

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015417.D
 Acq On : 28 Mar 2020 06:10
 Operator : JC/SP
 Sample : L2018-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 30 05:44:49 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

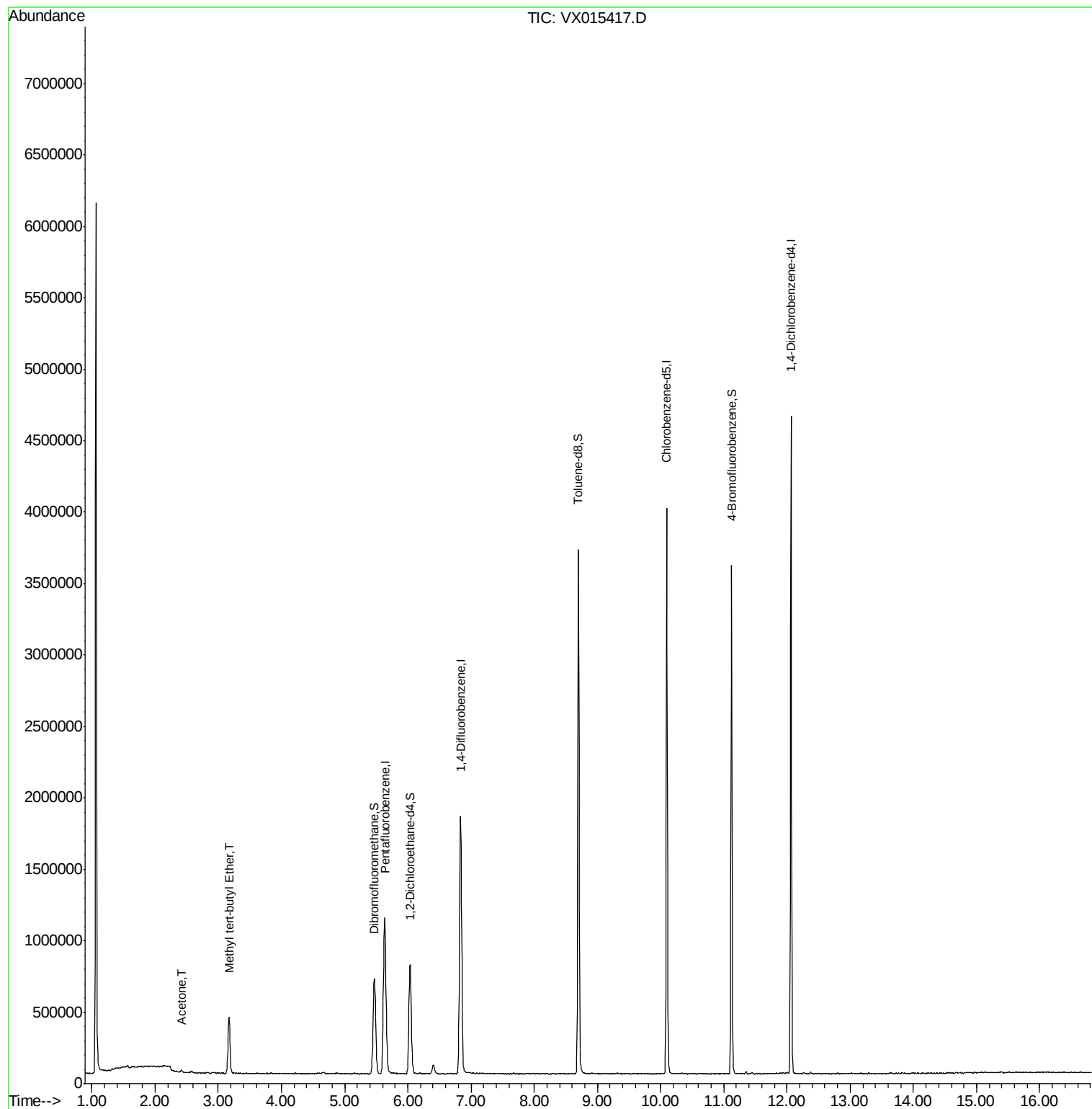
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1075607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1809341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1706048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	912617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	738305	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
35) Dibromofluoromethane	5.47	113	556834	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	8.70	98	2162685	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.12	95	938014	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
Target Compounds						
16) Acetone	2.42	43	22943	3.520	ug/l	91
19) Methyl tert-butyl Ether	3.17	73	437362	11.105	ug/l	99

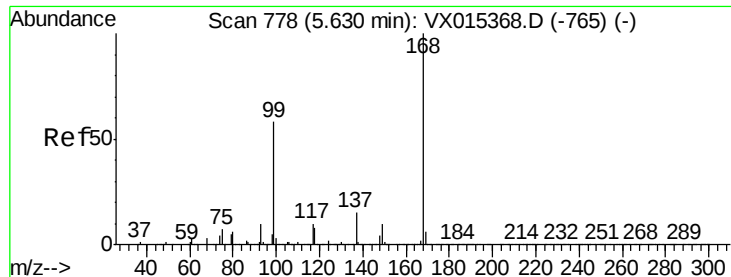
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015417.D

Acq: 28 Mar 2020 06:10

Instrument :

MSVOA_X

ClientSampled :

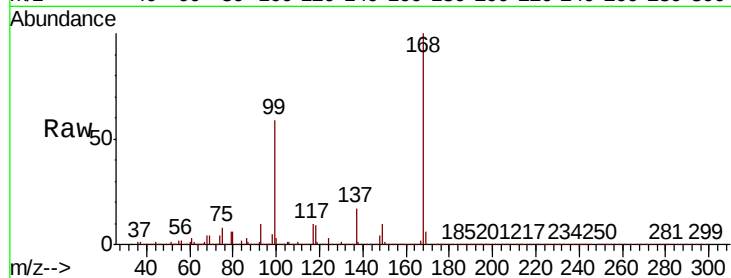
MW-3

Tot Ion:168 Resp: 1075607

Ion Ratio Lower Upper

168 100

99 59.5 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

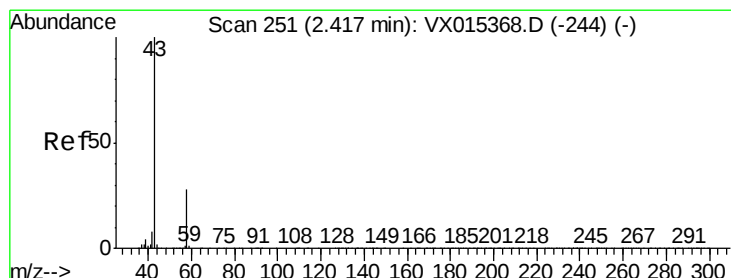
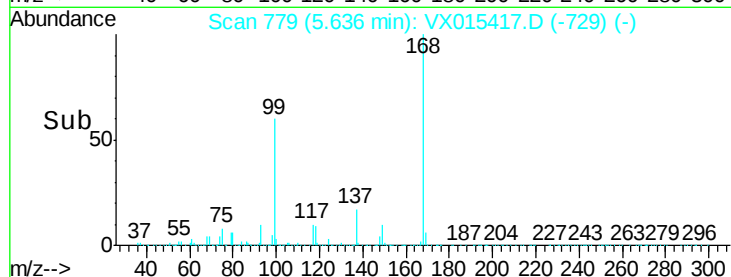
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.520 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015417.D

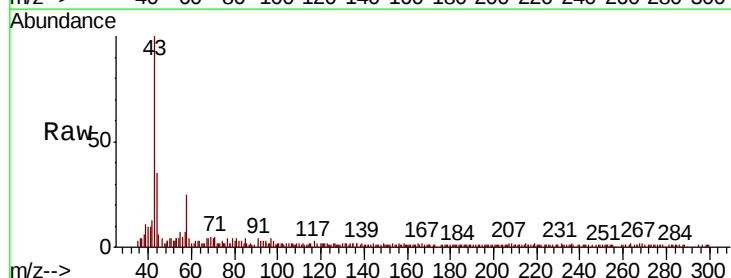
Acq: 28 Mar 2020 06:10

Tgt Ion: 43 Resp: 22943

Ion Ratio Lower Upper

43 100

58 22.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

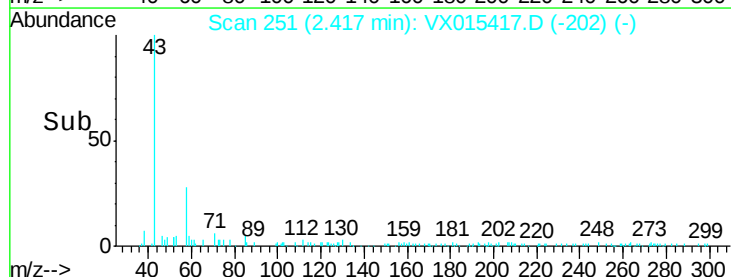
15000

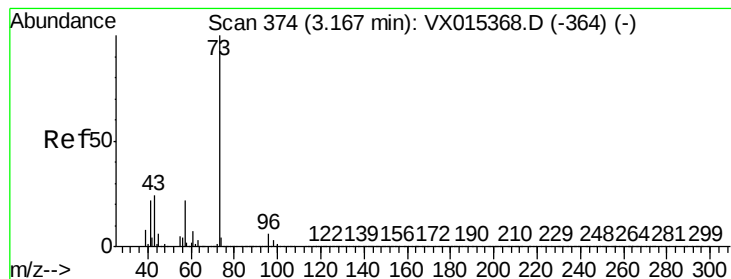
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5000

0

Time-->



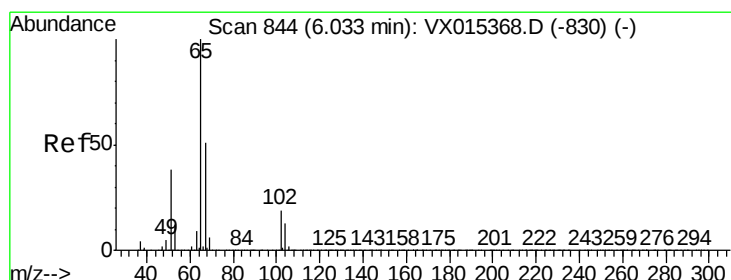
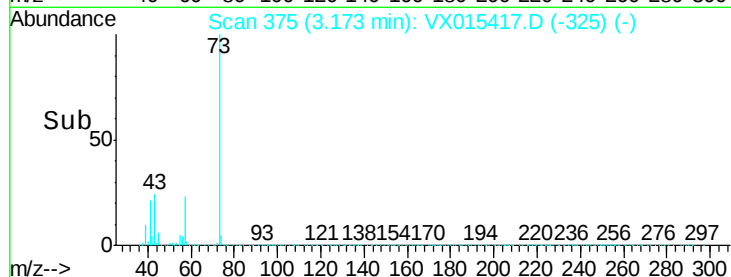
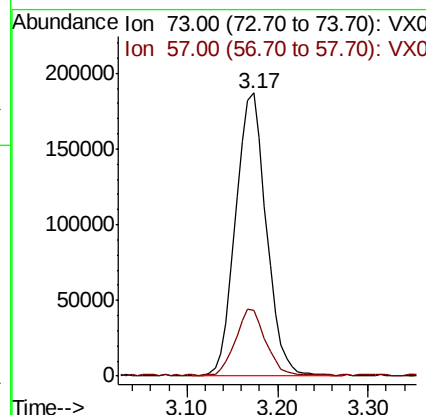
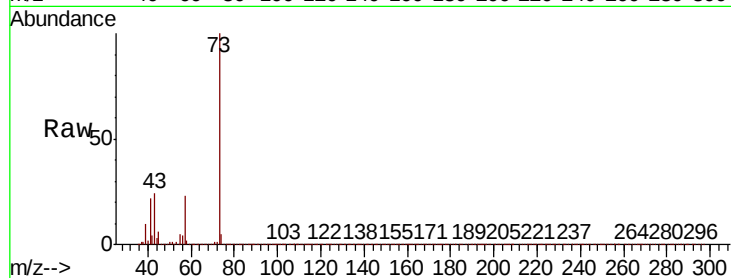


#19

Methyl tert-butyl Ether
 Concen: 11.105 ug/l
 RT: 3.17 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VX015417.D
 Acq: 28 Mar 2020 06:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

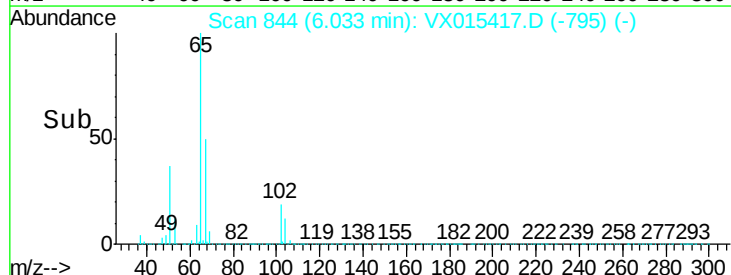
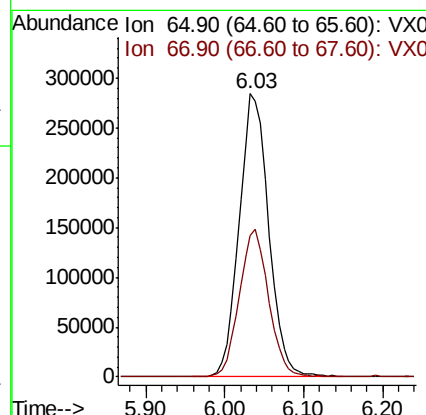
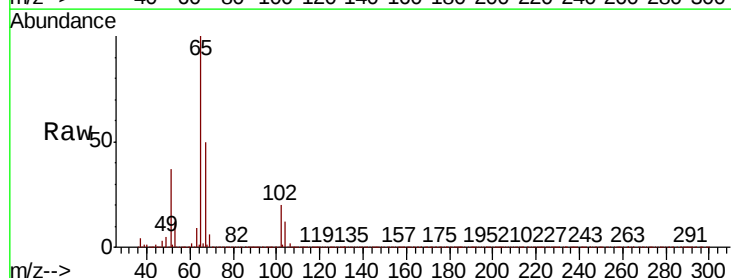
Tot Ion: 73 Resp: 437362
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.9 26.9

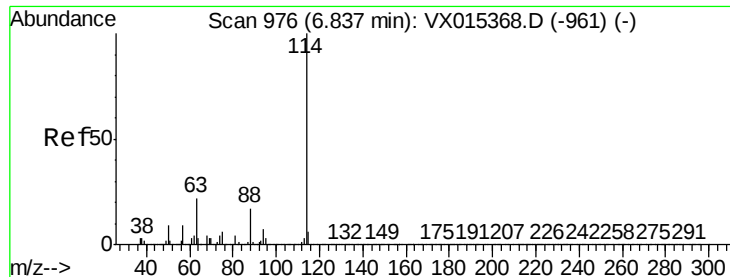


#33

1,2-Dichloroethane-d4
 Concen: 48.668 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015417.D
 Acq: 28 Mar 2020 06:10

Tgt Ion: 65 Resp: 738305
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015417.D

Acq: 28 Mar 2020 06:10

Instrument :

MSVOA_X

ClientSampleId :

MW-3

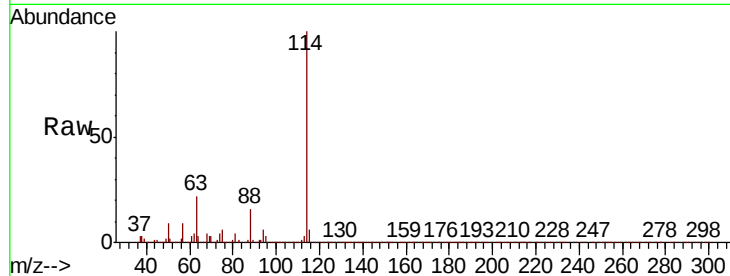
Tot Ion:114 Resp: 1809341

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

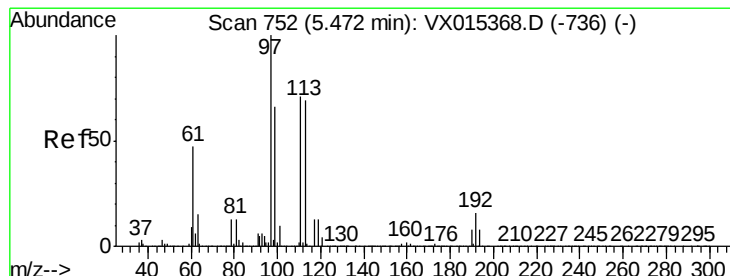
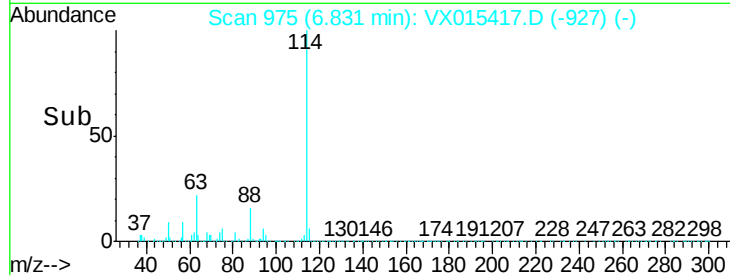
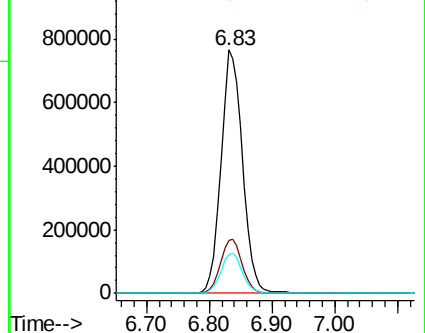
88 15.8 0.0 33.8



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: 48.145 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015417.D

Acq: 28 Mar 2020 06:10

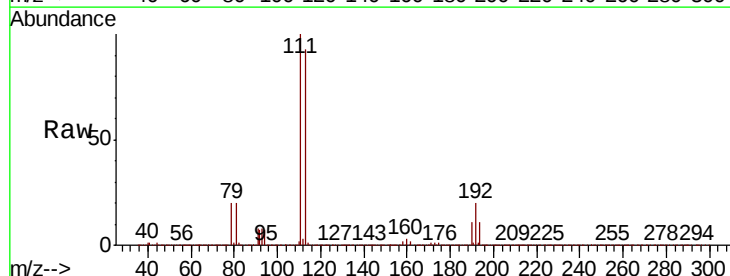
Tgt Ion:113 Resp: 556834

Ion Ratio Lower Upper

113 100

111 104.8 81.5 122.3

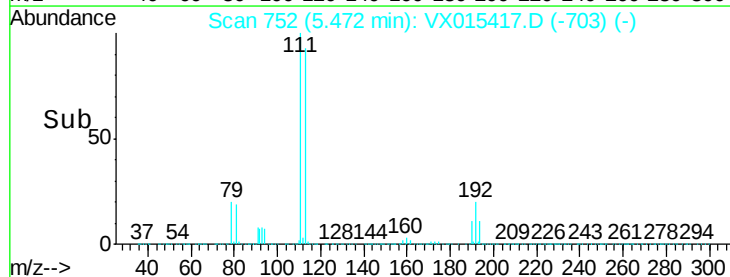
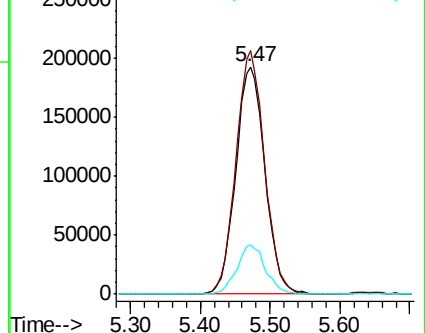
192 21.0 17.8 26.6

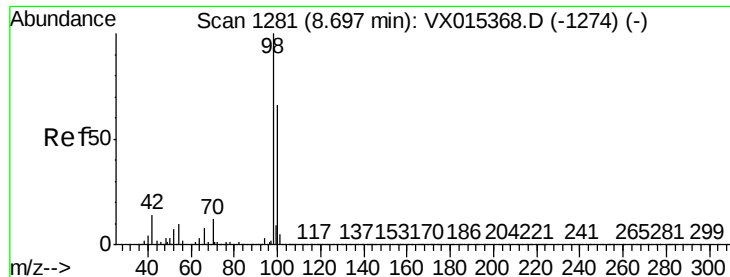


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.788 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015417.D

Acq: 28 Mar 2020 06:10

Instrument :

MSVOA_X

ClientSampleId :

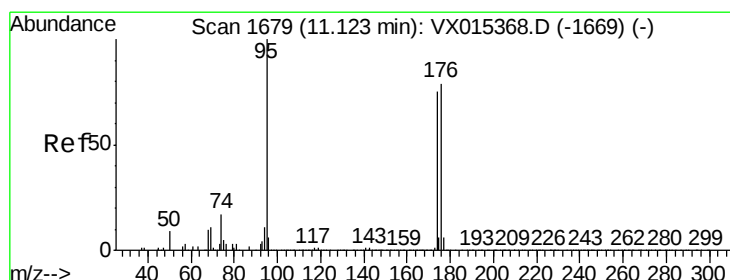
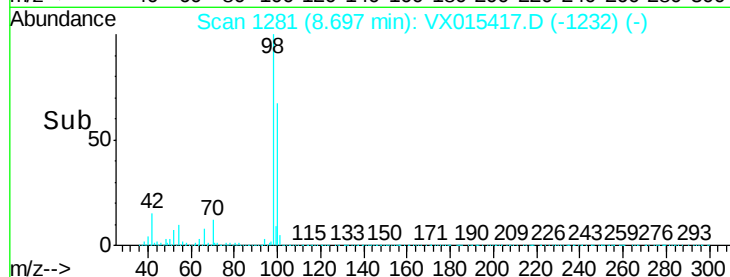
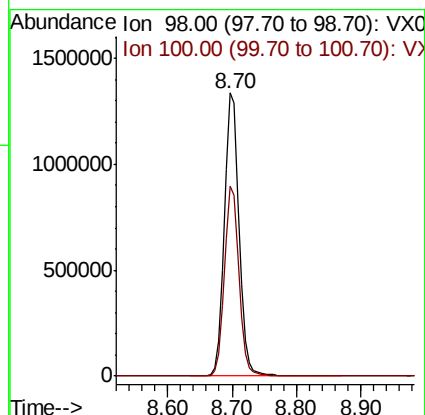
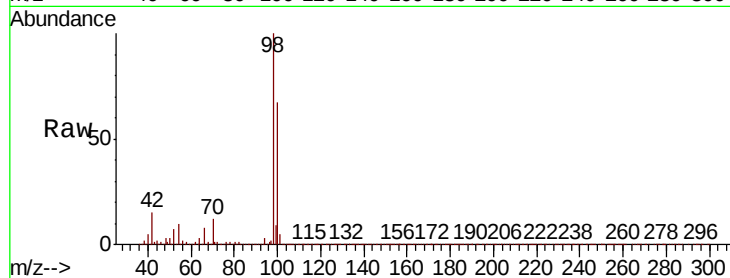
MW-3

Tot Ion: 98 Resp: 2162685

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.203 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015417.D

Acq: 28 Mar 2020 06:10

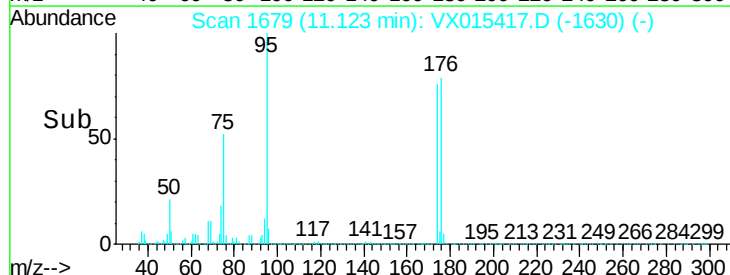
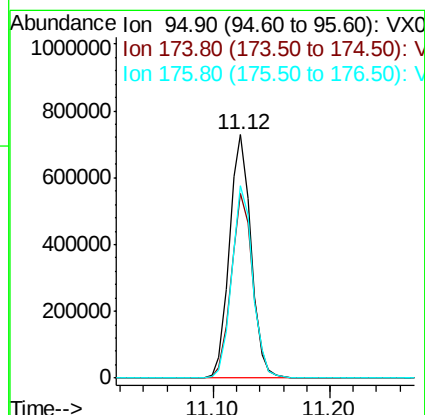
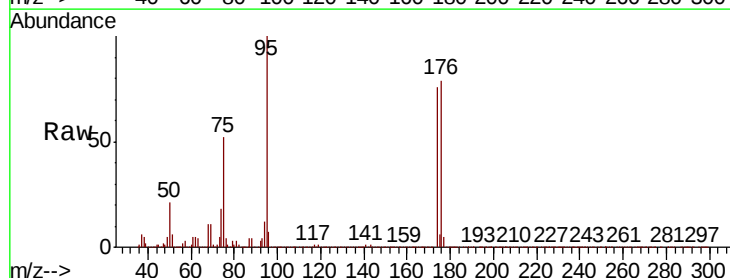
Tgt Ion: 95 Resp: 938014

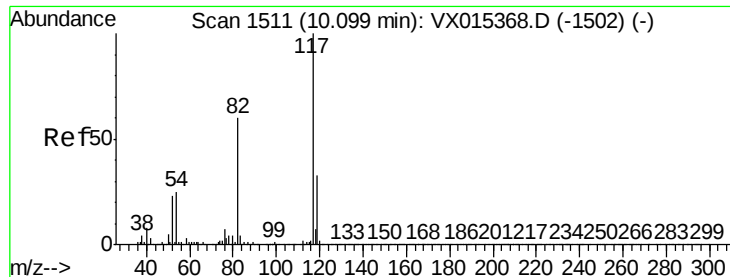
Ion Ratio Lower Upper

95 100

174 76.0 0.0 158.6

176 77.2 0.0 159.0

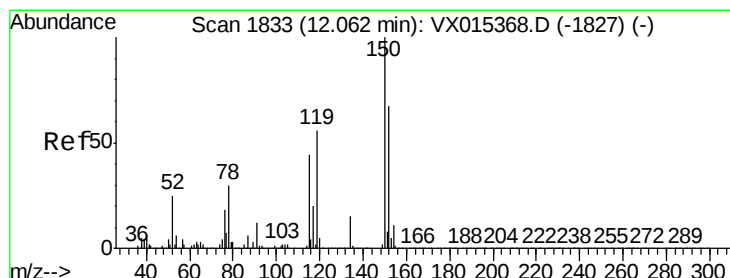
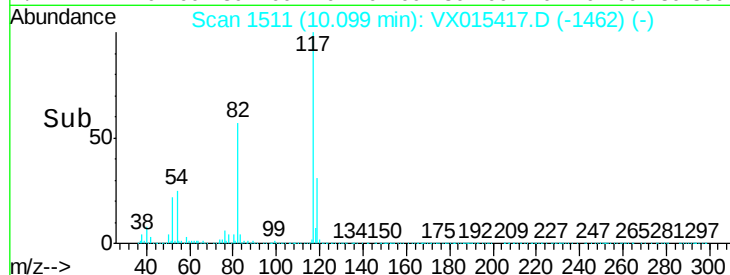
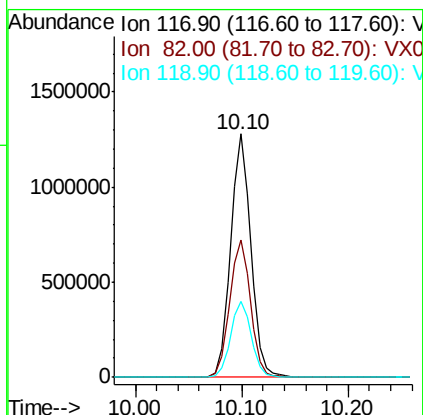
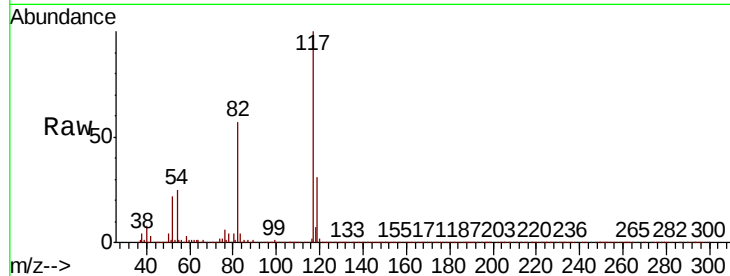




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015417.D
Acq: 28 Mar 2020 06:10

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion:117 Resp: 1706048
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.8
119 31.0 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015417.D
Acq: 28 Mar 2020 06:10

Tgt Ion:152 Resp: 912617
Ion Ratio Lower Upper
152 100
115 58.8 39.0 116.9
150 156.7 0.0 340.8

