

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015248.D
 Acq On : 13 Mar 2020 10:49
 Operator : JC/SP
 Sample : L1903-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20200307

Quant Time: Mar 16 08:48:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

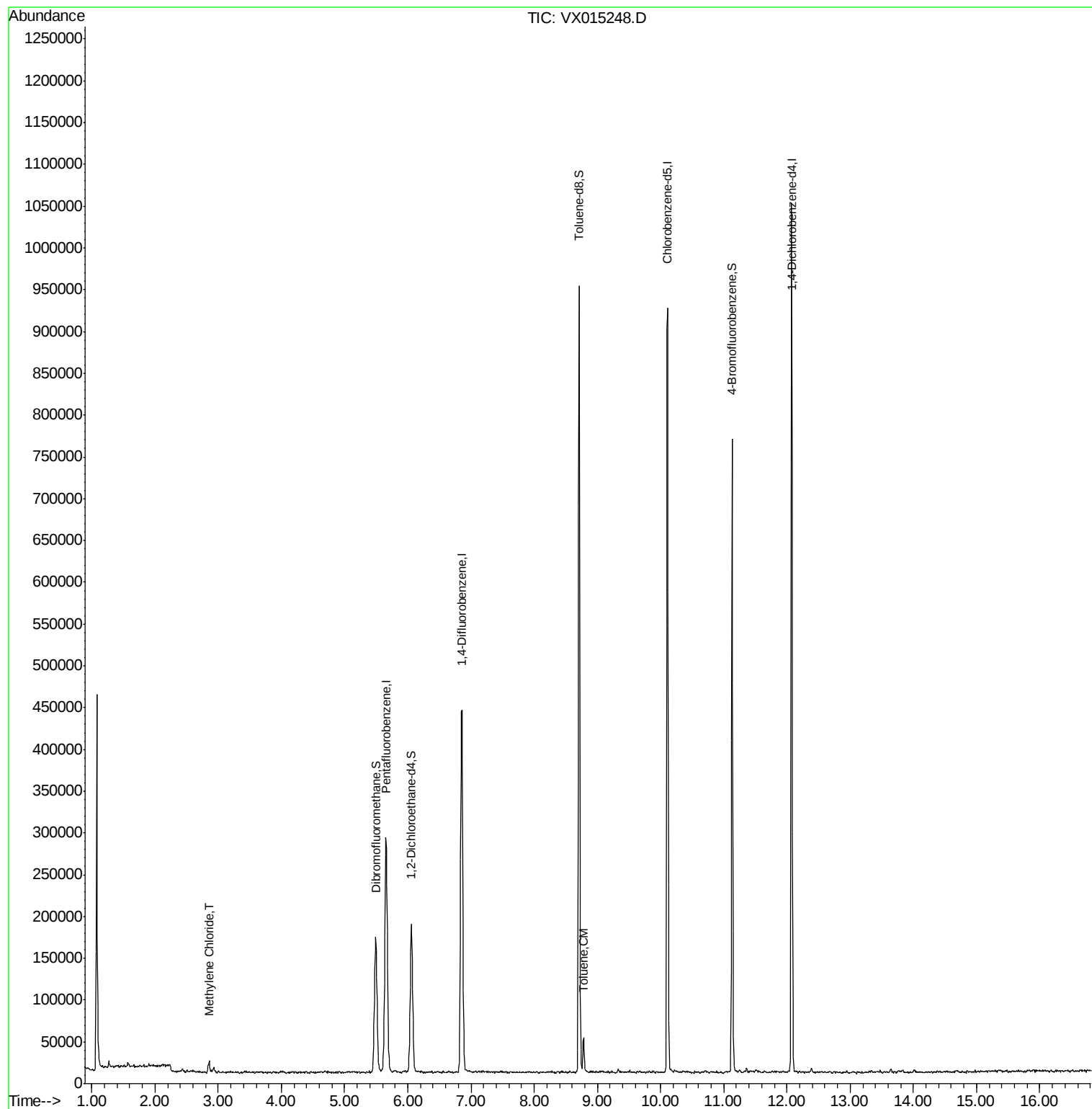
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	290631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	455962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	438275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	219648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	164549	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
35) Dibromofluoromethane	5.50	113	141684	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	555246	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	200942	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
Target Compounds						
20) Methylene Chloride	2.85	84	7206	2.205	ug/l #	84
52) Toluene	8.78	92	15360	2.009	ug/l	100

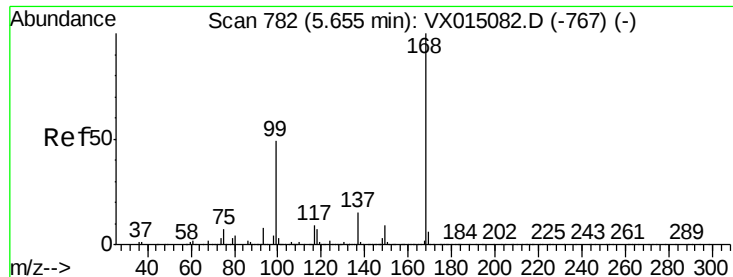
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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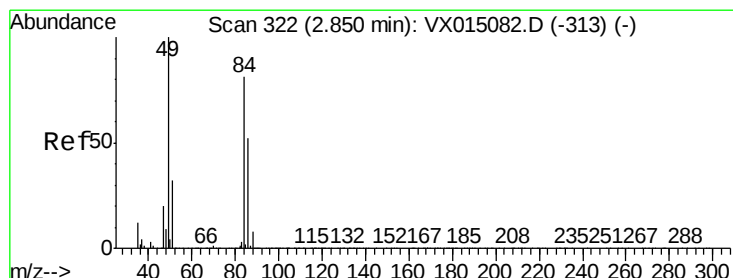
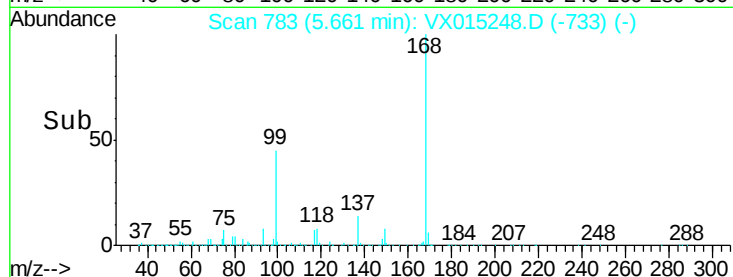
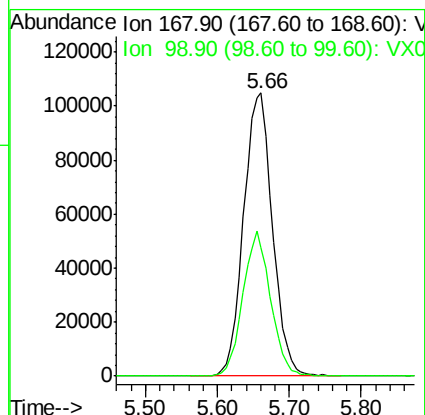
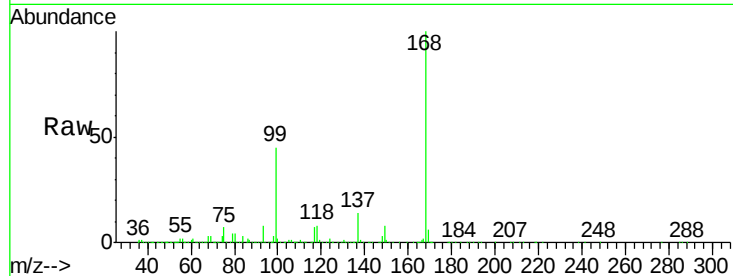


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: VX015248.D
 Acq: 13 Mar 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20200307

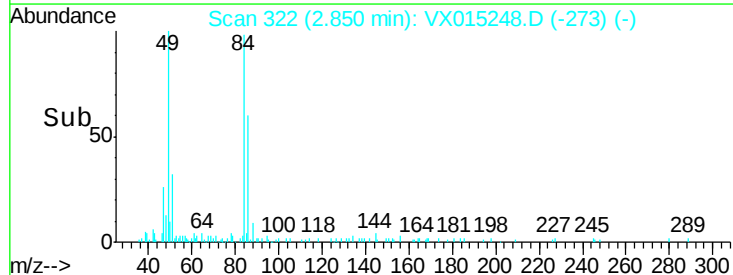
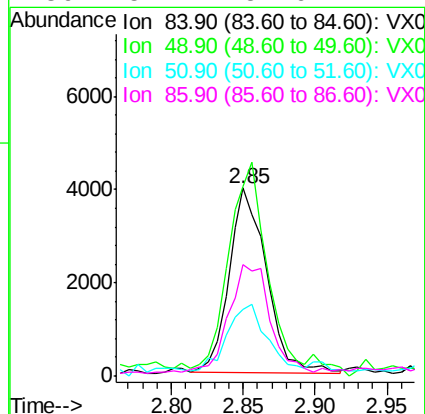
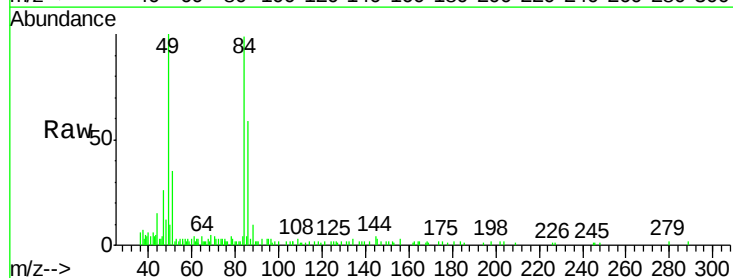
Tot Ion:168 Resp: 290631
 Ion Ratio Lower Upper
 168 100
 99 45.2 39.4 59.2

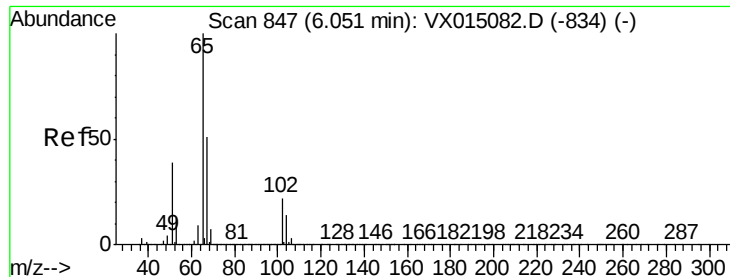


#20

Methylene Chloride
 Concen: 2.205 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015248.D
 Acq: 13 Mar 2020 10:49

Tgt Ion: 84 Resp: 7206
 Ion Ratio Lower Upper
 84 100
 49 98.8 99.4 149.2#
 51 33.8 31.5 47.3
 86 57.1 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 47.723 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015248.D

Acq: 13 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

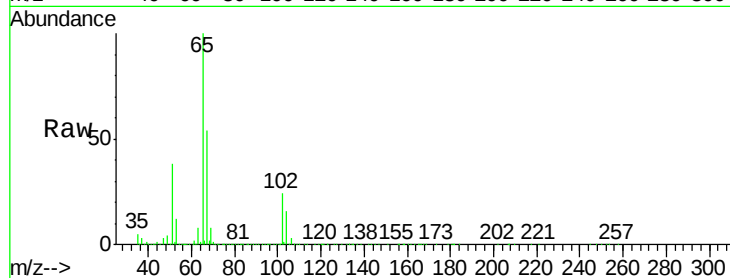
EB02-20200307

Tot Ion: 65 Resp: 164549

Ion Ratio Lower Upper

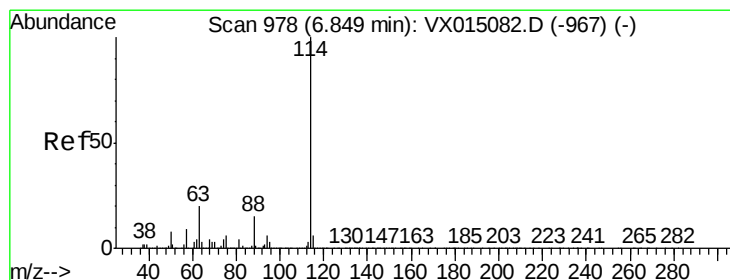
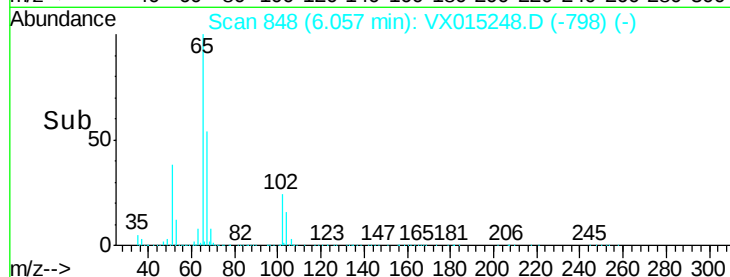
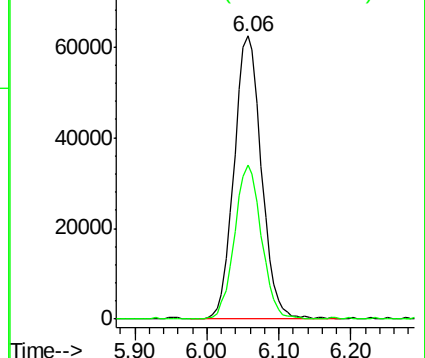
65 100

67 53.2 0.0 105.6



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015248.D

Acq: 13 Mar 2020 10:49

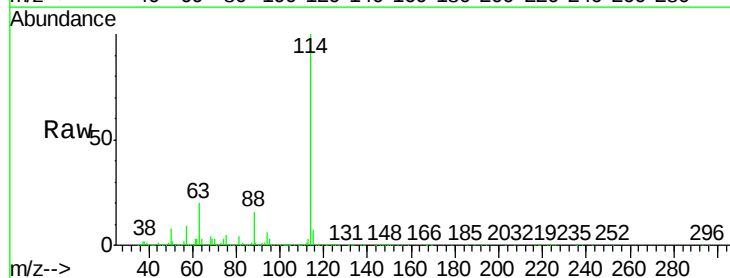
Tgt Ion: 114 Resp: 455962

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

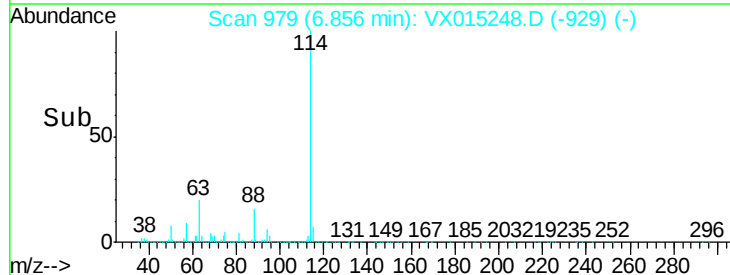
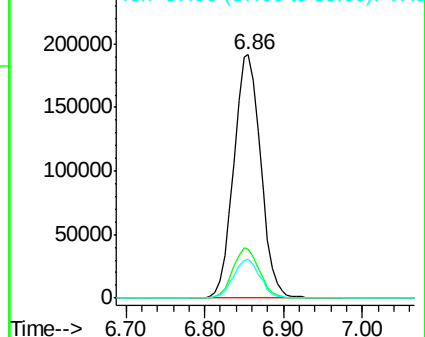
88 16.1 0.0 30.6

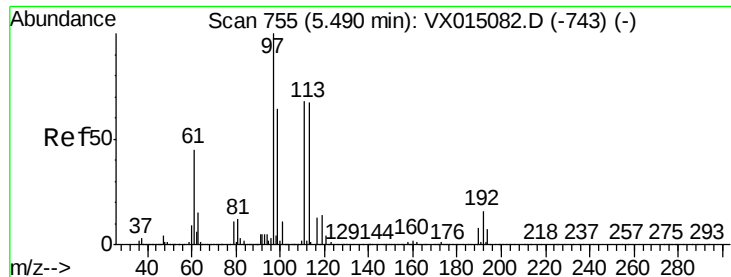


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

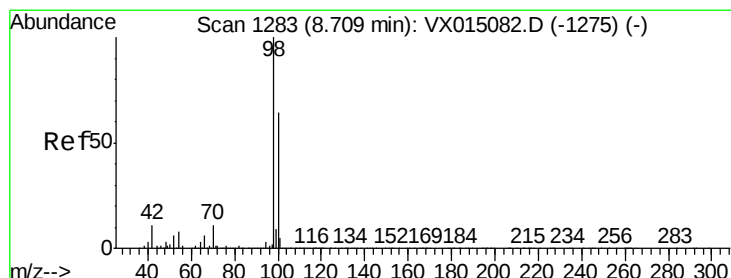
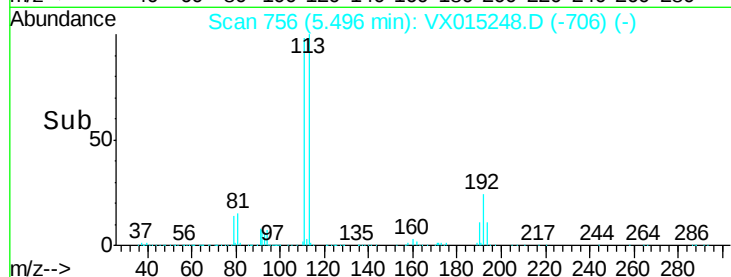
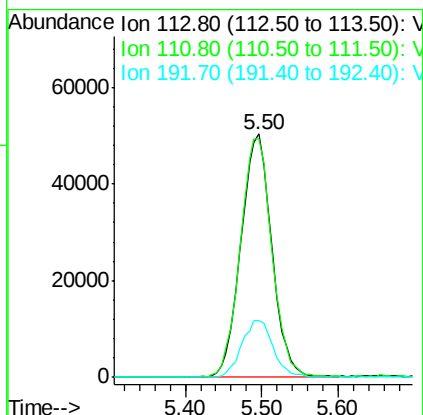
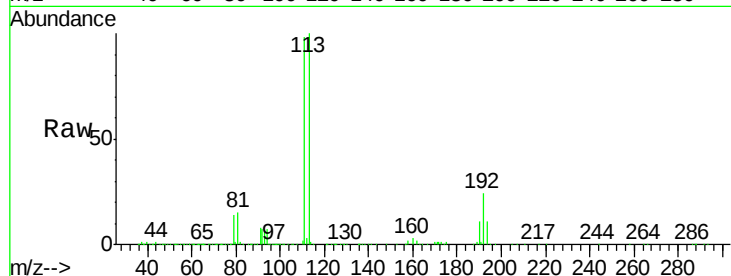




#35
Dibromofluoromethane
Concen: 49.255 ug/l
RT: 5.50 min Scan# 756
Delta R.T. 0.01 min
Lab File: VX015248.D
Acq: 13 Mar 2020 10:49

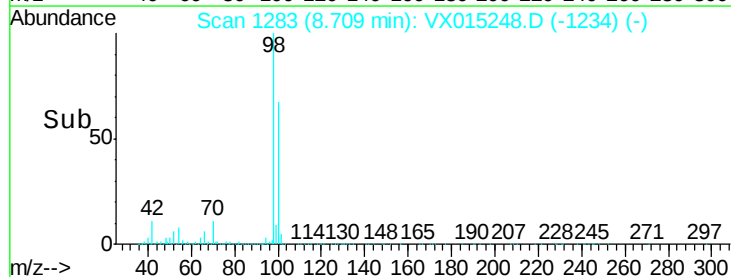
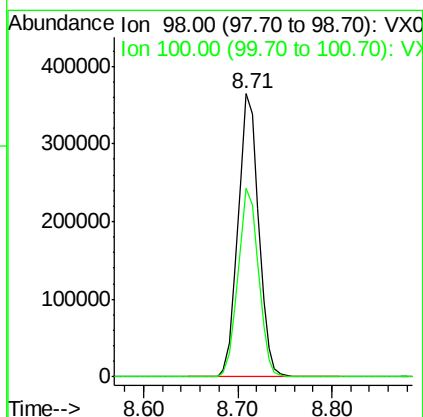
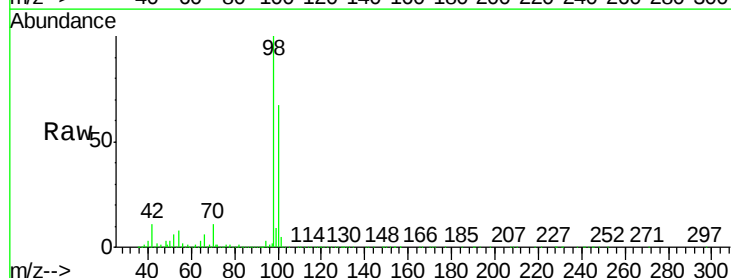
Instrument :
MSVOA_X
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EB02-20200307

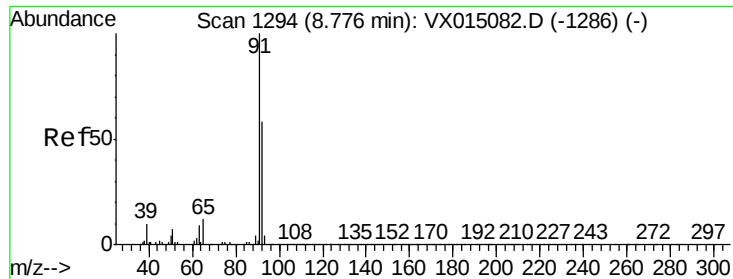
Tot Ion:113 Resp: 141684
Ion Ratio Lower Upper
113 100
111 100.6 82.6 123.8
192 23.9 18.6 28.0



#50
Toluene-d8
Concen: 50.745 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015248.D
Acq: 13 Mar 2020 10:49

Tgt Ion: 98 Resp: 555246
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6





#52

Toluene

Concen: 2.009 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015248.D

Acq: 13 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

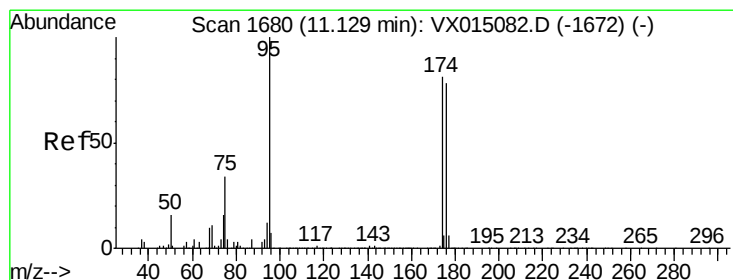
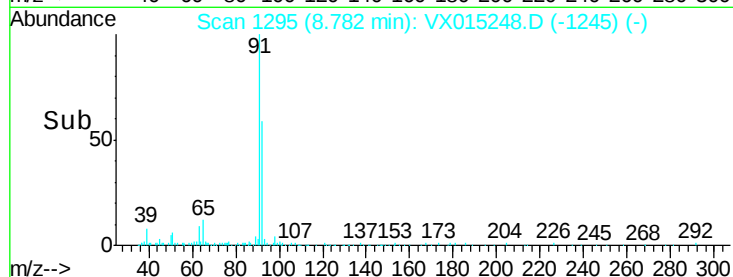
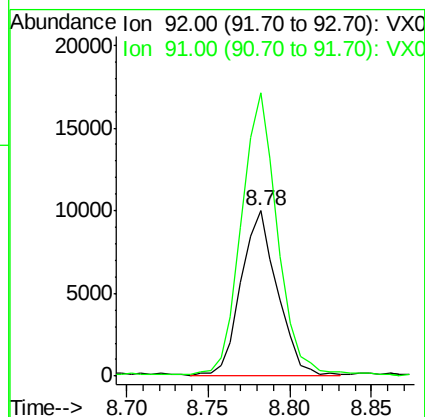
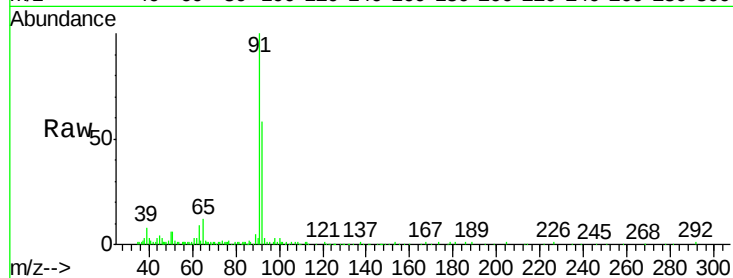
EB02-20200307

Tot Ion: 92 Resp: 15360

Ion Ratio Lower Upper

92 100

91 170.9 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 51.486 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015248.D

Acq: 13 Mar 2020 10:49

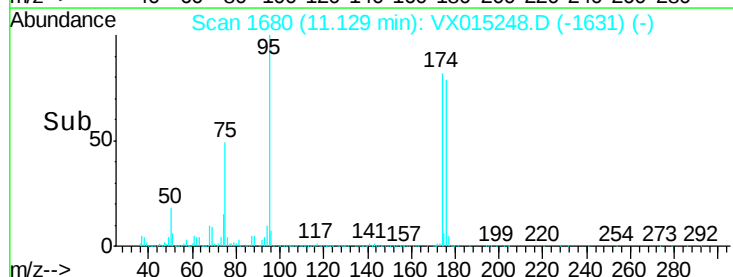
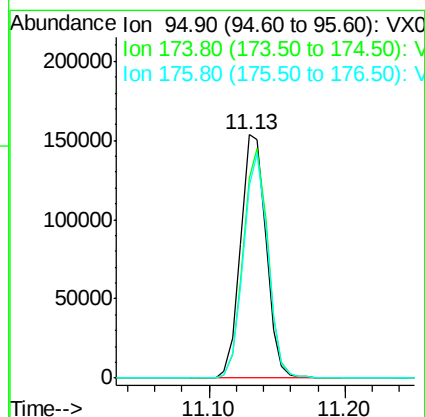
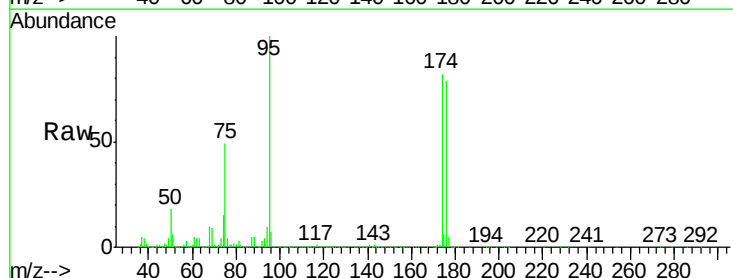
Tgt Ion: 95 Resp: 200942

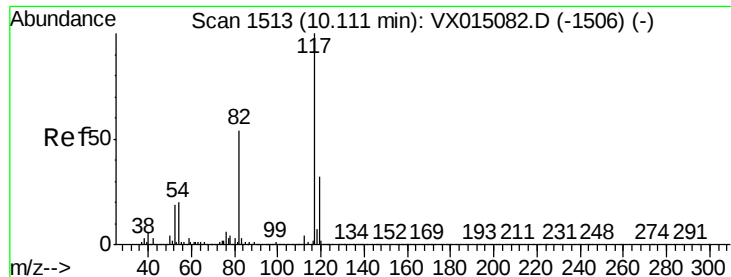
Ion Ratio Lower Upper

95 100

174 91.9 0.0 177.6

176 89.0 0.0 170.2

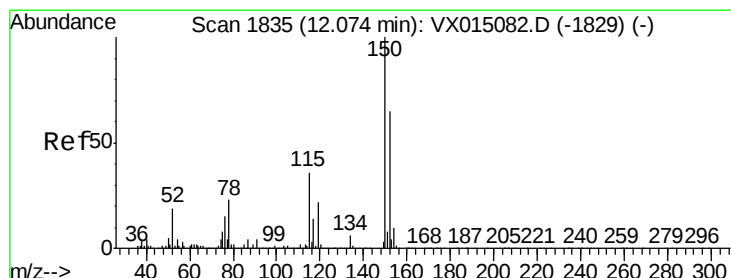
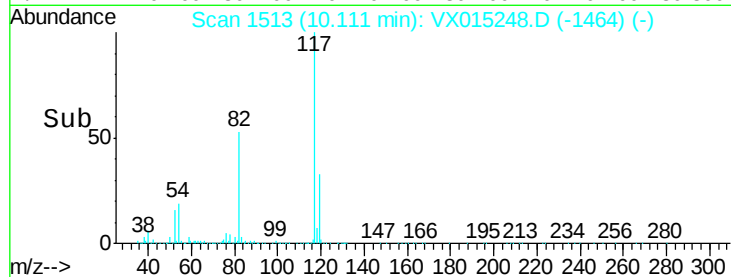
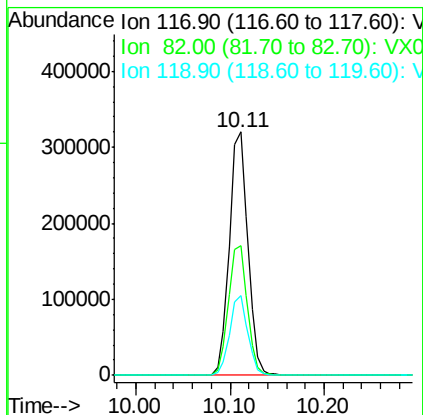
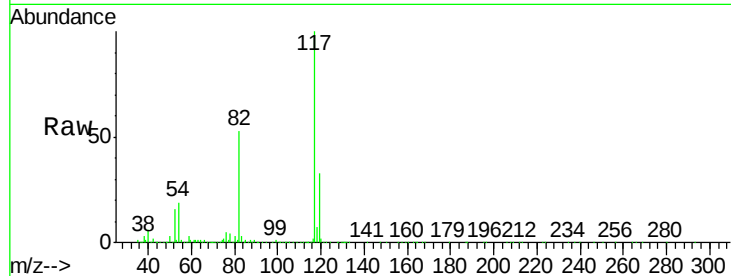




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015248.D
Acq: 13 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
EB02-20200307

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.3	64.9
119	32.9	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: VX015248.D
Acq: 13 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.2	114.6
150	158.8	0.0	343.8

