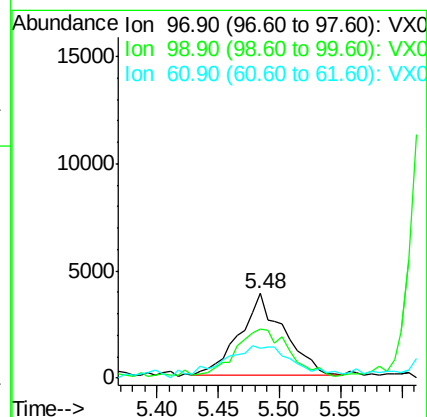
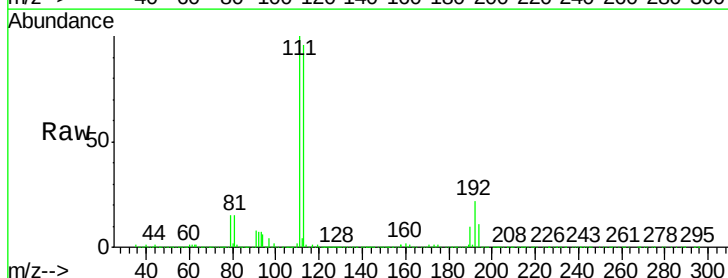
Tgt Ion: 97 Resp: 9676

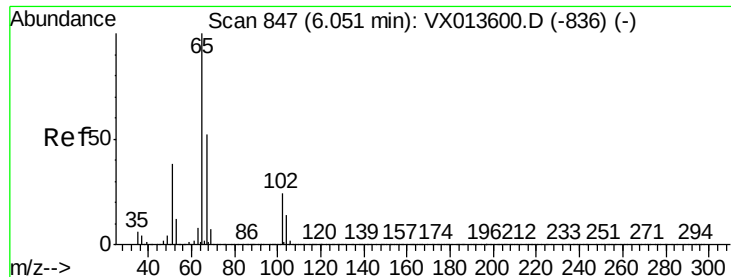
Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

61 64.5 36.1 54.1#

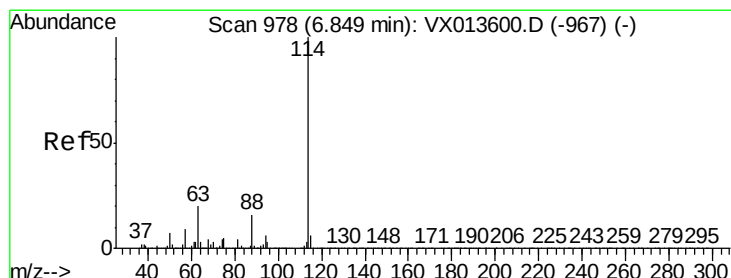
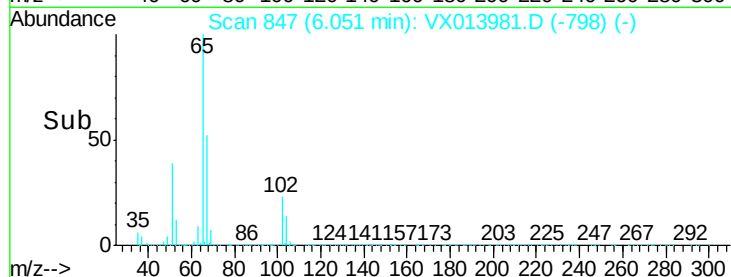
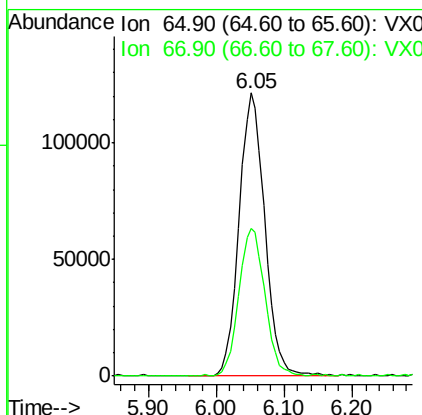
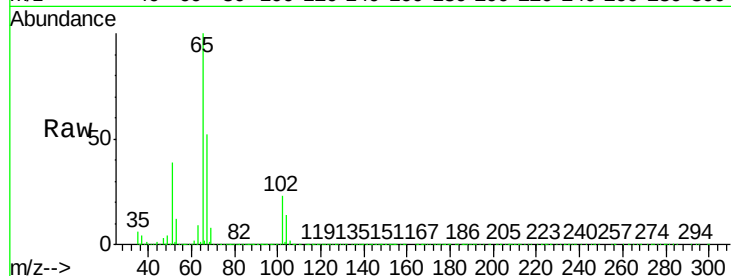




#33
 1,2-Dichloroethane-d4
 Concen: 48.449 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013981.D
 Acq: 12 Dec 2019 17:32

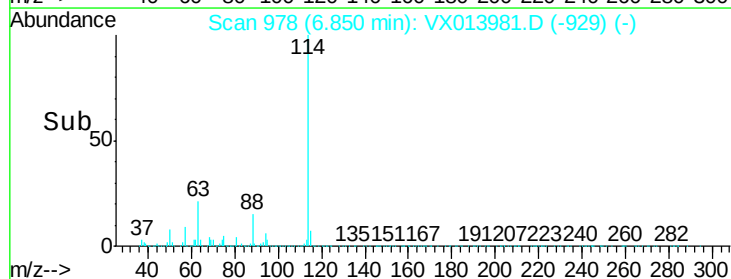
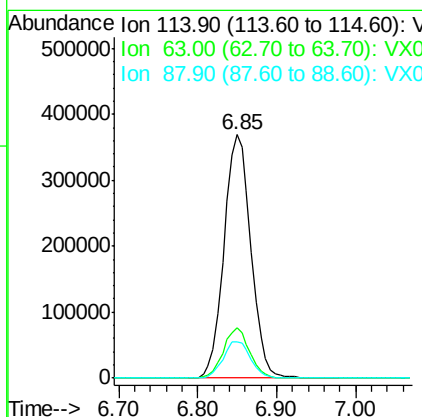
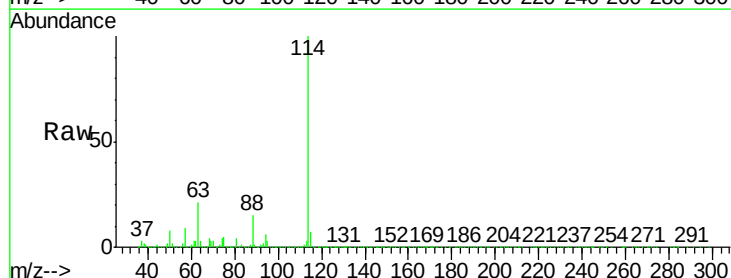
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ190I-20191208DL

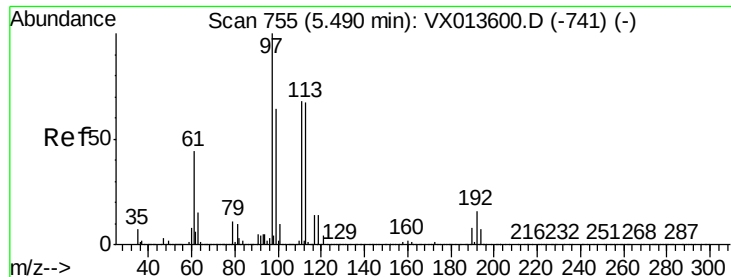
Tot Ion: 65 Resp: 317597
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013981.D
 Acq: 12 Dec 2019 17:32

Tgt Ion: 114 Resp: 872962
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.129 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013981.D

Acq: 12 Dec 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208DL

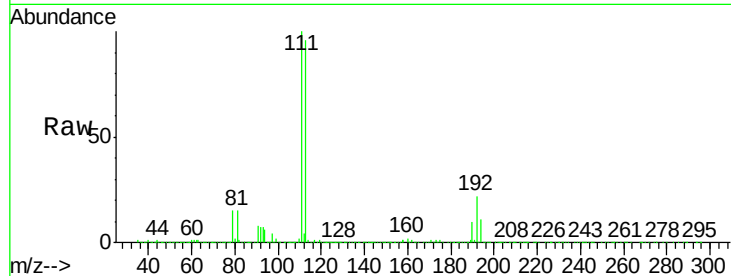
Tot Ion:113 Resp: 259742

Ion Ratio Lower Upper

113 100

111 101.7 83.6 125.4

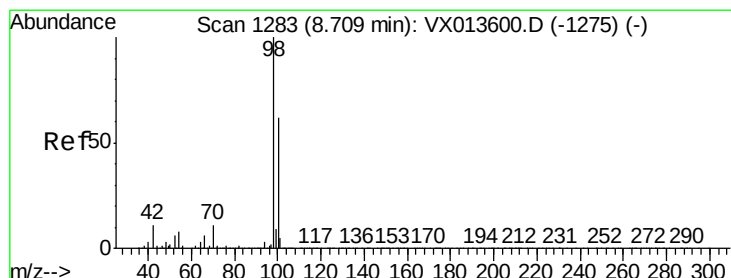
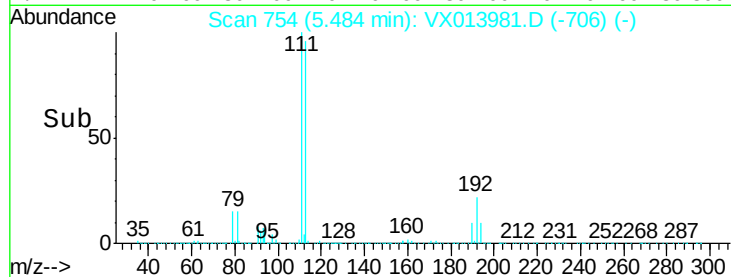
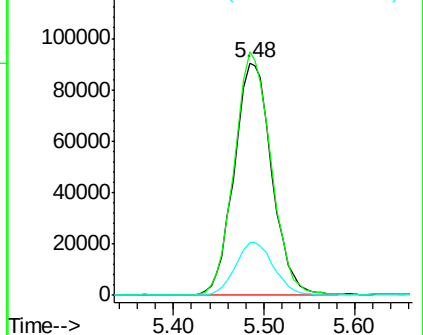
192 23.5 19.2 28.8



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



#50

Toluene-d8

Concen: 48.503 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013981.D

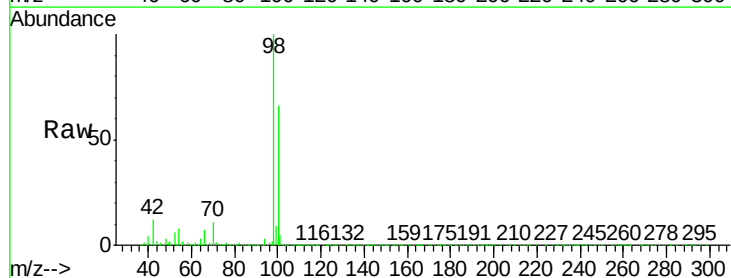
Acq: 12 Dec 2019 17:32

Tgt Ion: 98 Resp: 1019837

Ion Ratio Lower Upper

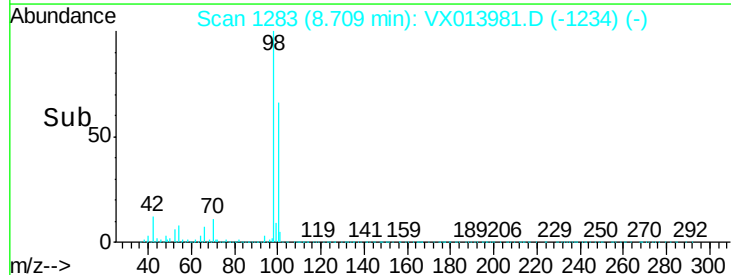
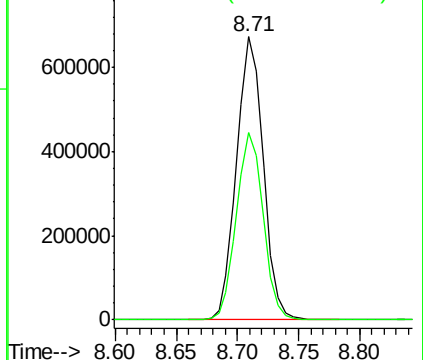
98 100

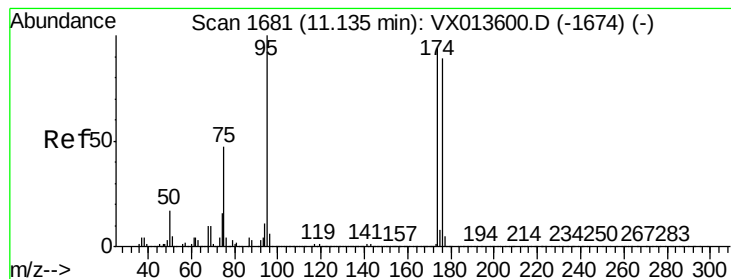
100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.106 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013981.D

Acq: 12 Dec 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208DL

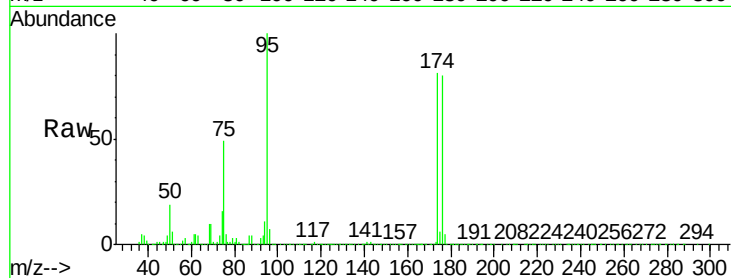
Tot Ion: 95 Resp: 342002

Ion Ratio Lower Upper

95 100

174 88.1 0.0 180.0

176 85.7 0.0 173.6

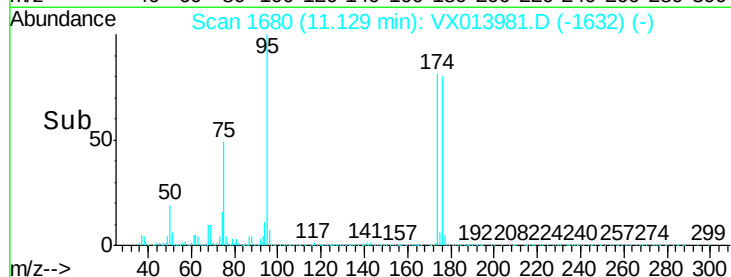


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->

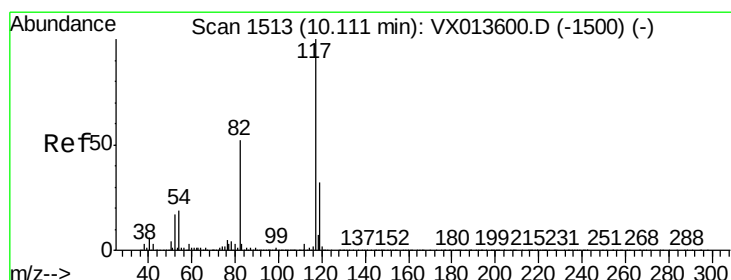


Abundance Ion 94.90 (94.60 to 95.60): VX013981.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013981.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013981.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013981.D

Acq: 12 Dec 2019 17:32

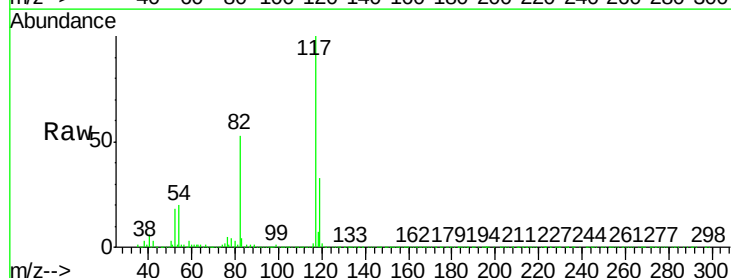
Tgt Ion: 117 Resp: 769854

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

119 32.6 25.8 38.8

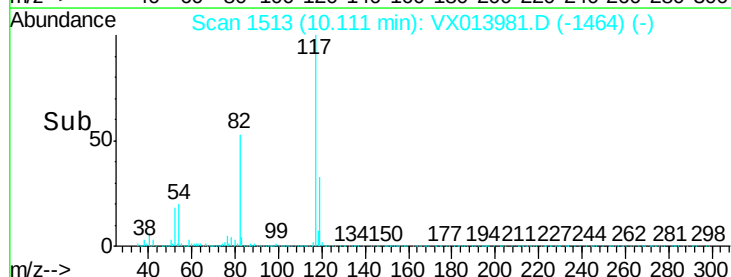


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->

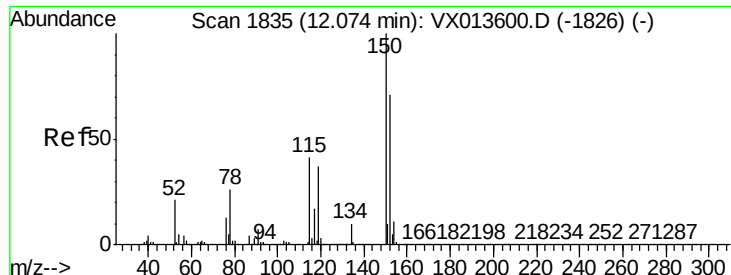


Abundance Ion 116.90 (116.60 to 117.60): VX013981.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013981.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013981.D (-1464) (-)

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: VX013981.D

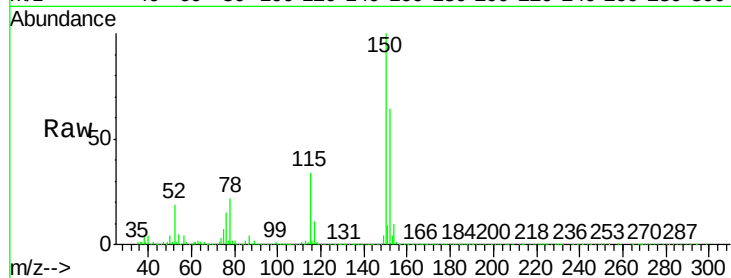
Acq: 12 Dec 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ190I-20191208DL



Tot Ion:152 Resp: 335402

Ion Ratio Lower Upper

152 100

115 54.7 38.4 115.1

150 157.4 0.0 346.8

