

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014206.D
 Acq On : 23 Dec 2019 16:46
 Operator : JC/SP
 Sample : K6393-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-12-20-19

Quant Time: Dec 24 07:47:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

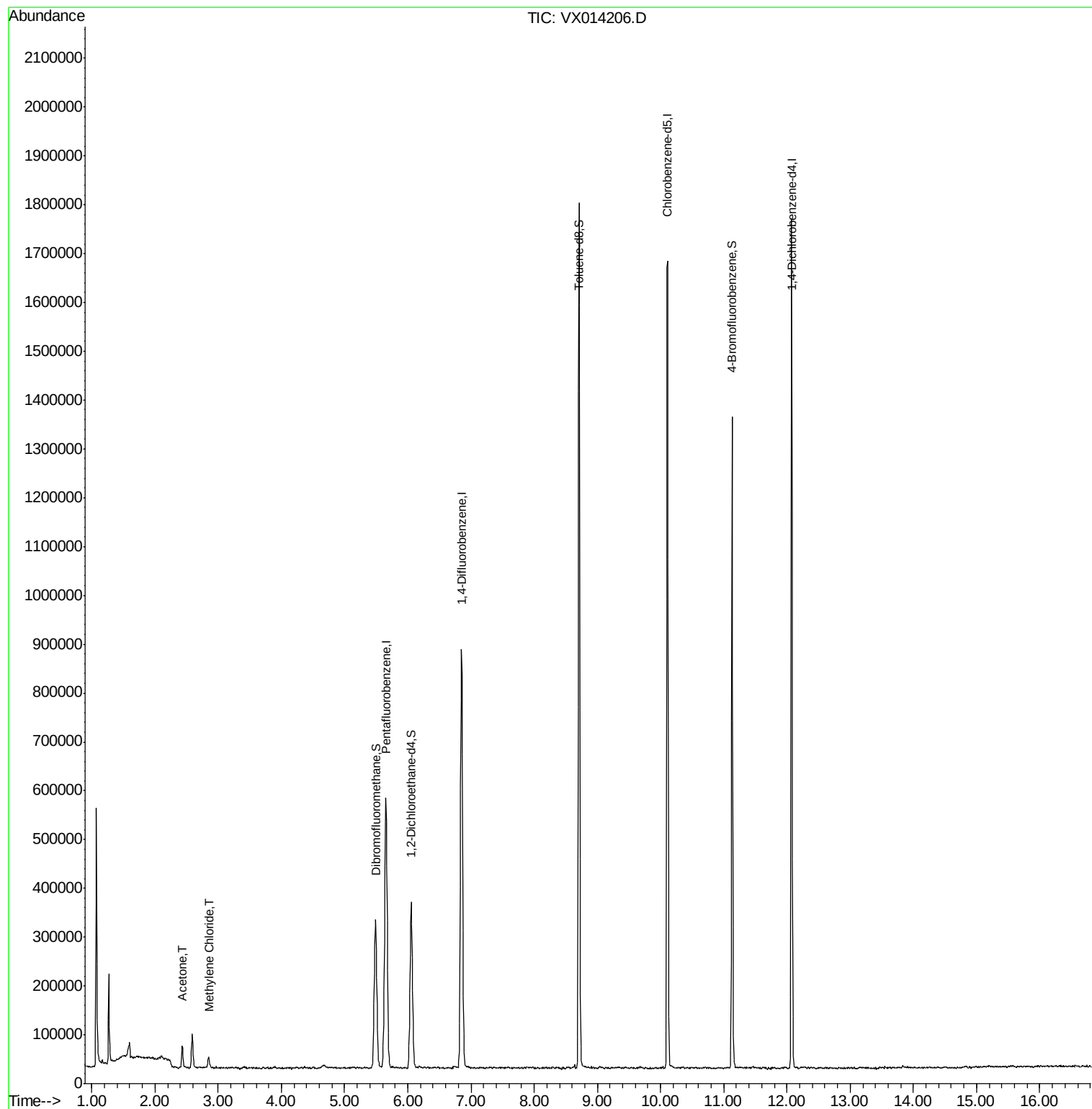
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	576914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	880279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	792442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	316383	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	5.49	113	265560	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	1049959	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	356771	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						
16) Acetone	2.43	43	48120	11.336	ug/l	98
20) Methylene Chloride	2.85	84	10634	1.591	ug/l	90

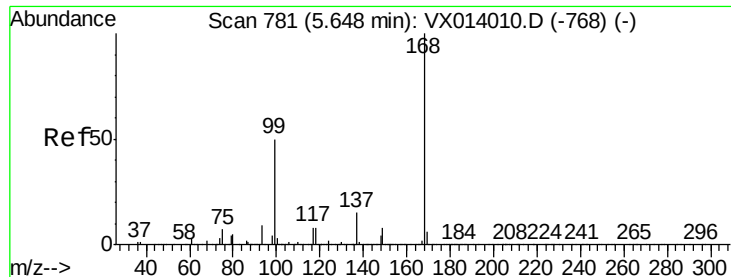
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014206.D

Acq: 23 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

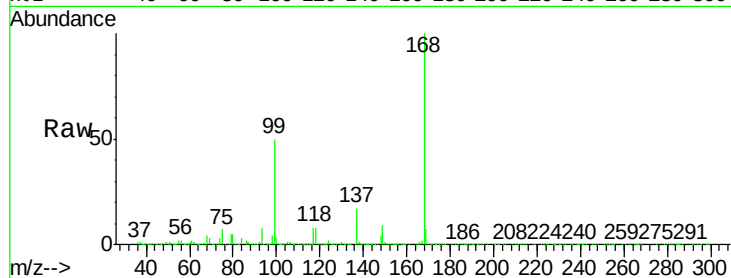
TB-12-20-19

Tot Ion:168 Resp: 576914

Ion Ratio Lower Upper

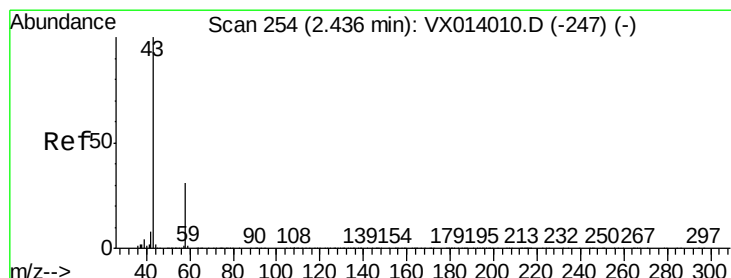
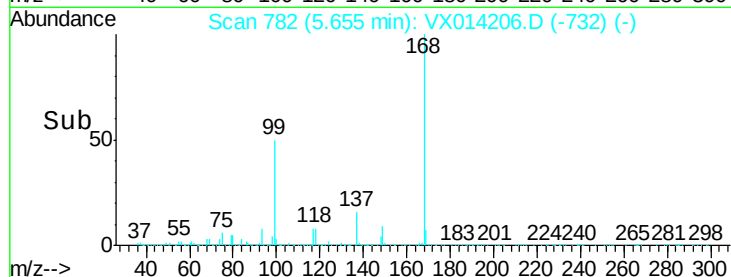
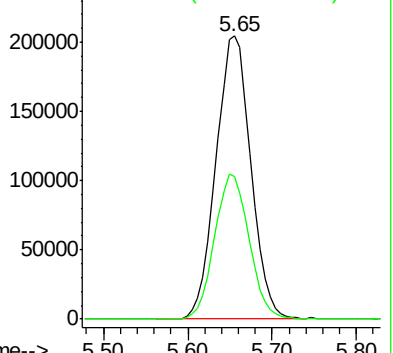
168 100

99 50.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.336 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014206.D

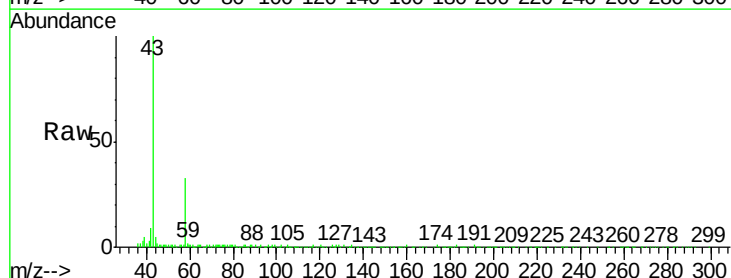
Acq: 23 Dec 2019 16:46

Tgt Ion: 43 Resp: 48120

Ion Ratio Lower Upper

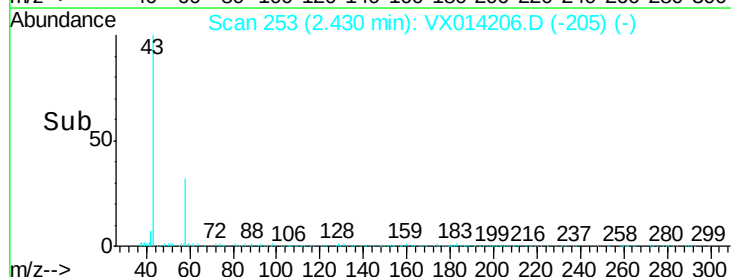
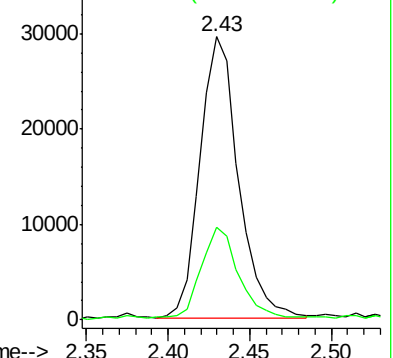
43 100

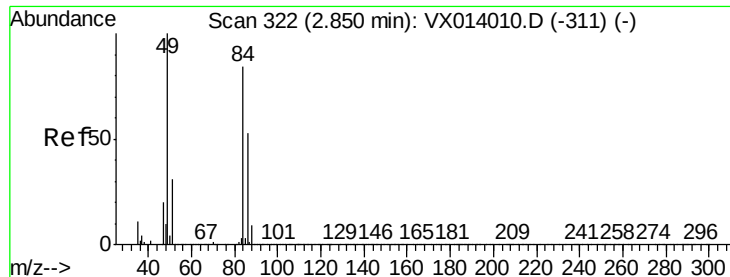
58 32.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

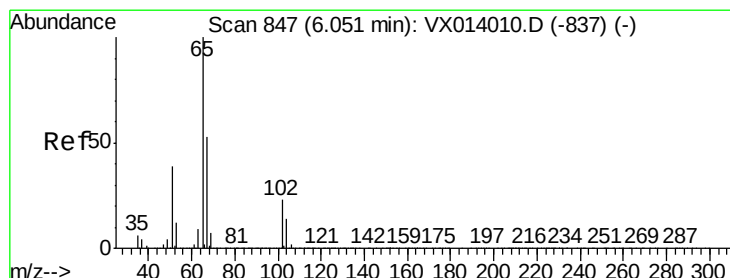
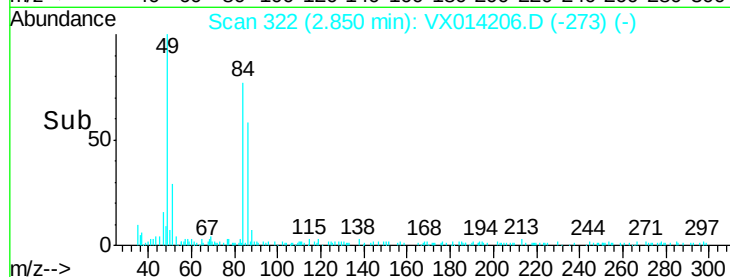
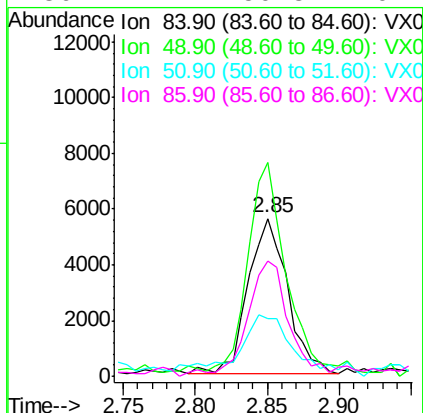
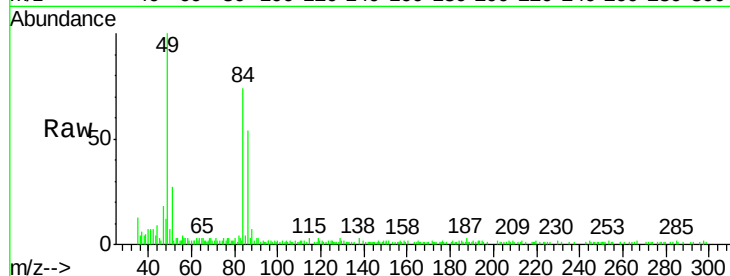




#20
Methylene Chloride
Concen: 1.591 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014206.D
Acq: 23 Dec 2019 16:46

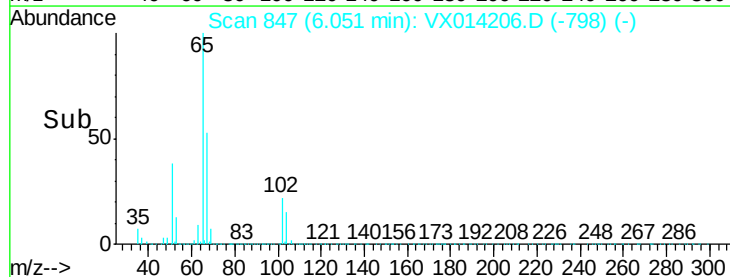
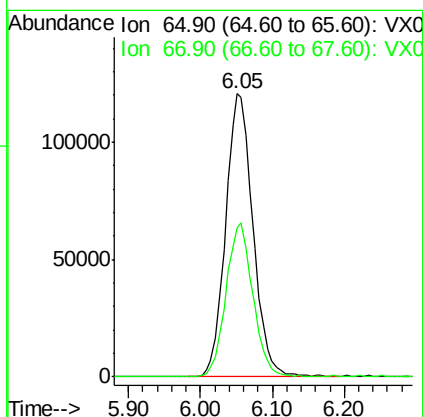
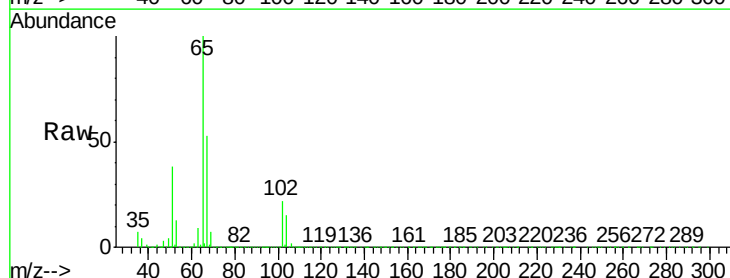
Instrument :
MSVOA_X
ClientSampled :
TB-12-20-19

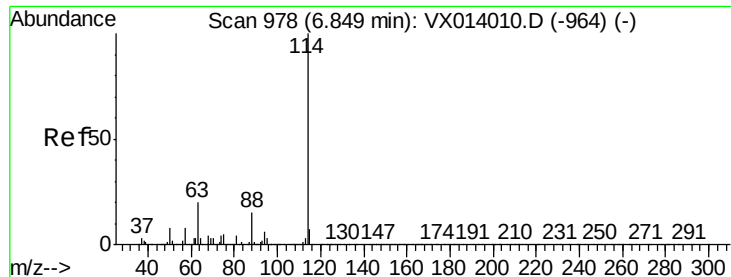
Tot Ion: 84 Resp: 10634
Ion Ratio Lower Upper
84 100
49 131.1 95.8 143.6
51 33.7 29.8 44.8
86 71.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.388 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014206.D
Acq: 23 Dec 2019 16:46

Tgt Ion: 65 Resp: 316383
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014206.D

Acq: 23 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

TB-12-20-19

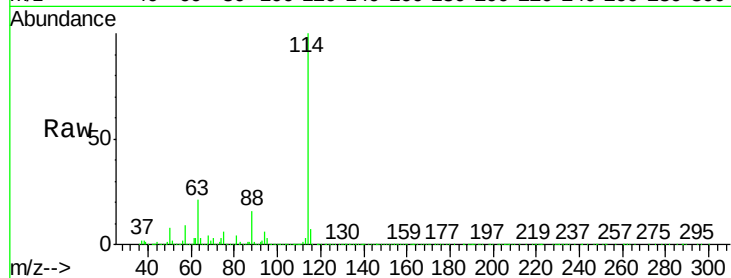
Tot Ion:114 Resp: 880279

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

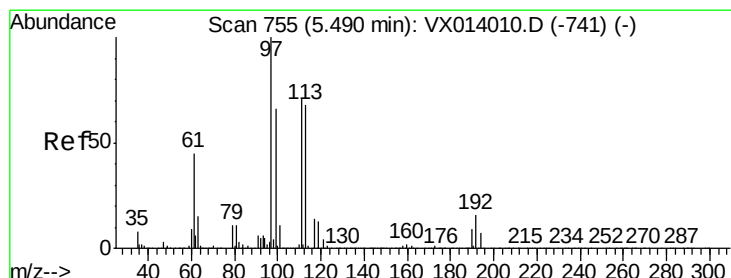
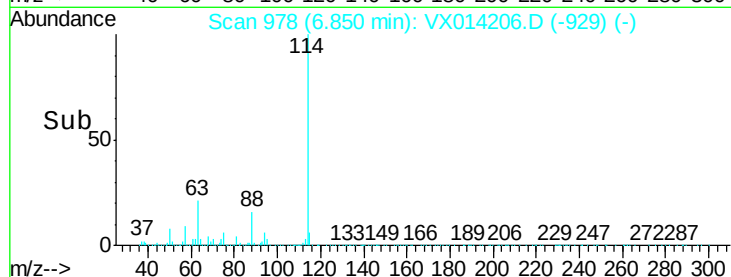
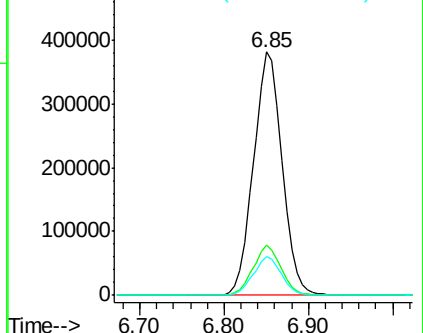
88 15.7 0.0 30.4



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: 49.627 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014206.D

Acq: 23 Dec 2019 16:46

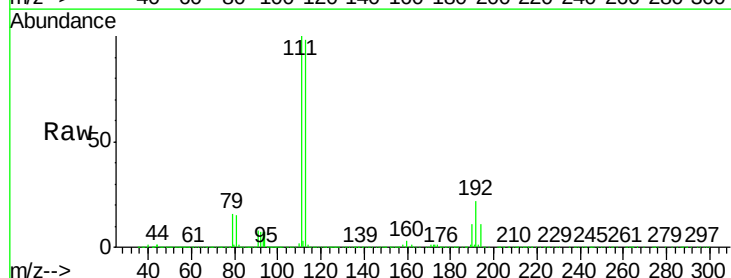
Tgt Ion:113 Resp: 265560

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

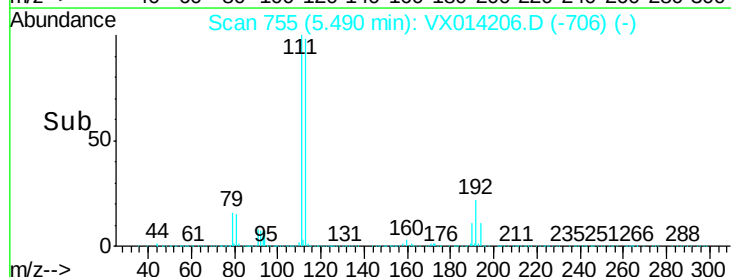
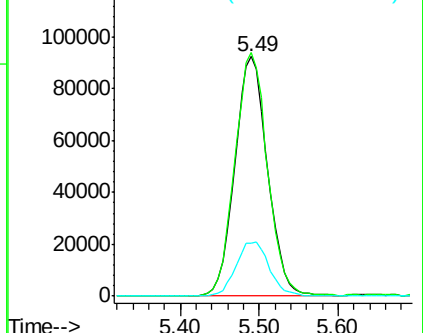
192 23.4 19.3 28.9

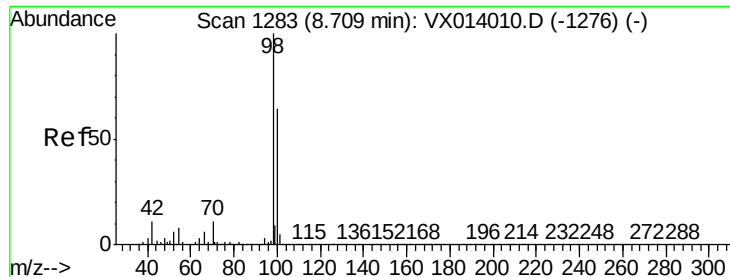


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.398 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014206.D

Acq: 23 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

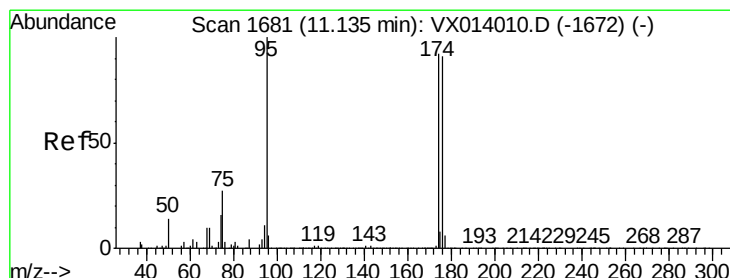
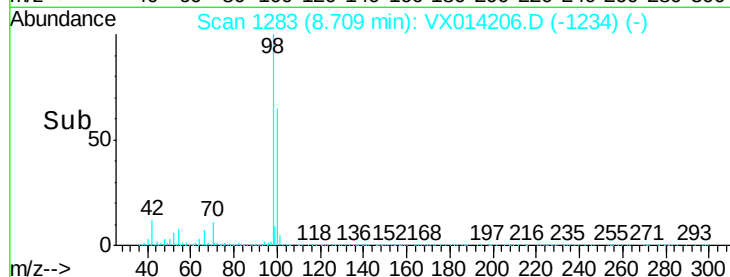
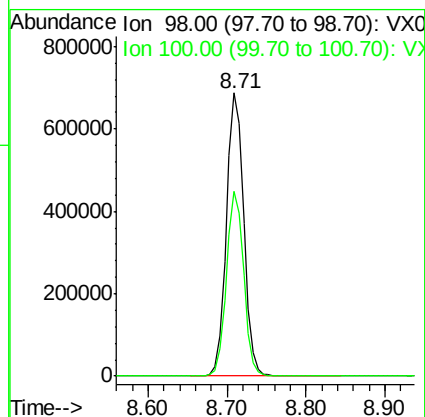
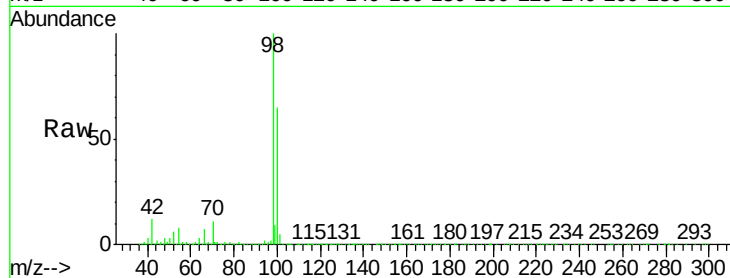
TB-12-20-19

Tot Ion: 98 Resp: 1049959

Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.848 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014206.D

Acq: 23 Dec 2019 16:46

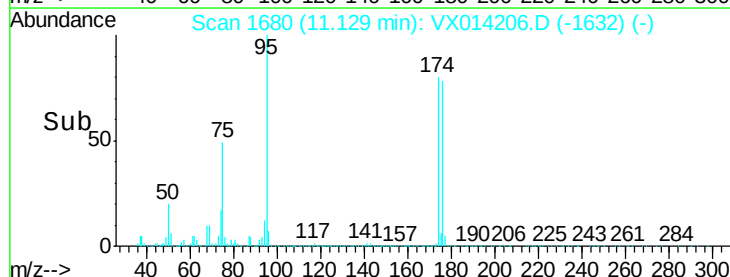
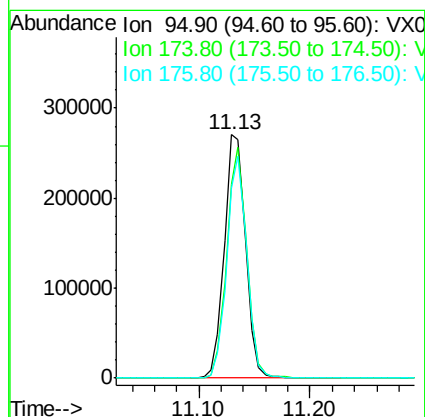
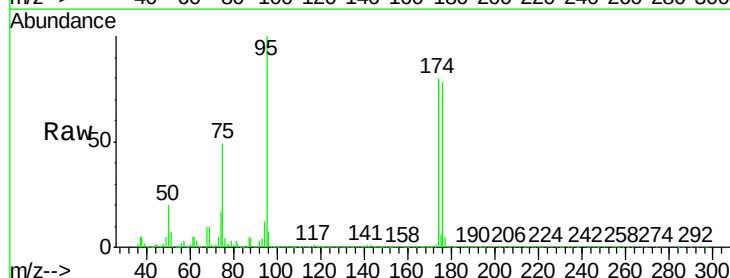
Tgt Ion: 95 Resp: 356771

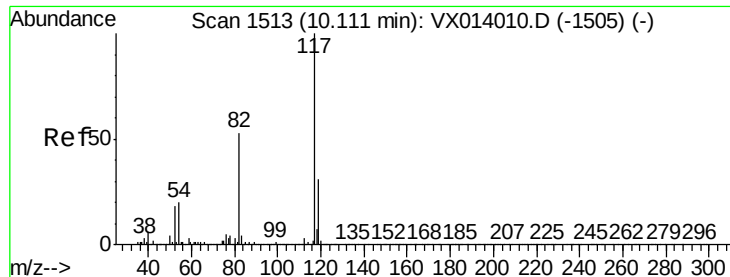
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

176 86.1 0.0 173.0

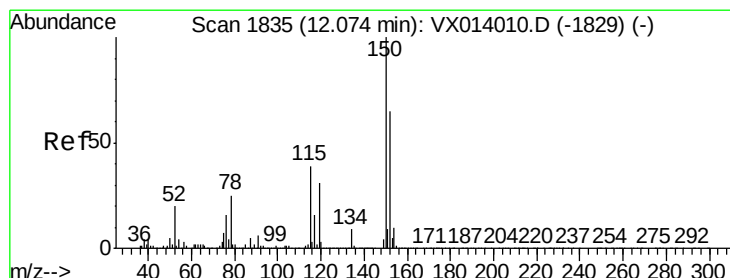
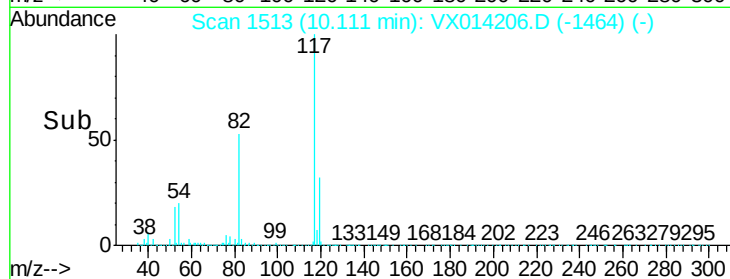
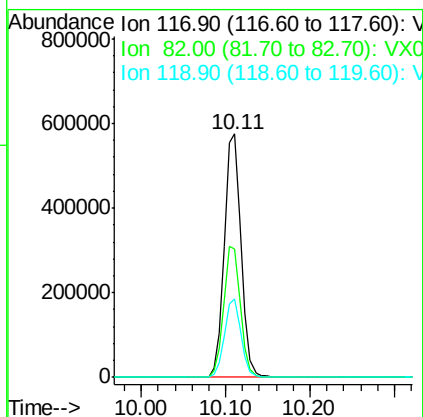
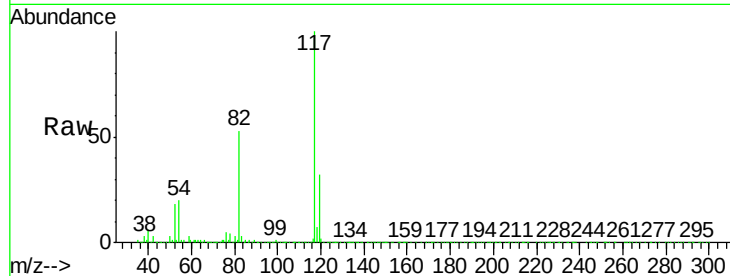




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014206.D
Acq: 23 Dec 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
TB-12-20-19

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	32.4	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014206.D
Acq: 23 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	38.3	114.9
150	158.0	0.0	345.4

