

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018236.D
 Acq On : 03 Sep 2020 15:44
 Operator : JC/SP
 Sample : L3903-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123I-20200902

Quant Time: Sep 04 06:30:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

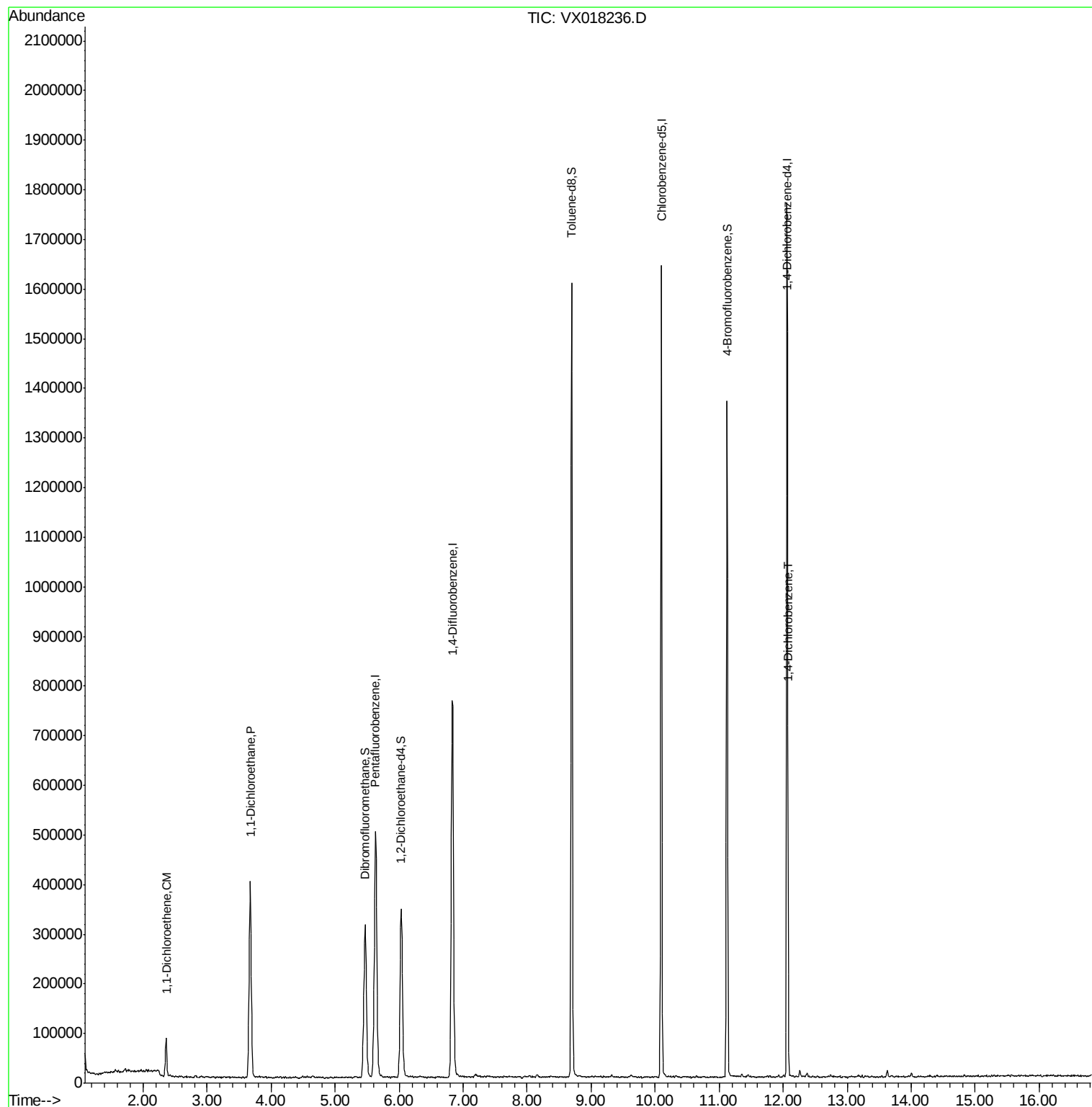
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	446024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	764345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	719540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	355154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	335853	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
35) Dibromofluoromethane	5.47	113	265272	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	8.70	98	927100	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.12	95	339081	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	25390	5.825	ug/l	95
24) 1,1-Dichloroethane	3.67	63	442344	50.276	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	4932	0.433	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018236.D

Acq: 03 Sep 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

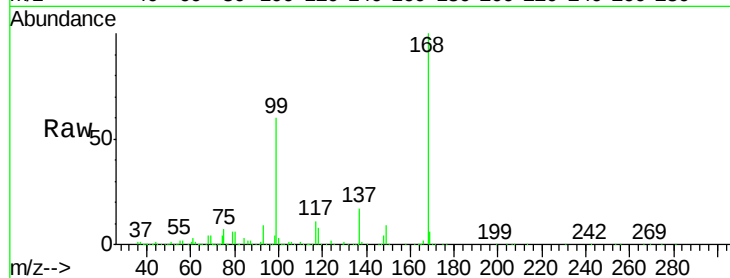
SA-PZ123I-20200902

Tot Ion:168 Resp: 446024

Ion Ratio Lower Upper

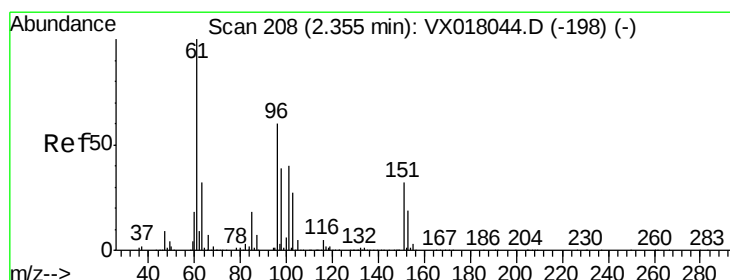
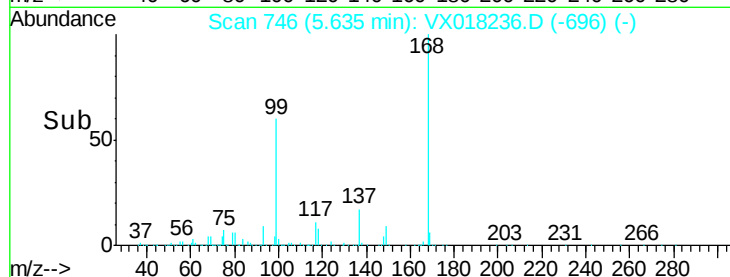
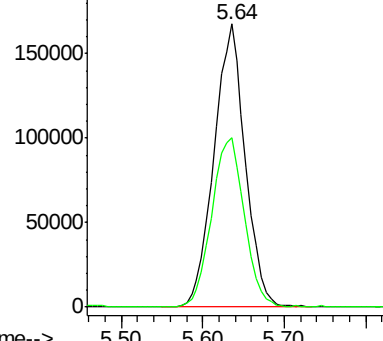
168 100

99 59.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 5.825 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018236.D

Acq: 03 Sep 2020 15:44

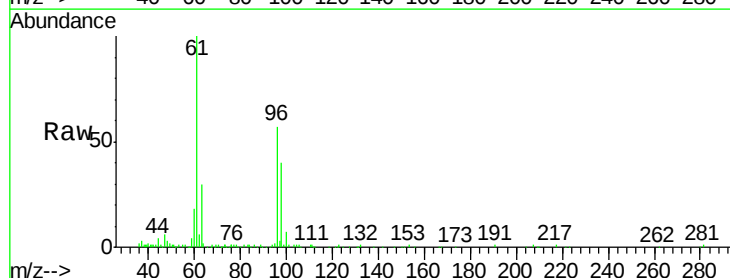
Tgt Ion: 96 Resp: 25390

Ion Ratio Lower Upper

96 100

61 172.4 133.0 199.4

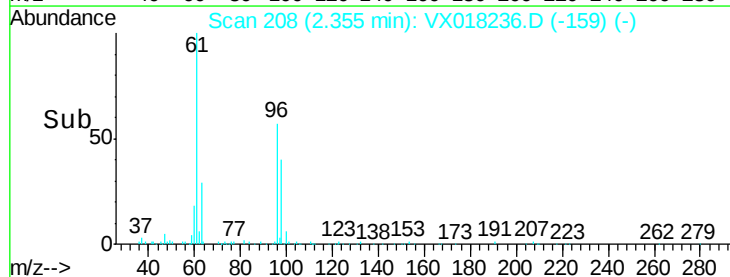
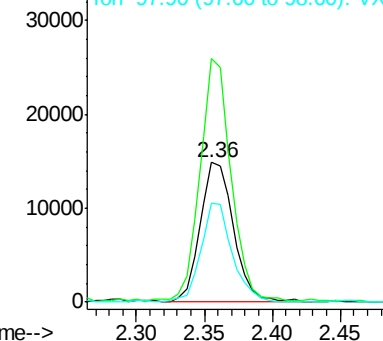
98 70.6 51.6 77.4

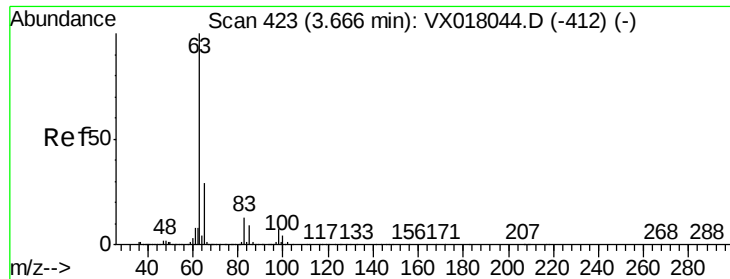


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 50.276 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018236.D

Acq: 03 Sep 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123I-20200902

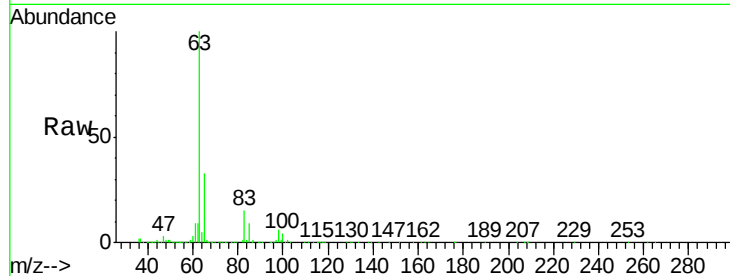
Tot Ion: 63 Resp: 442344

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

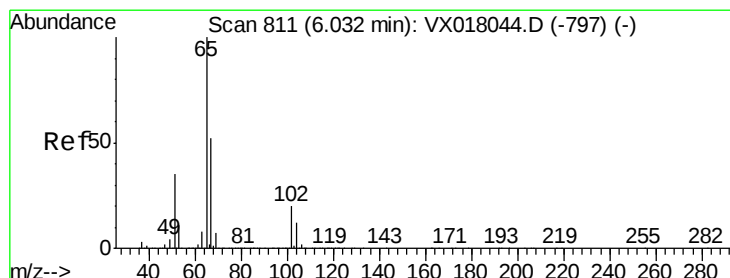
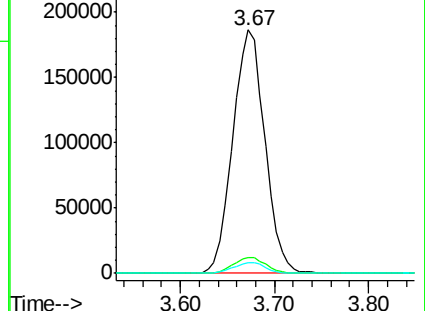
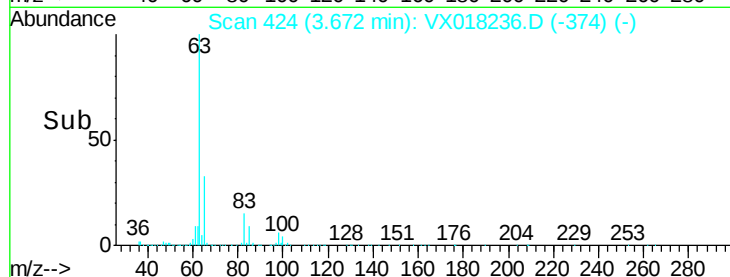
100 4.2 2.0 6.0



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: 54.240 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018236.D

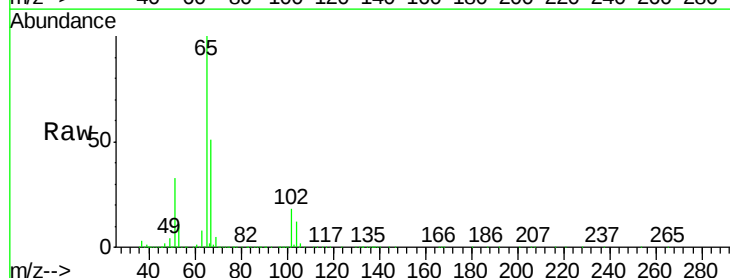
Acq: 03 Sep 2020 15:44

Tgt Ion: 65 Resp: 335853

Ion Ratio Lower Upper

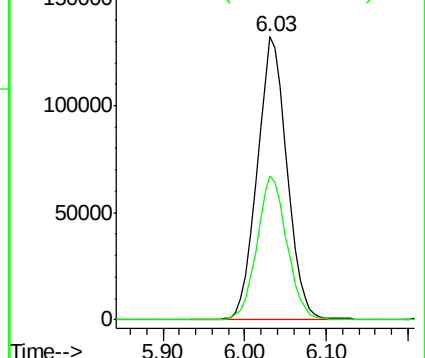
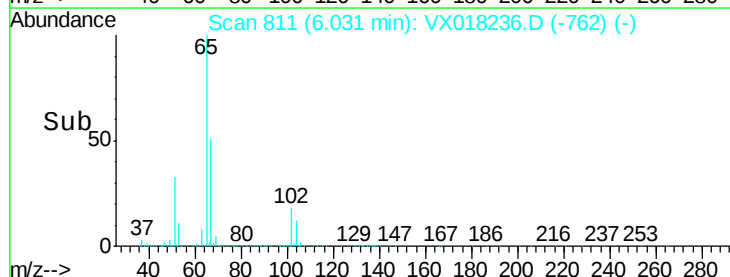
65 100

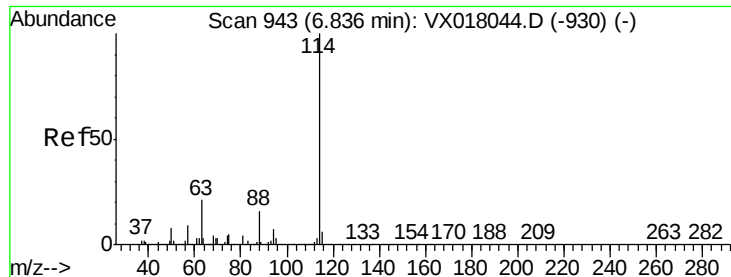
67 51.4 0.0 105.8



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: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018236.D

Acq: 03 Sep 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123I-20200902

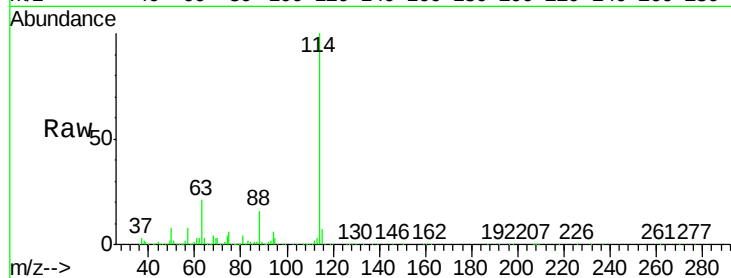
Tot Ion:114 Resp: 764345

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

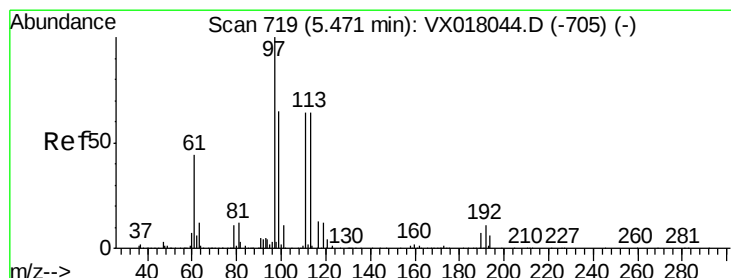
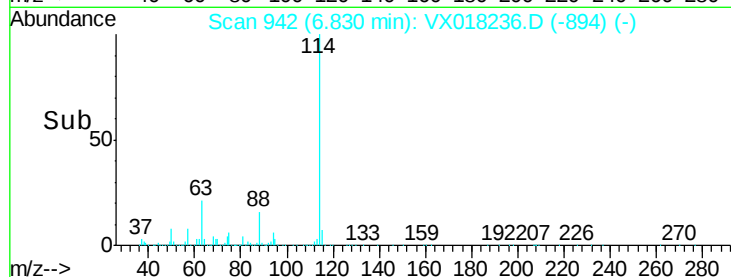
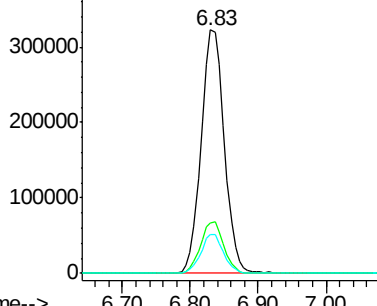
88 15.8 0.0 31.8



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: 50.959 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018236.D

Acq: 03 Sep 2020 15:44

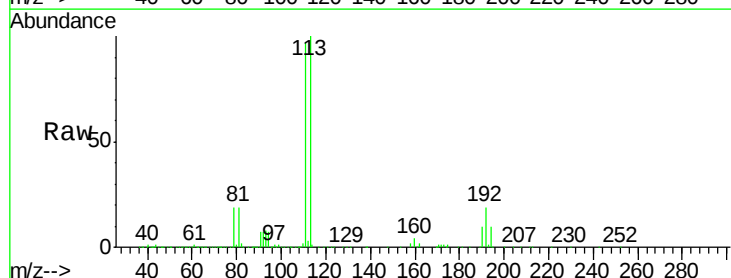
Tgt Ion:113 Resp: 265272

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

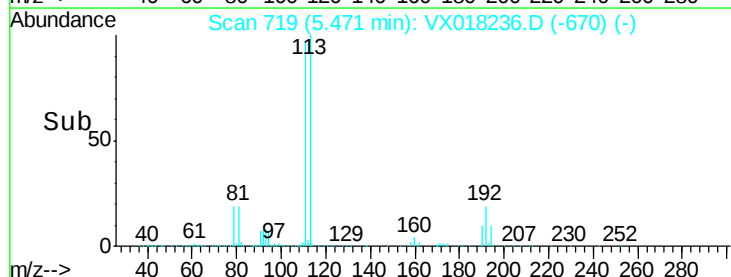
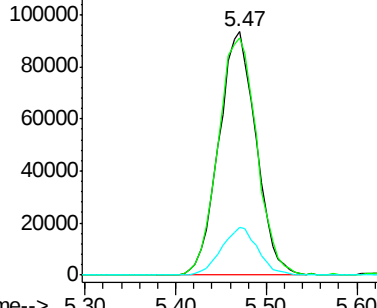
192 19.4 15.8 23.8

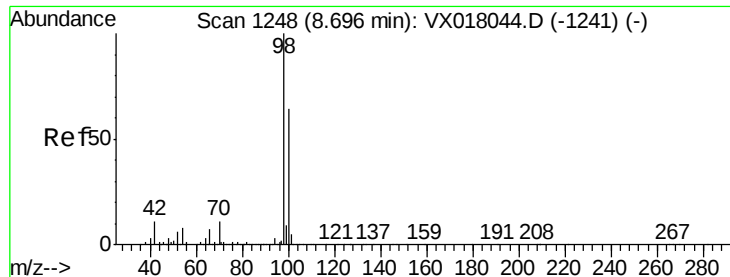


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.817 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018236.D

Acq: 03 Sep 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

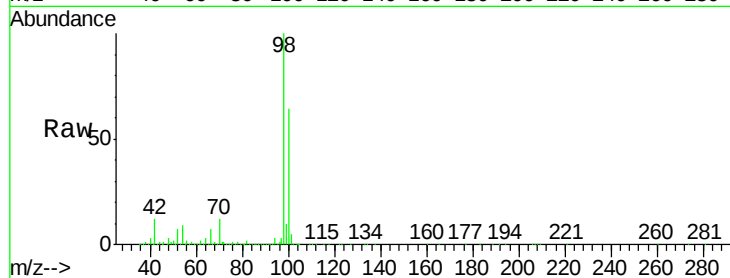
SA-PZ123I-20200902

Tot Ion: 98 Resp: 927100

Ion Ratio Lower Upper

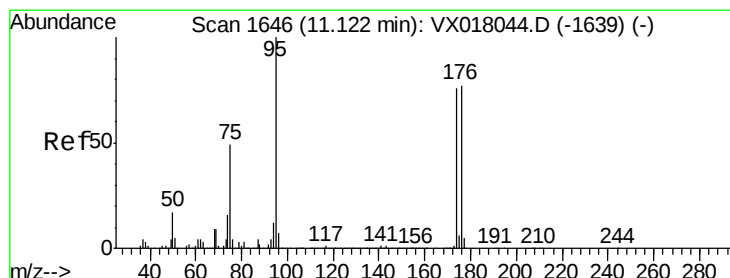
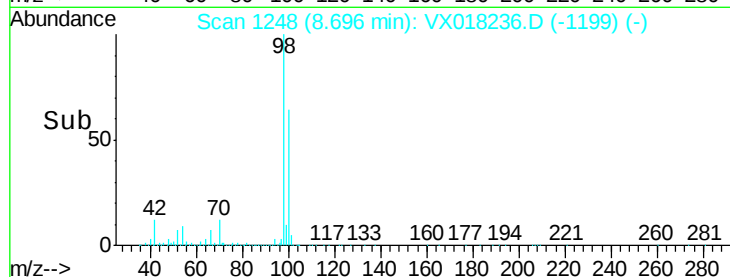
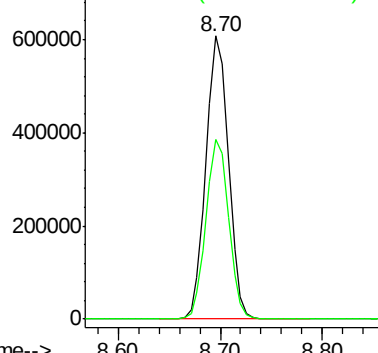
98 100

100 63.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.451 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018236.D

Acq: 03 Sep 2020 15:44

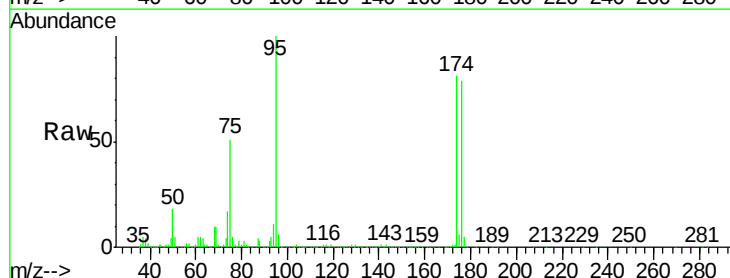
Tgt Ion: 95 Resp: 339081

Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.2

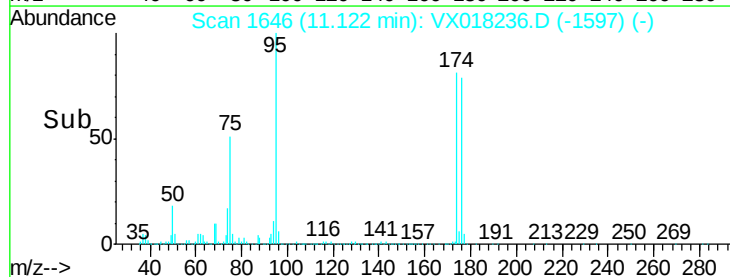
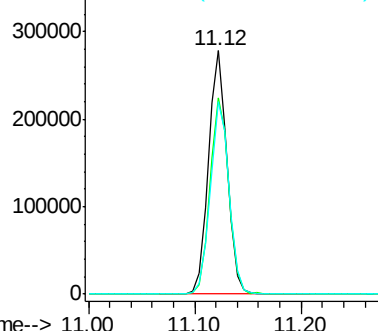
176 80.1 0.0 155.8

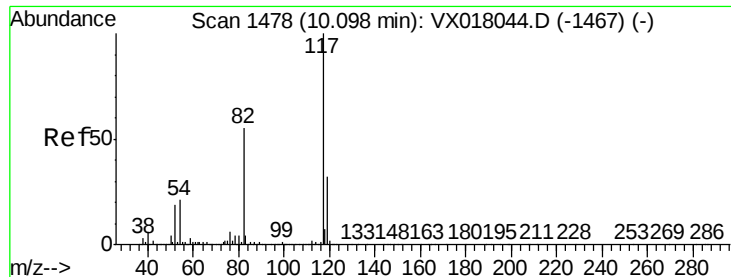


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

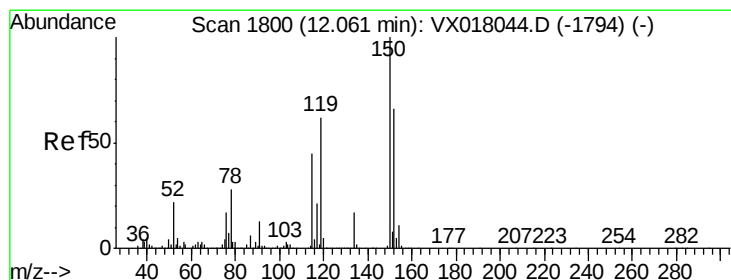
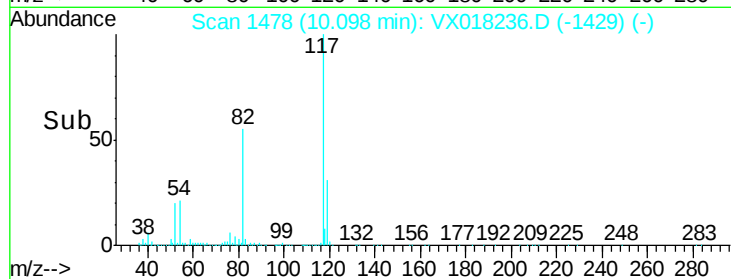
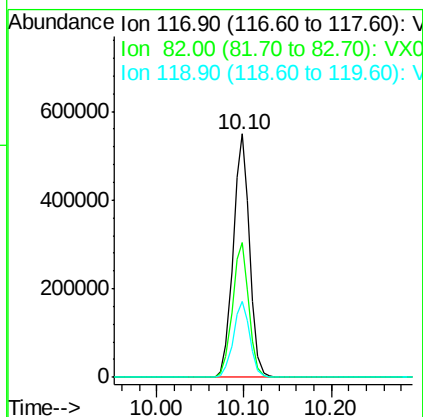
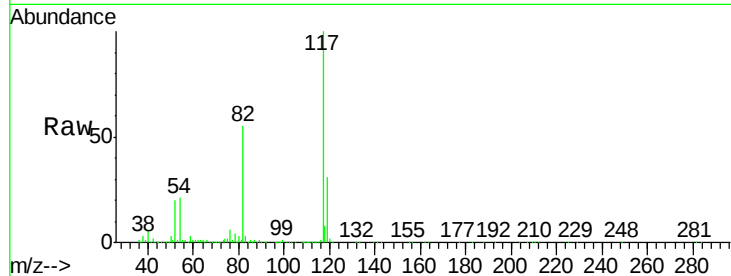




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018236.D
Acq: 03 Sep 2020 15:44

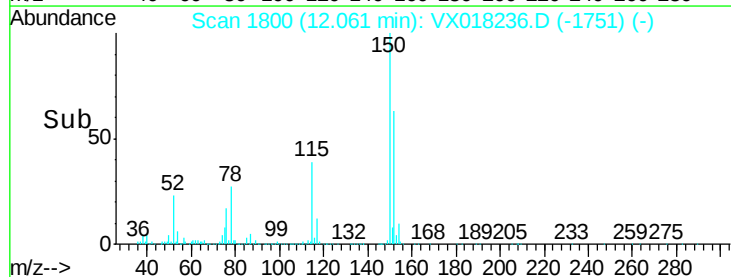
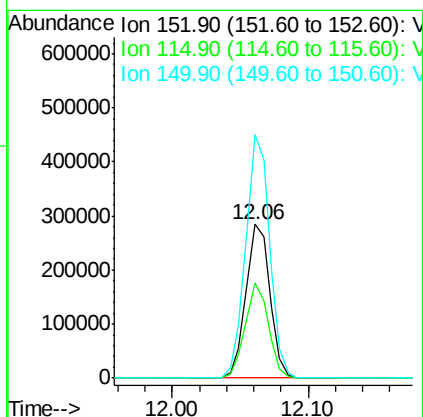
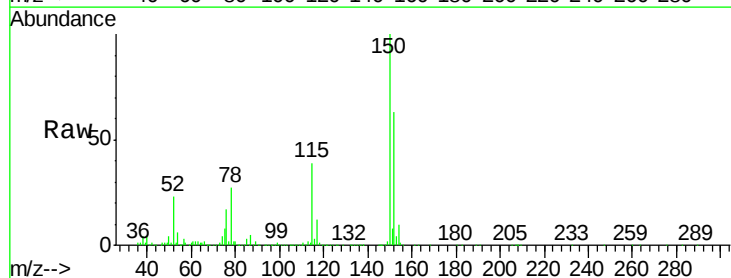
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123I-20200902

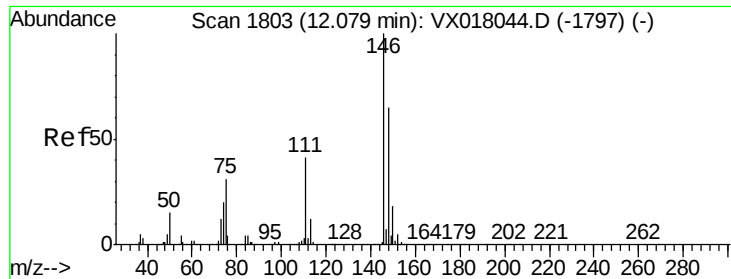
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.2
119	31.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018236.D
Acq: 03 Sep 2020 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.5	124.5
150	156.8	0.0	343.8





#88

1,4-Dichlorobenzene

Concen: 0.433 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018236.D

Acq: 03 Sep 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123I-20200902

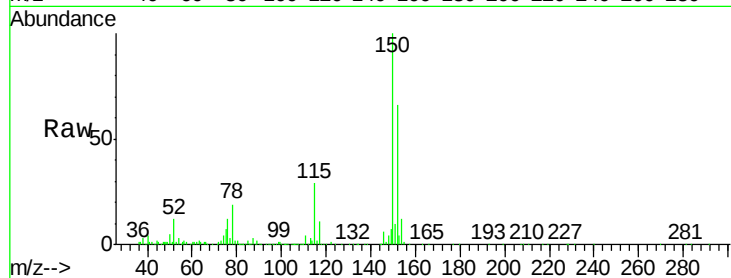
Tot Ion:146 Resp: 4932

Ion Ratio Lower Upper

146 100

111 142.9 20.3 60.8#

148 93.2 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

