

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015567.D
 Acq On : 08 Apr 2020 14:31
 Operator : JC/SP
 Sample : L2151-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-5

Quant Time: Apr 09 07:16:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

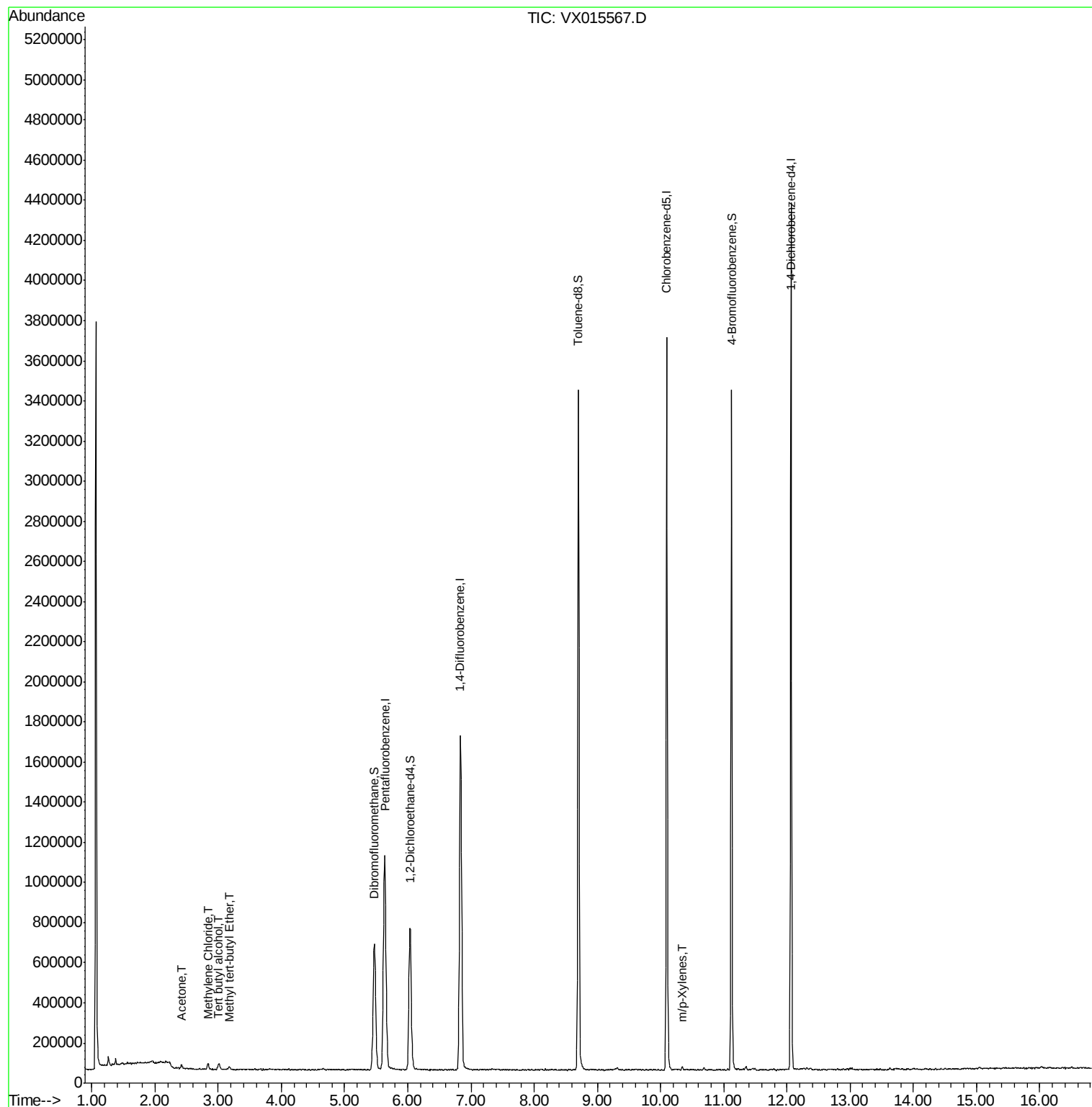
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1083909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1670214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1623823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	887400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	702804	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
35) Dibromofluoromethane	5.47	113	524450	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	8.70	98	2021292	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.12	95	872178	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	37372	10.213	ug/l #	94
16) Acetone	2.42	43	22432	3.415	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	14111	0.356	ug/l #	89
20) Methylene Chloride	2.84	84	13651	1.113	ug/l #	84
68) m/p-Xylenes	10.34	106	5941	0.278	ug/l	100

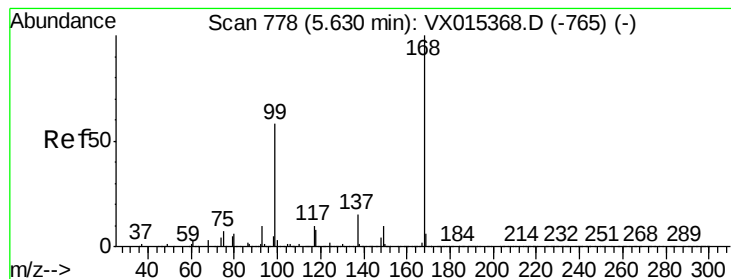
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015567.D

Acq: 08 Apr 2020 14:31

Instrument :

MSVOA_X

ClientSampled :

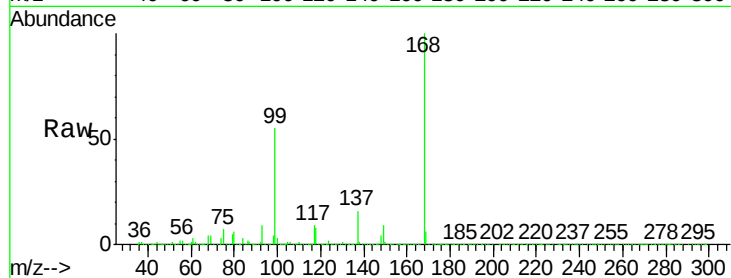
MH-5

Tot Ion:168 Resp: 1083909

Ion Ratio Lower Upper

168 100

99 55.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

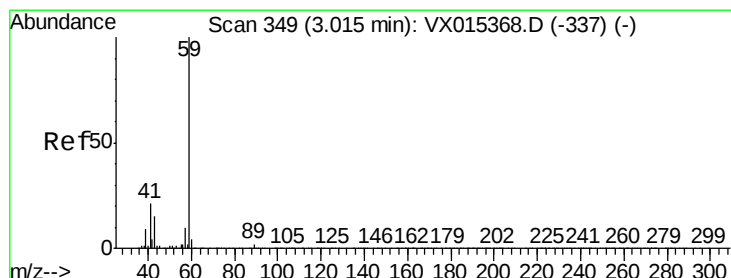
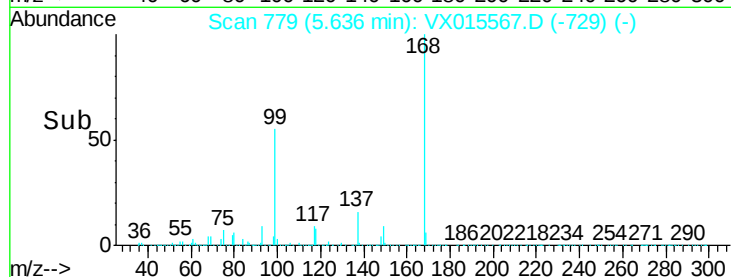
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 10.213 ug/l

RT: 3.01 min Scan# 349

Delta R.T. 0.00 min

Lab File: VX015567.D

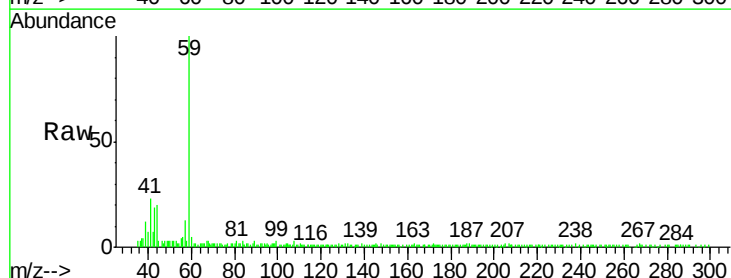
Acq: 08 Apr 2020 14:31

Tgt Ion: 59 Resp: 37372

Ion Ratio Lower Upper

59 100

57 12.4 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

20000

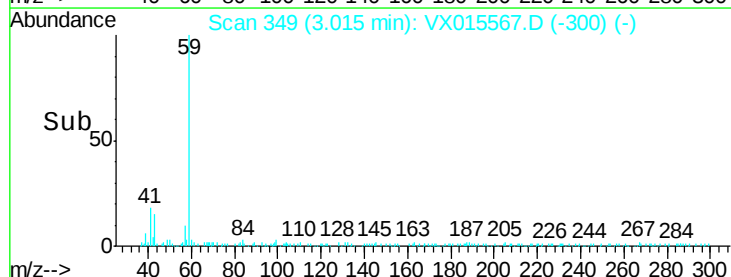
15000

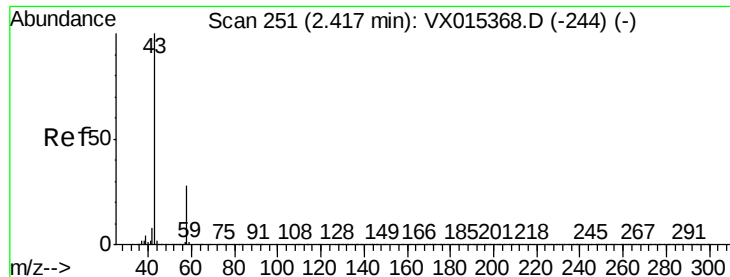
10000

5000

0

Time-->

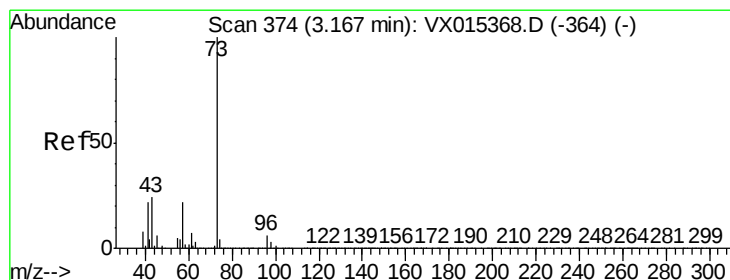
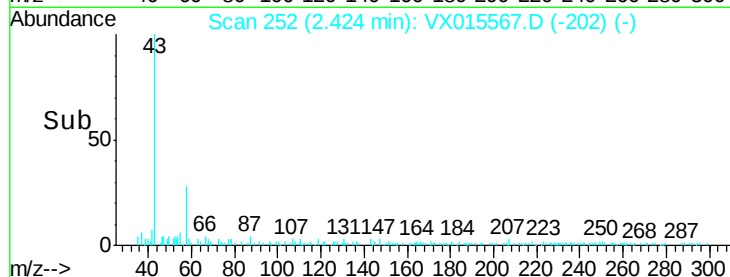
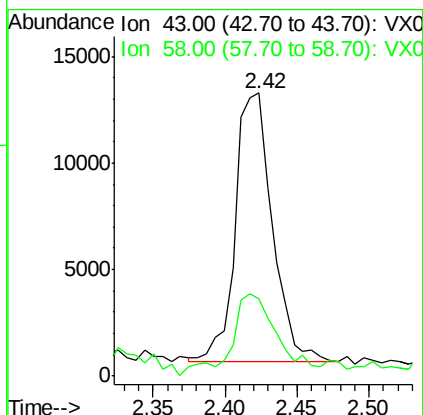
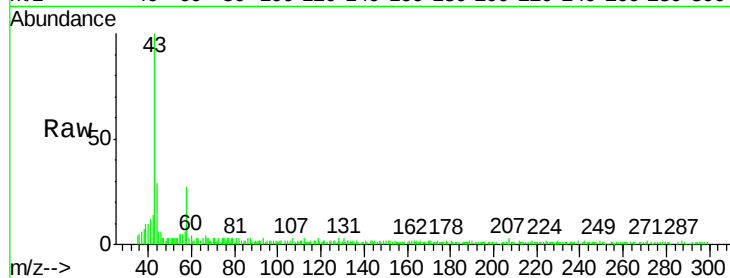




#16
Acetone
Concen: 3.415 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015567.D
Acq: 08 Apr 2020 14:31

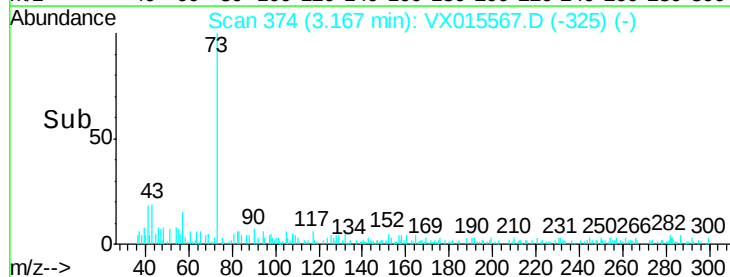
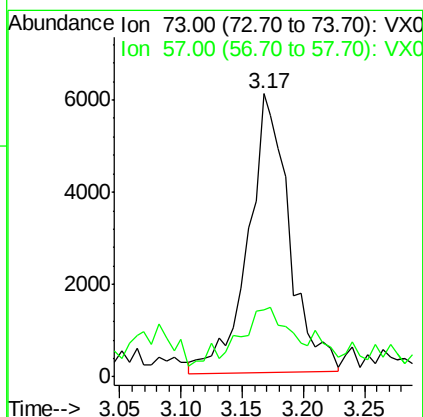
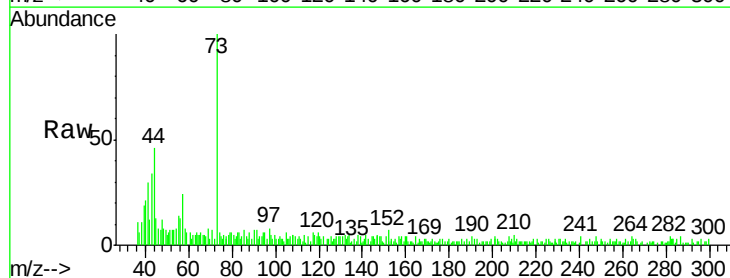
Instrument :
MSVOA_X
ClientSampled :
MH-5

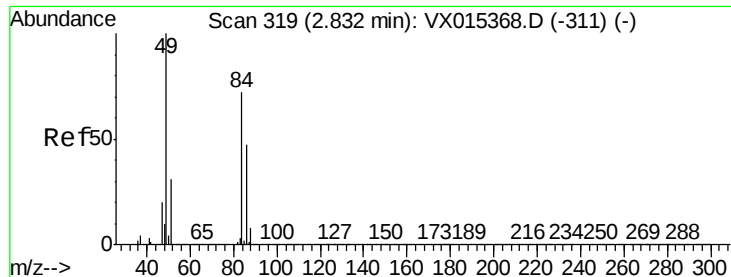
Tot Ion: 43 Resp: 22432
Ion Ratio Lower Upper
43 100
58 25.2 22.1 33.1



#19
Methyl tert-butyl Ether
Concen: 0.356 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015567.D
Acq: 08 Apr 2020 14:31

Tgt Ion: 73 Resp: 14111
Ion Ratio Lower Upper
73 100
57 17.3 17.9 26.9#

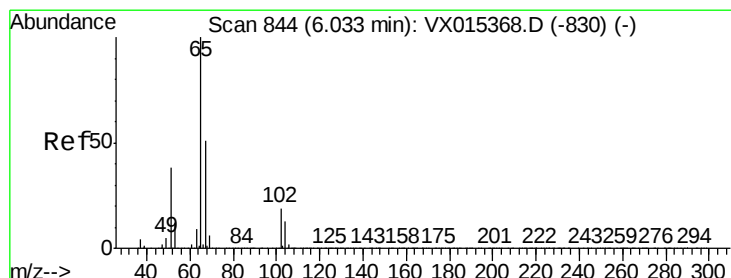
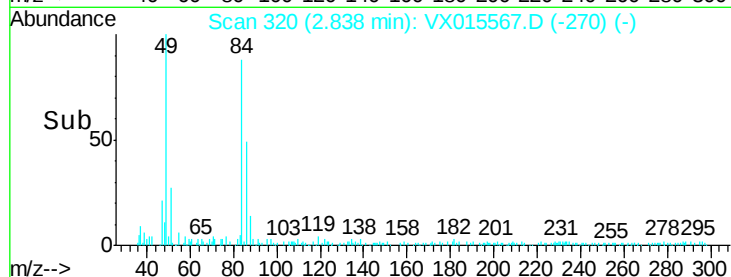
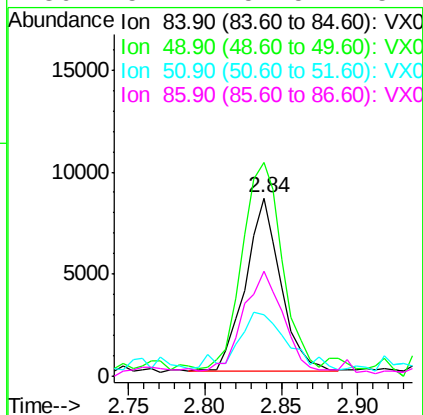
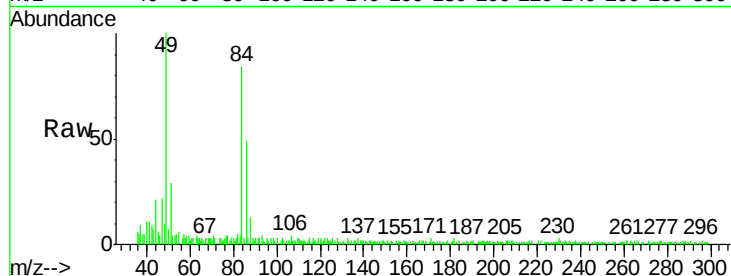




#20
Methvlene Chloride
Concen: 1.113 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015567.D
Acq: 08 Apr 2020 14:31

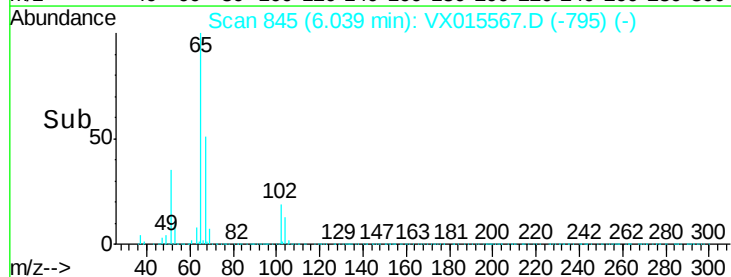
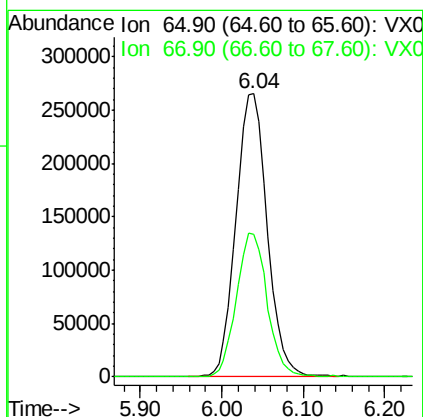
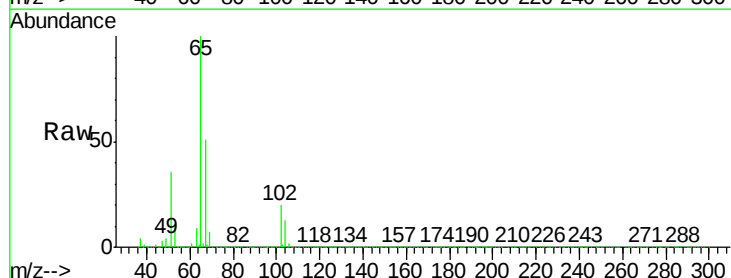
Instrument :
MSVOA_X
ClientSampleId :
MH-5

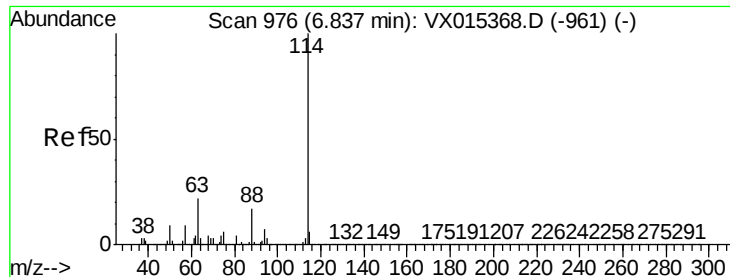
Tot Ion: 84 Resp: 13651
Ion Ratio Lower Upper
84 100
49 117.0 111.3 166.9
51 30.8 34.0 51.0#
86 57.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 45.973 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015567.D
Acq: 08 Apr 2020 14:31

Tgt Ion: 65 Resp: 702804
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015567.D

Acq: 08 Apr 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

MH-5

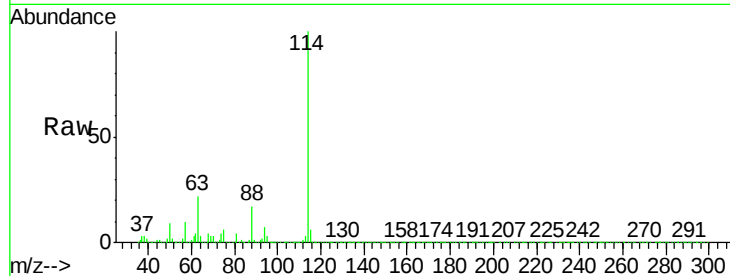
Tot Ion:114 Resp: 1670214

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

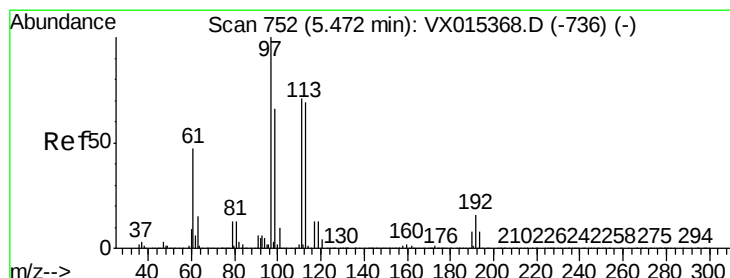
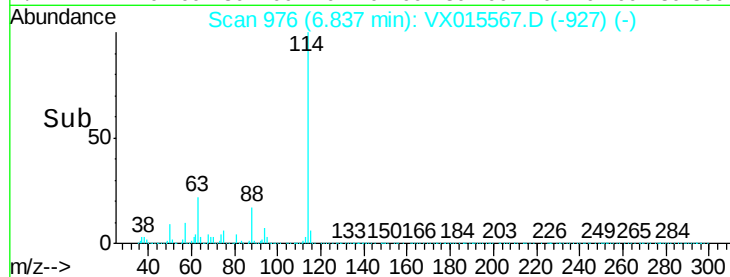
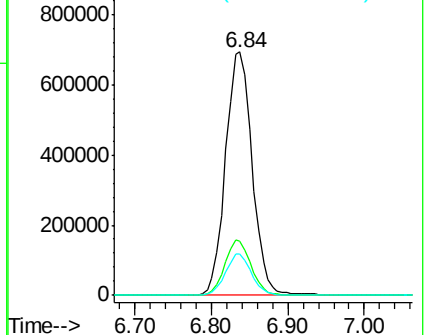
88 16.9 0.0 33.8



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: 49.122 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015567.D

Acq: 08 Apr 2020 14:31

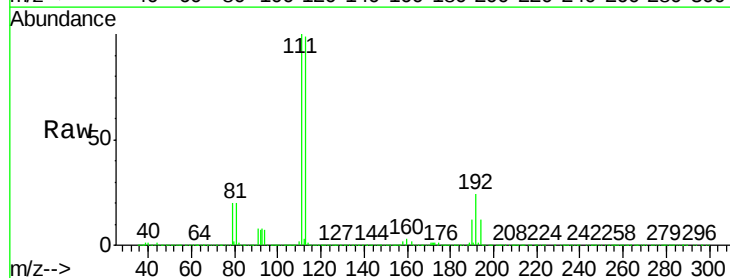
Tgt Ion:113 Resp: 524450

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

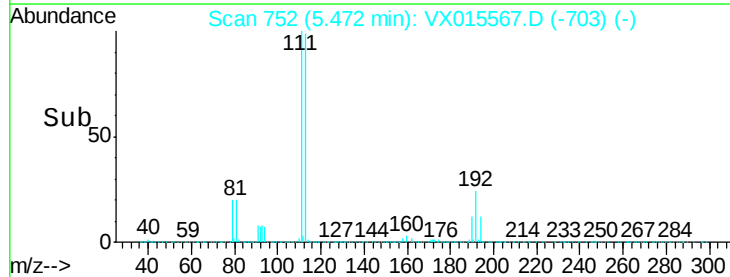
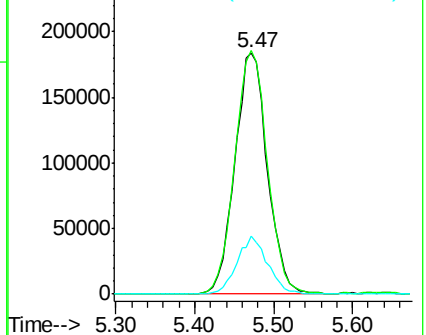
192 22.5 17.8 26.6

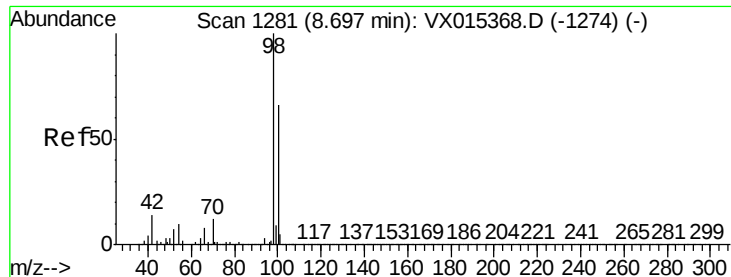


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

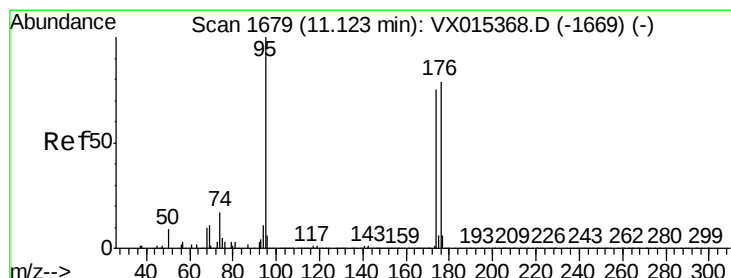
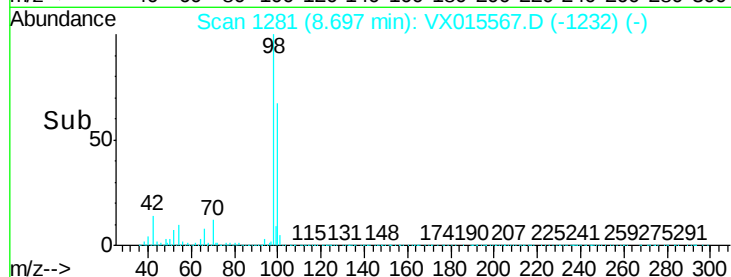
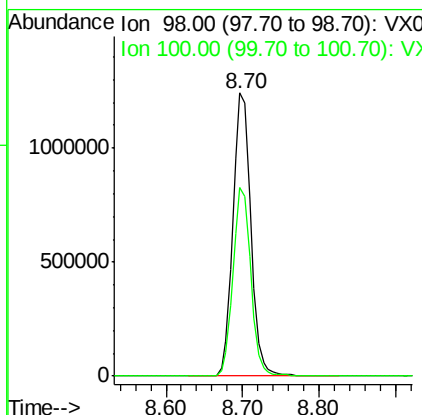
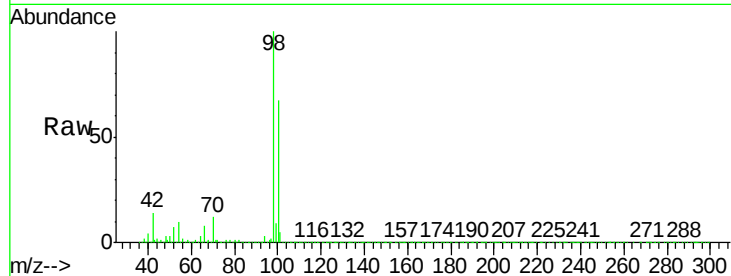




#50
Toluene-d8
Concen: 51.422 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015567.D
Acq: 08 Apr 2020 14:31

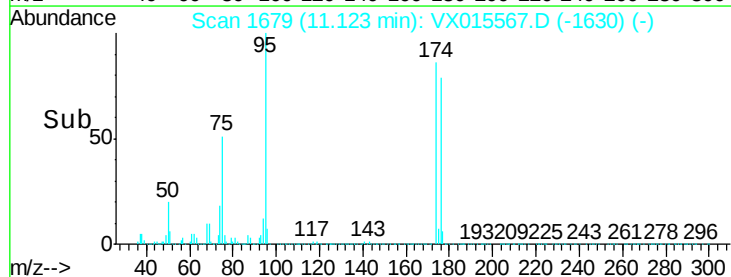
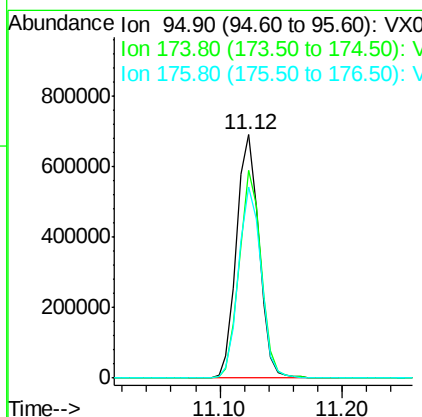
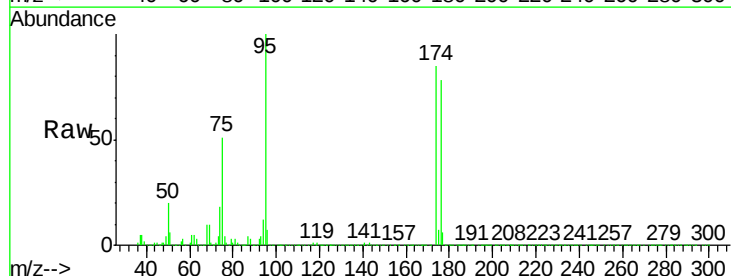
Instrument :
MSVOA_X
ClientSampled :
MH-5

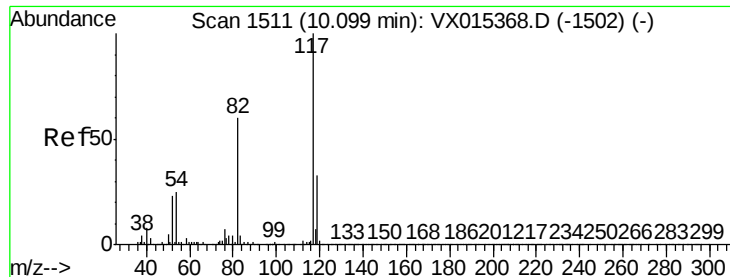
Tot Ion: 98 Resp: 2021292
Ion Ratio Lower Upper
98 100
100 66.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 54.597 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015567.D
Acq: 08 Apr 2020 14:31

Tgt Ion: 95 Resp: 872178
Ion Ratio Lower Upper
95 100
174 83.4 0.0 158.6
176 79.2 0.0 159.0

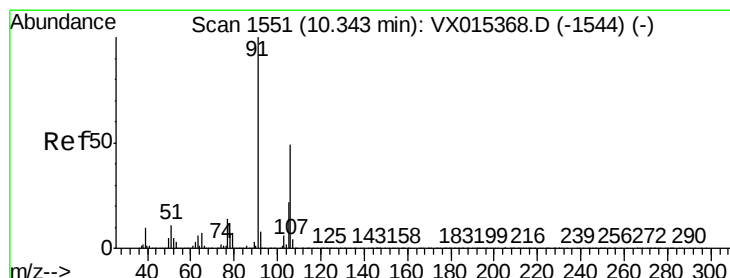
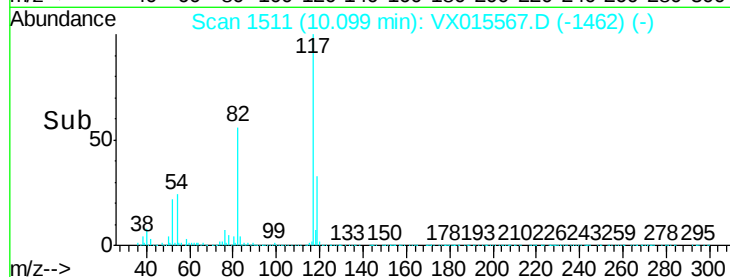
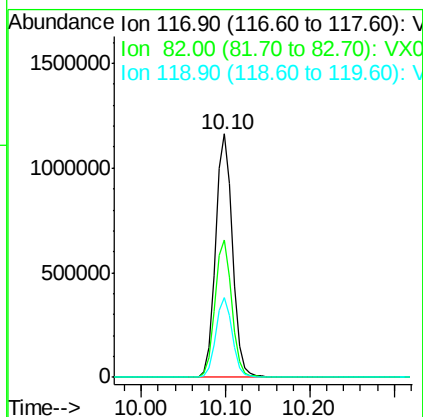
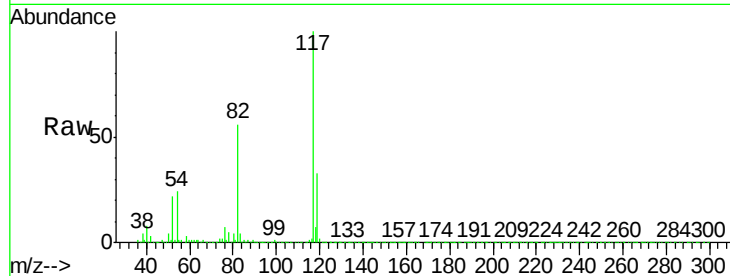




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015567.D
Acq: 08 Apr 2020 14:31

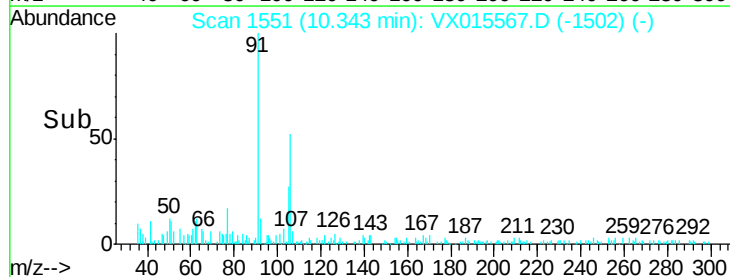
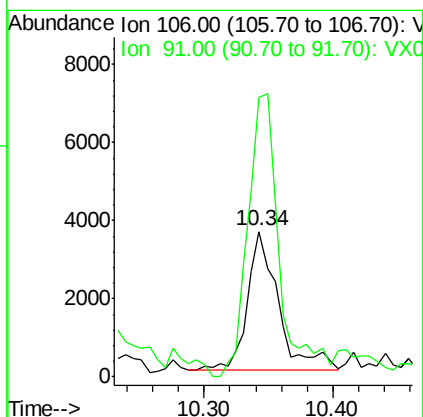
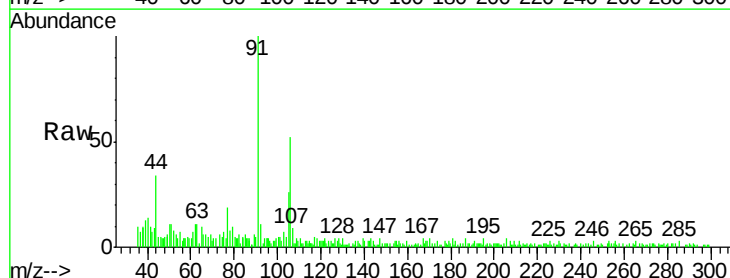
Instrument :
MSVOA_X
ClientSampled :
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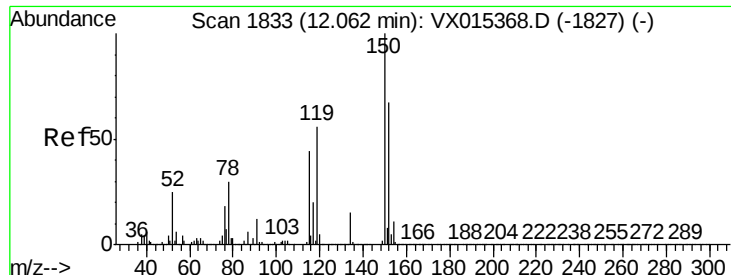
Tot Ion:117 Resp: 1623823
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.8
119 32.9 26.8 40.2



#68
m/p-Xylenes
Concen: 0.278 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015567.D
Acq: 08 Apr 2020 14:31

Tgt Ion:106 Resp: 5941
Ion Ratio Lower Upper
106 100
91 204.2 163.4 245.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015567.D

Acq: 08 Apr 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

MH-5

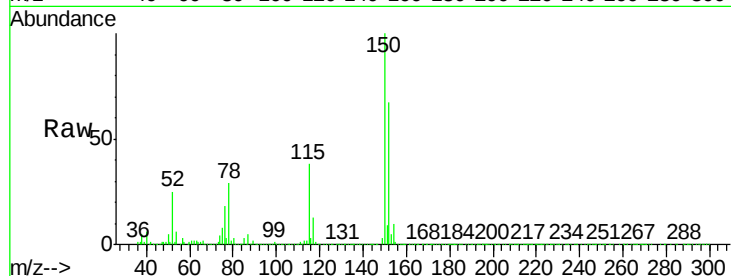
Tot Ion:152 Resp: 887400

Ion Ratio Lower Upper

152 100

115 57.6 39.0 116.9

150 154.9 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

