

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014323.D
 Acq On : 27 Dec 2019 20:48
 Operator : JC/SP
 Sample : K6449-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-1

Quant Time: Dec 30 06:39:58 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

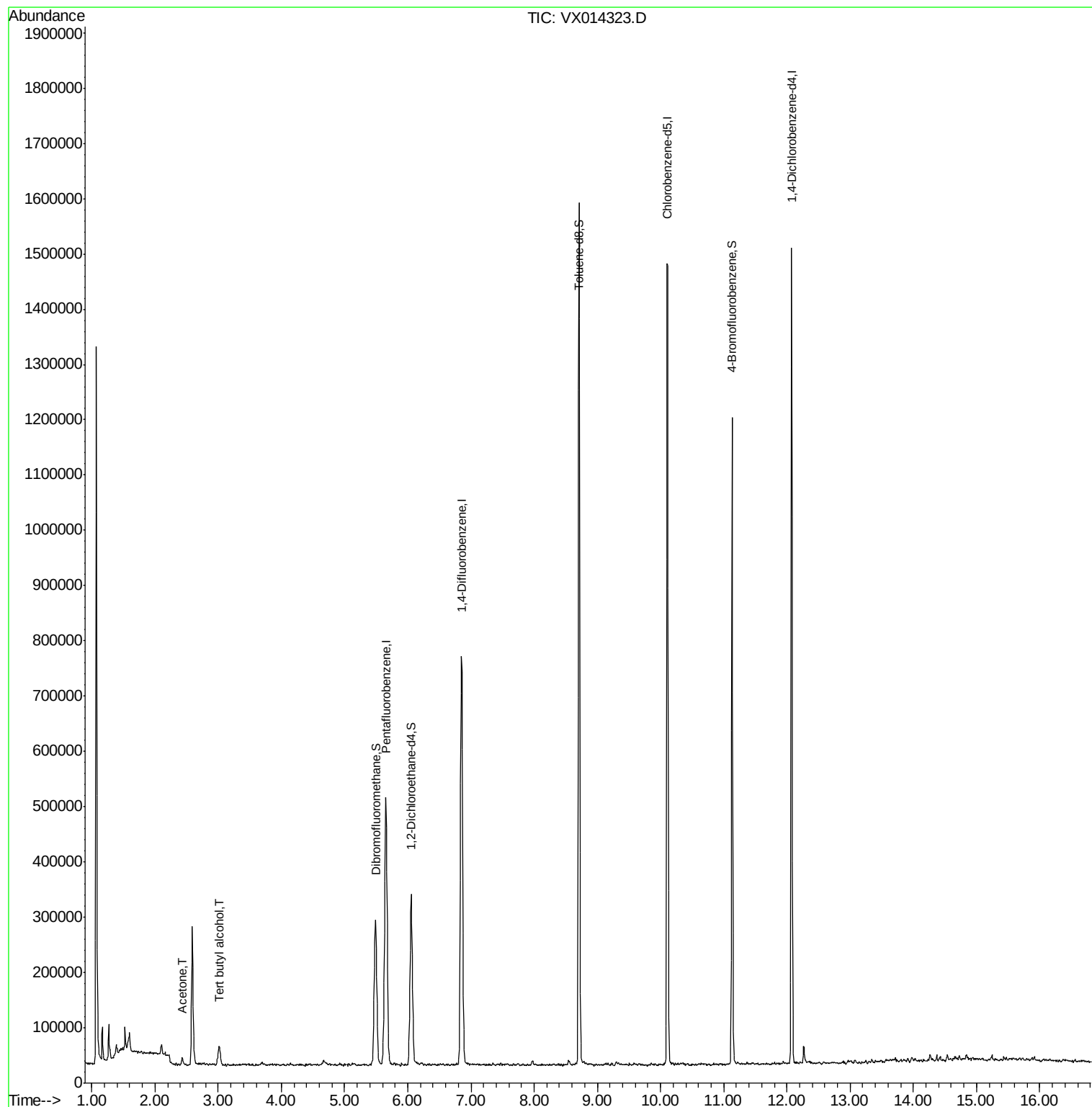
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	502043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	774415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	697167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	282017	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	5.48	113	230378	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	920771	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	309442	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
11) Tert butyl alcohol	3.02	59	35559	28.922	ug/l	95
16) Acetone	2.43	43	14523	3.932	ug/l	91

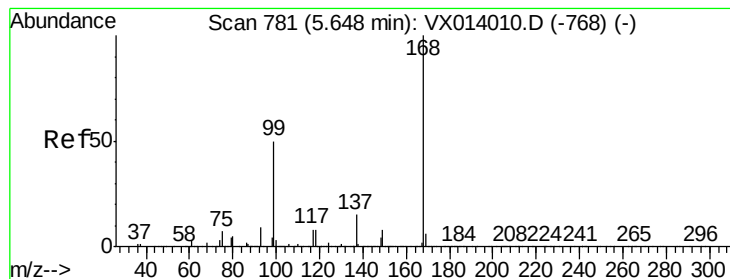
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014323.D

Acq: 27 Dec 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

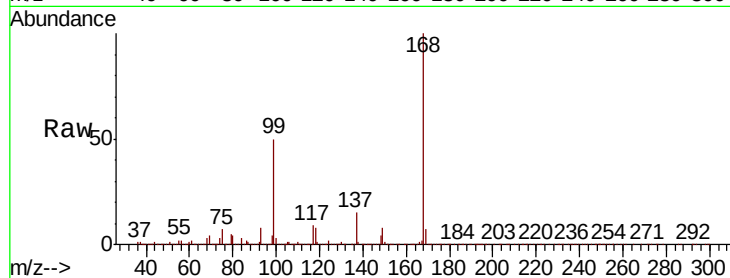
OW-1

Tot Ion:168 Resp: 502043

Ion Ratio Lower Upper

168 100

99 50.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

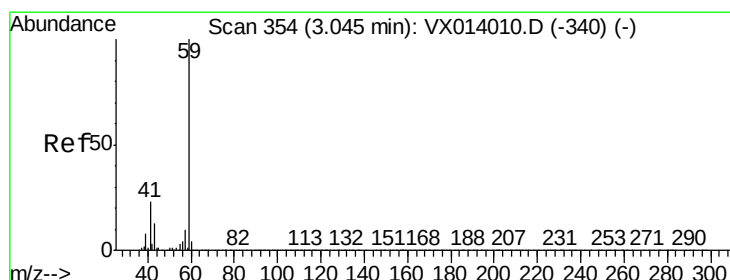
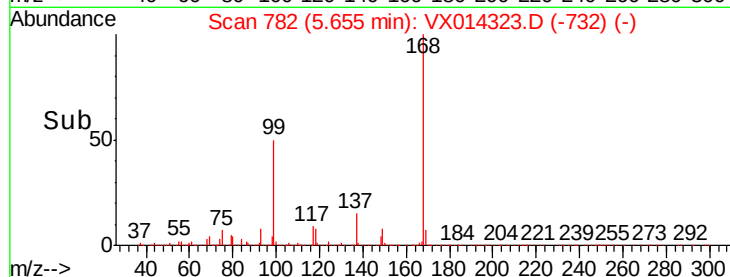
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 28.922 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014323.D

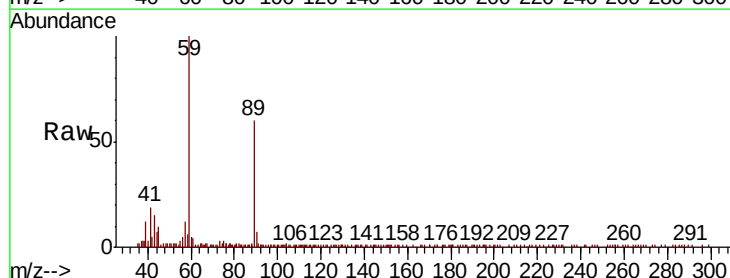
Acq: 27 Dec 2019 20:48

Tgt Ion: 59 Resp: 35559

Ion Ratio Lower Upper

59 100

57 8.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

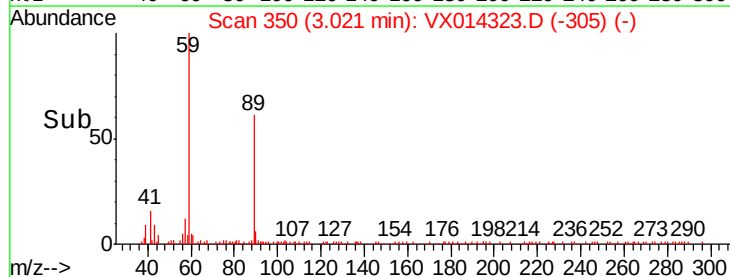
15000

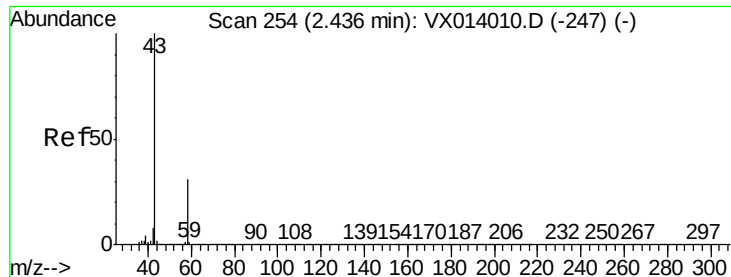
10000

5000

0

Time-->

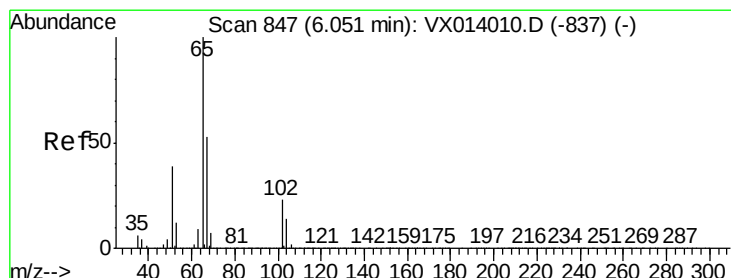
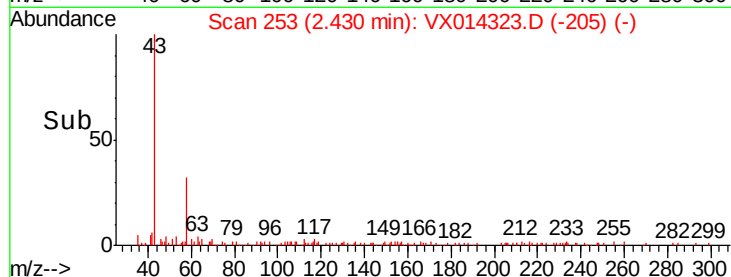
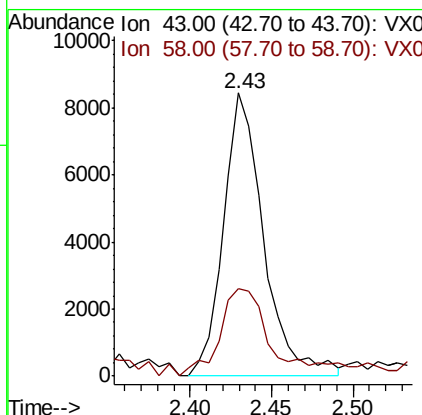
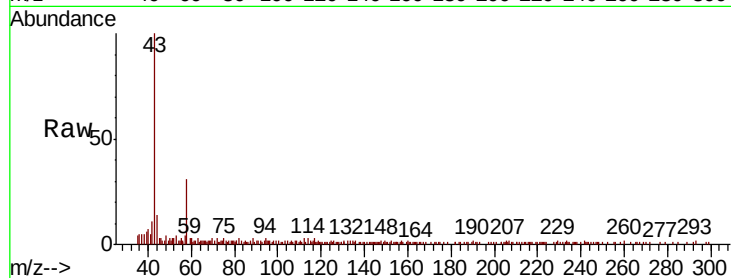




#16
Acetone
Concen: 3.932 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014323.D
Acq: 27 Dec 2019 20:48

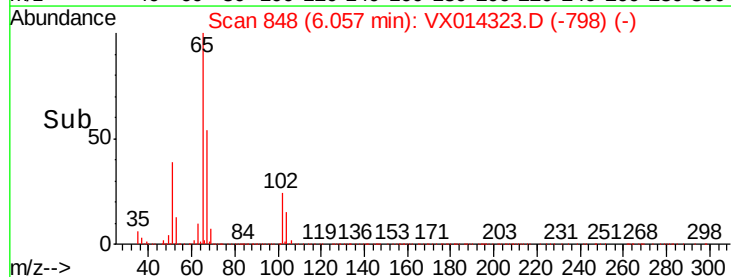
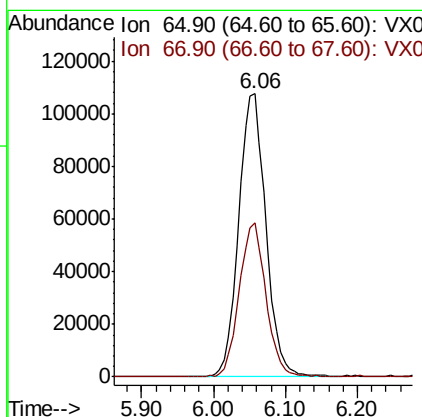
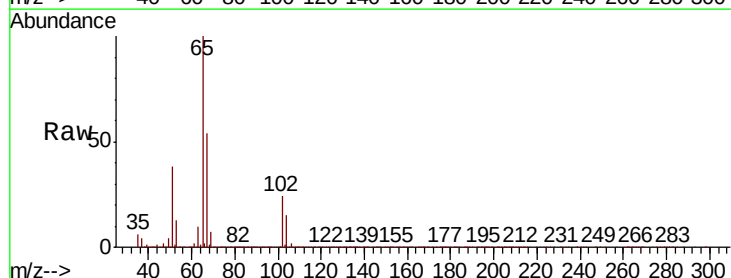
Instrument :
MSVOA_X
ClientSampleId :
OW-1

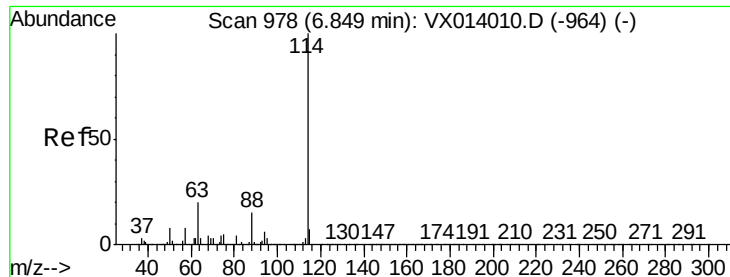
Tot Ion: 43 Resp: 14523
Ion Ratio Lower Upper
43 100
58 26.2 24.9 37.3



#33
1,2-Dichloroethane-d4
Concen: 49.564 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014323.D
Acq: 27 Dec 2019 20:48

Tgt Ion: 65 Resp: 282017
Ion Ratio Lower Upper
65 100
67 53.0 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: VX014323.D

Acq: 27 Dec 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

OW-1

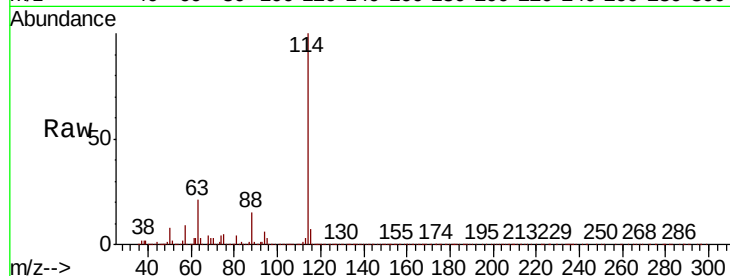
Tot Ion:114 Resp: 774415

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

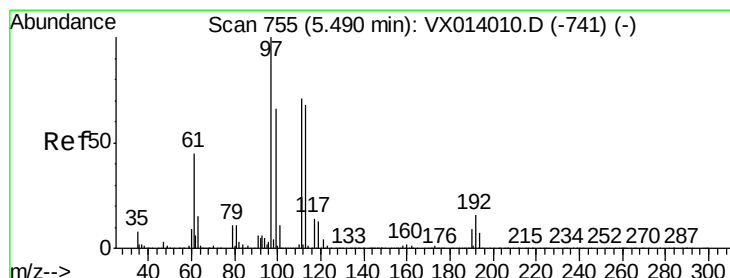
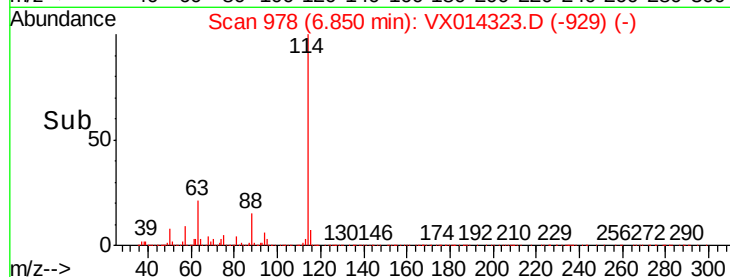
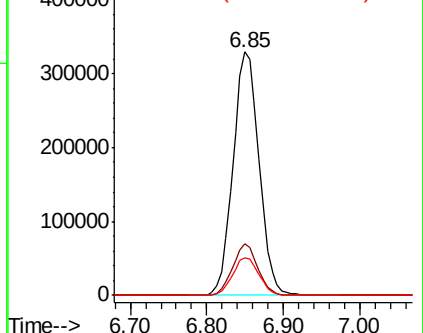
88 15.4 0.0 30.4



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: 48.938 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014323.D

Acq: 27 Dec 2019 20:48

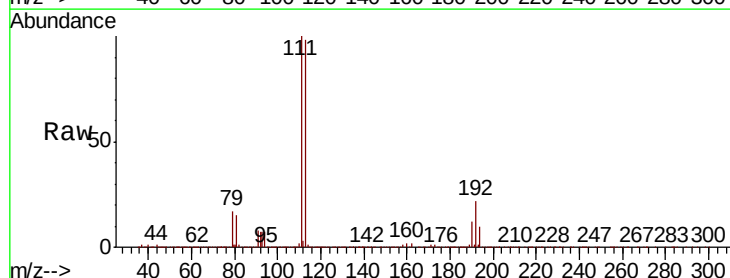
Tgt Ion:113 Resp: 230378

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

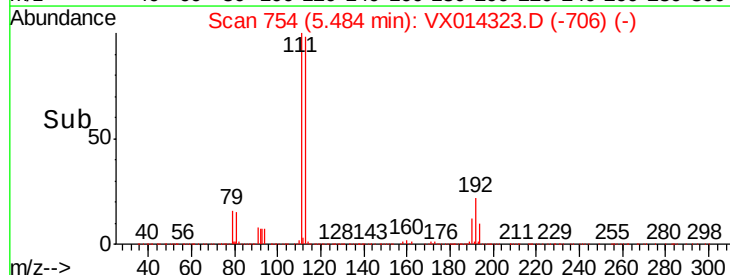
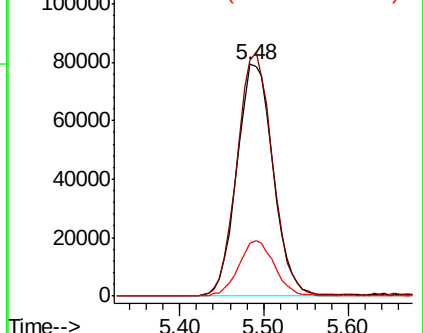
192 23.6 19.3 28.9

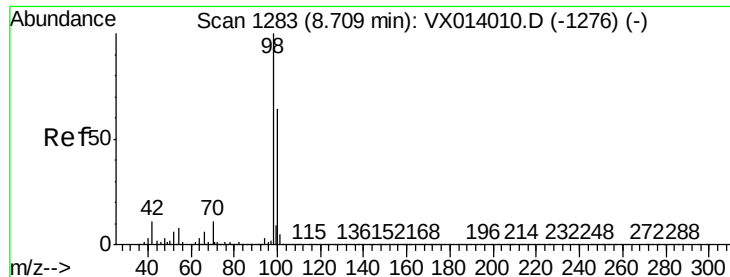


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.239 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014323.D

Acq: 27 Dec 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

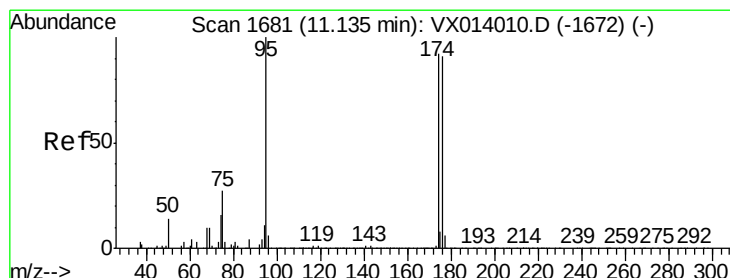
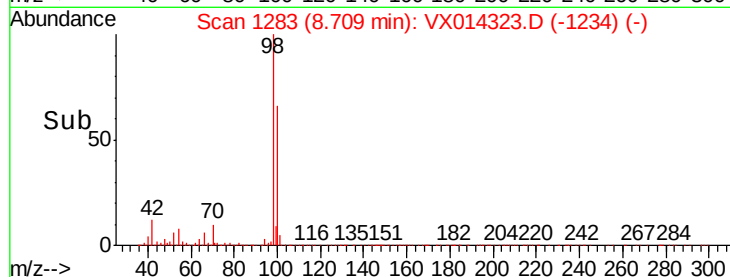
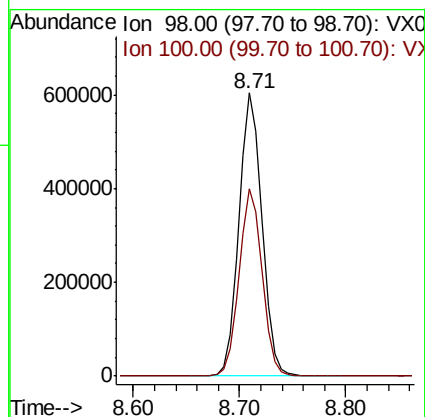
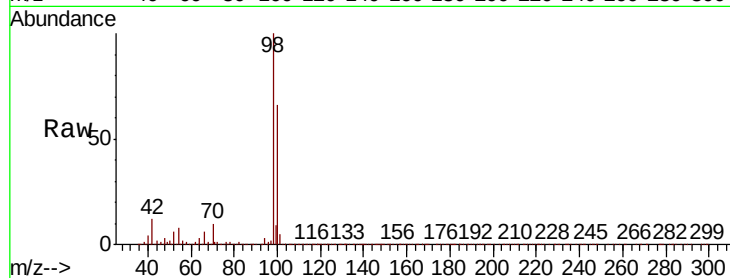
OW-1

Tot Ion: 98 Resp: 920771

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.188 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014323.D

Acq: 27 Dec 2019 20:48

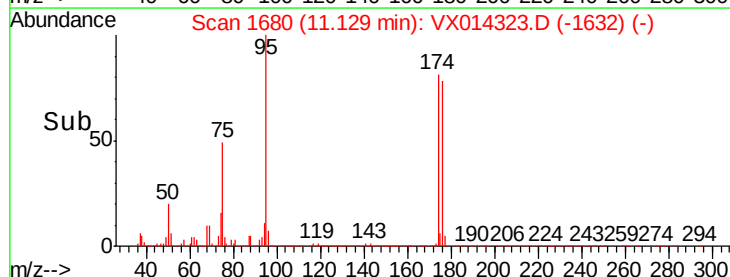
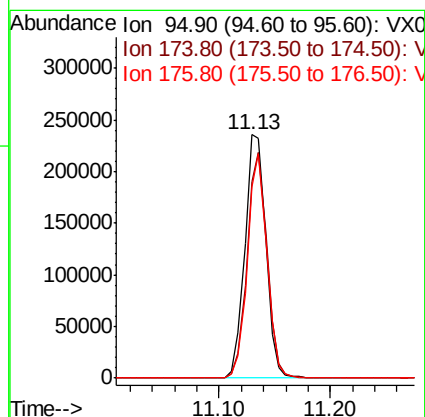
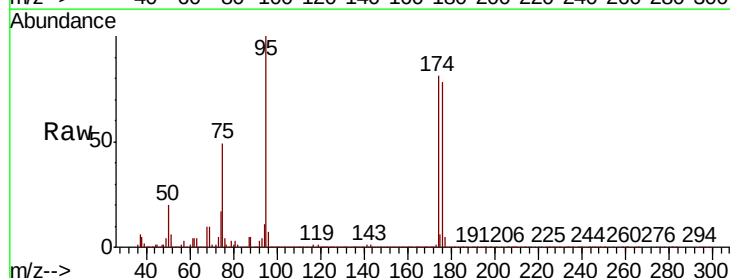
Tgt Ion: 95 Resp: 309442

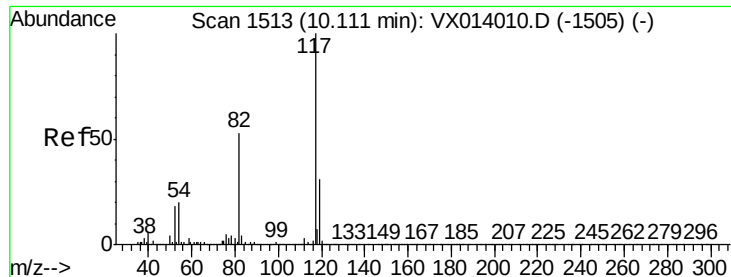
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 84.9 0.0 173.0

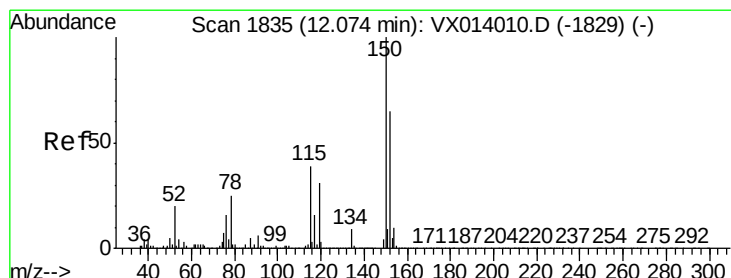
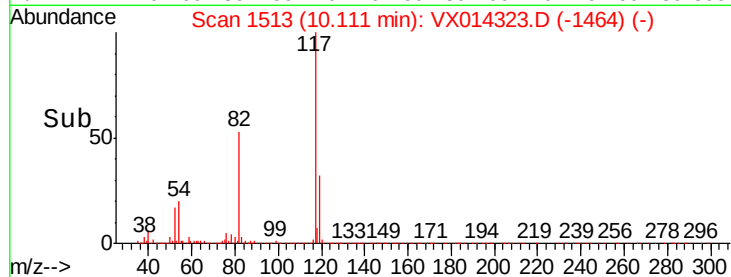
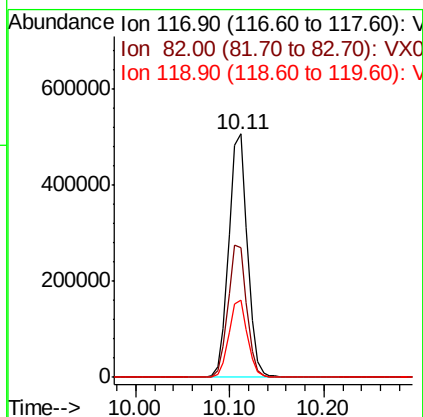
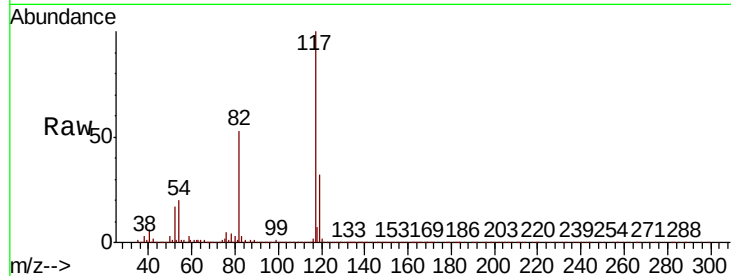




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014323.D
Acq: 27 Dec 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :
OW-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.2	63.4
119	31.6	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: VX014323.D
Acq: 27 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	38.3	114.9
150	159.7	0.0	345.4

