

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016647.D
 Acq On : 08 Jun 2020 19:05
 Operator : JC/SP
 Sample : L2949-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 09 06:33:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

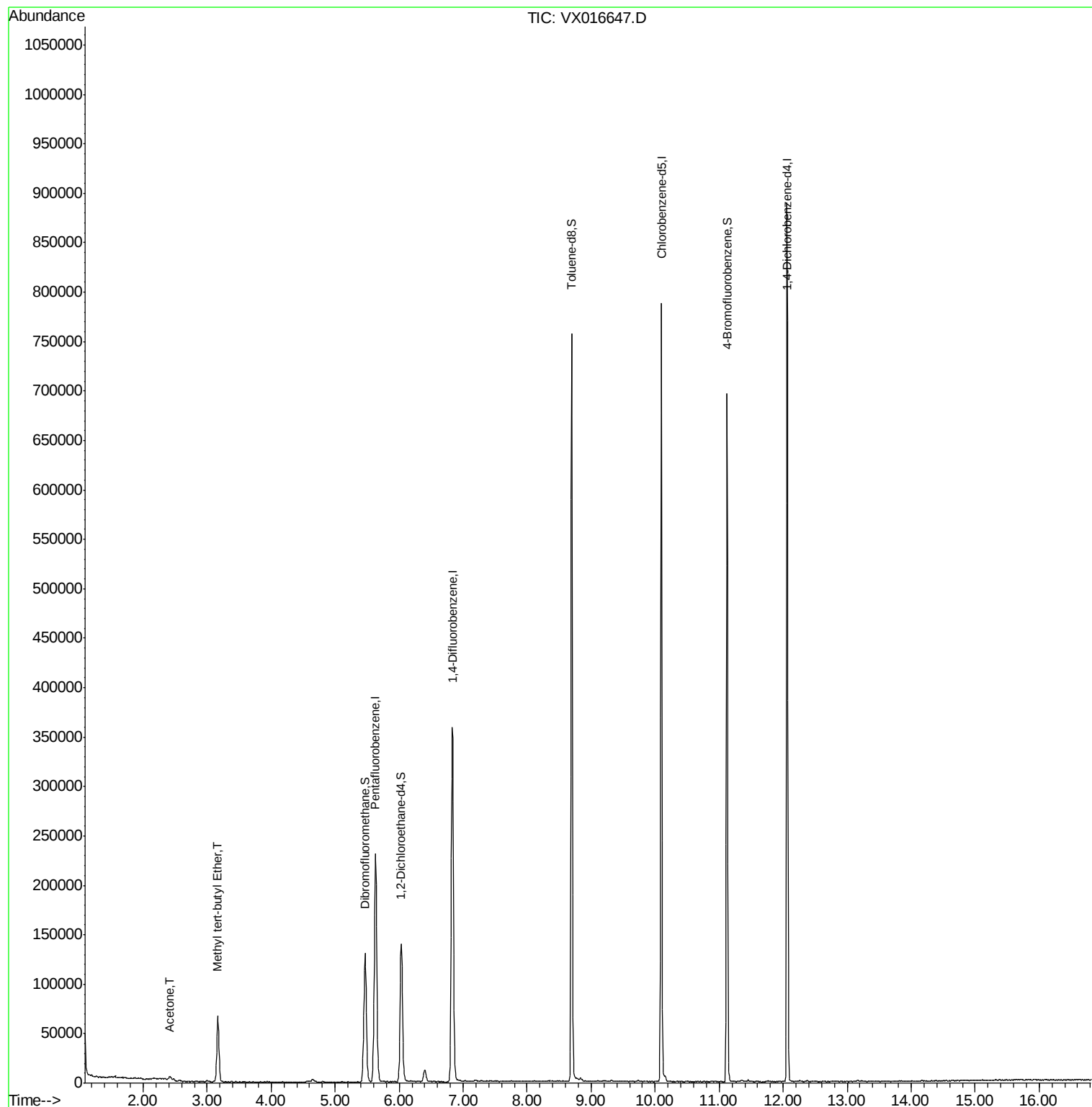
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	227525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	364651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	137389	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	5.47	113	111566	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.70	98	451300	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.12	95	180819	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
Target Compounds						
16) Acetone	2.41	43	3000	2.423	ug/l #	88
19) Methyl tert-butyl Ether	3.17	73	77653	9.878	ug/l	98

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

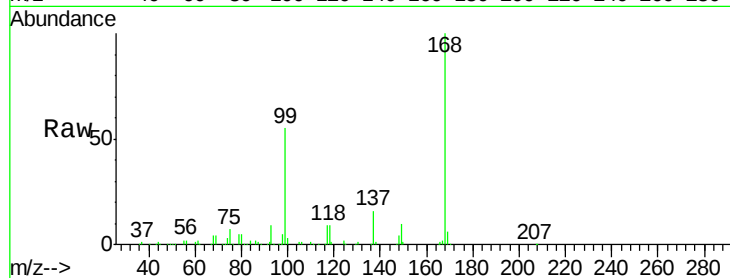
MW-3

Tot Ion:168 Resp: 227525

Ion Ratio Lower Upper

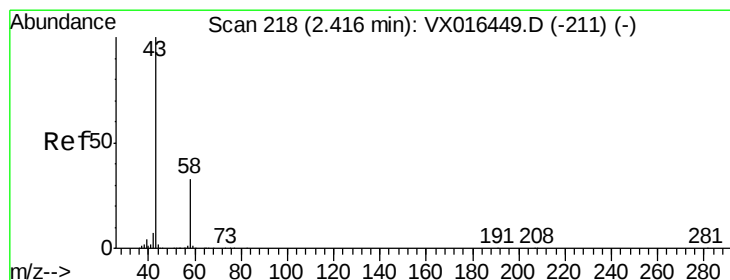
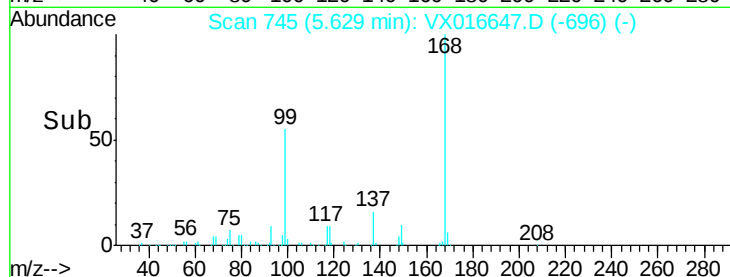
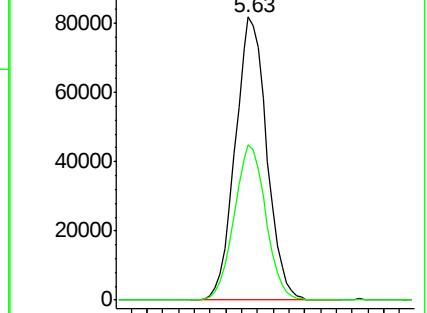
168 100

99 54.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.423 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX016647.D

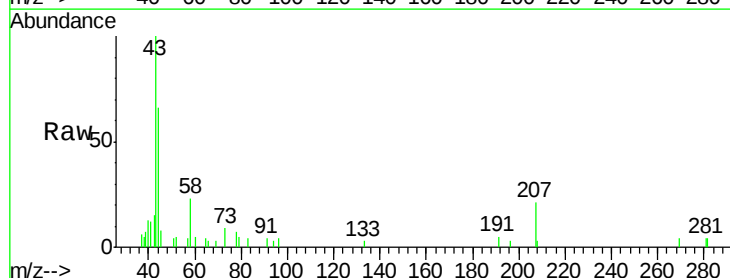
Acq: 08 Jun 2020 19:05

Tgt Ion: 43 Resp: 3000

Ion Ratio Lower Upper

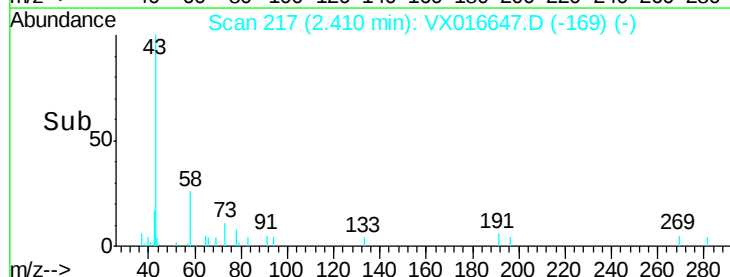
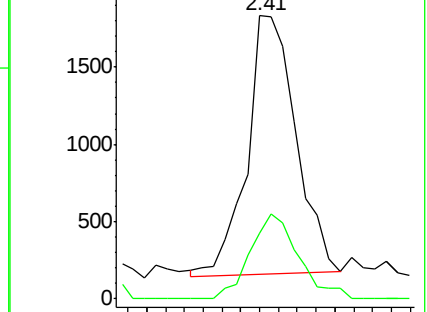
43 100

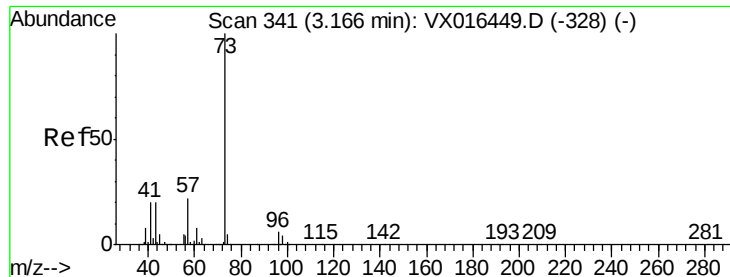
58 25.8 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



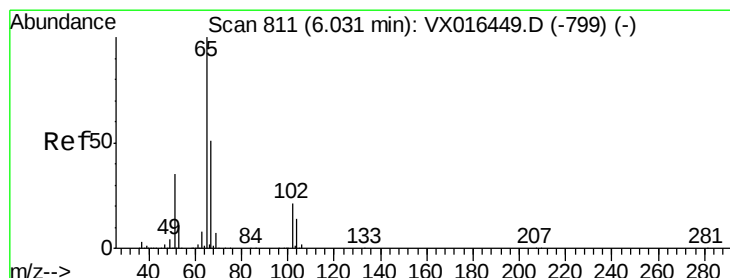
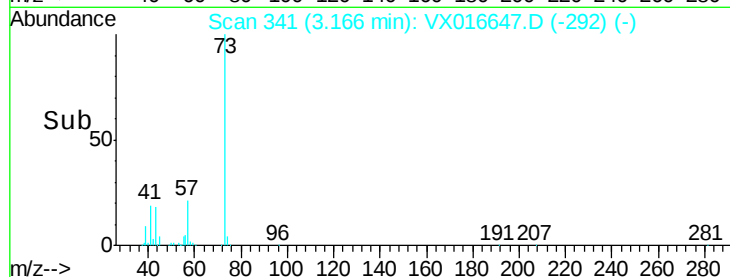
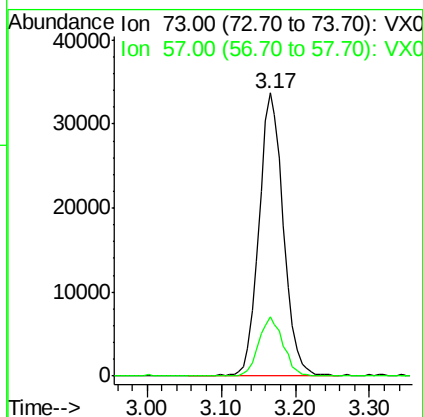
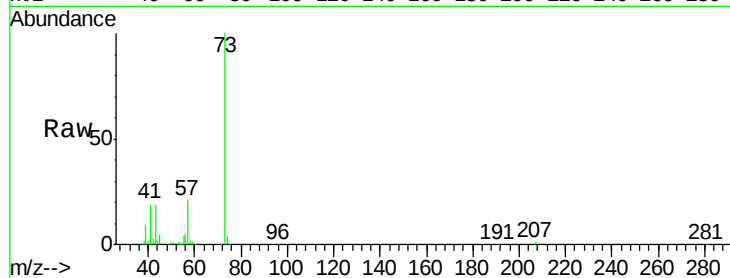


#19

Methvl tert-butvl Ether
 Concen: 9.878 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016647.D
 Acq: 08 Jun 2020 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

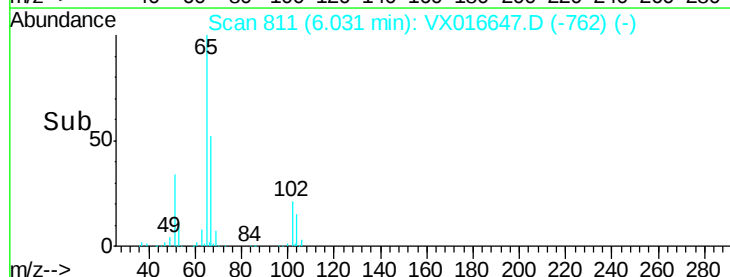
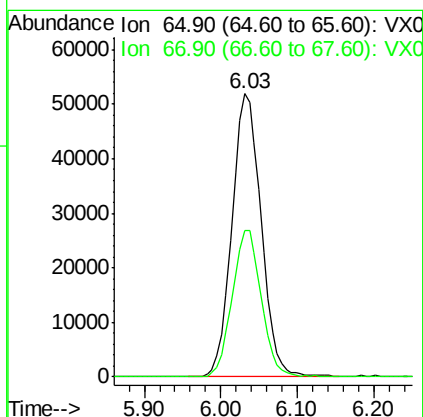
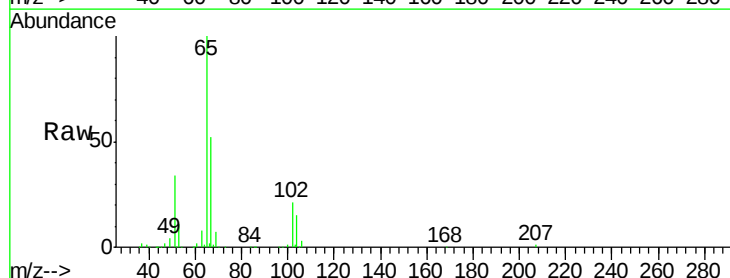
Tot Ion: 73 Resp: 77653
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.8 26.6

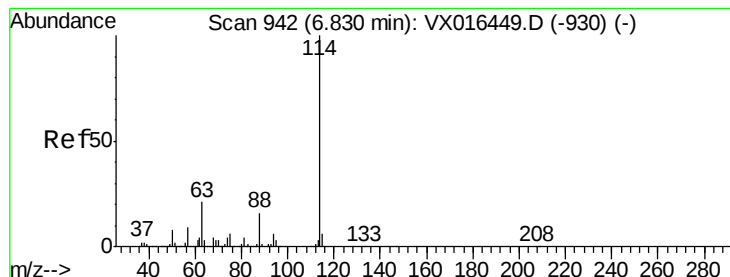


#33

1,2-Dichloroethane-d4
 Concen: 48.624 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016647.D
 Acq: 08 Jun 2020 19:05

Tgt Ion: 65 Resp: 137389
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016647.D

Acq: 08 Jun 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

MW-3

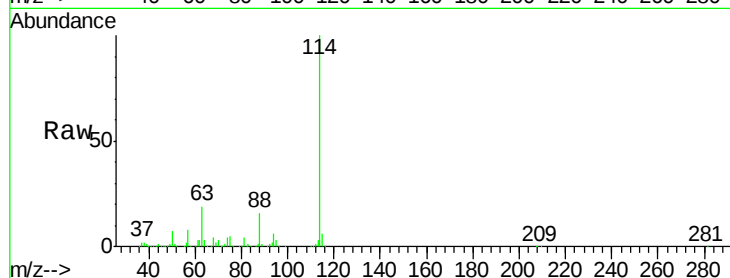
Tot Ion:114 Resp: 364651

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

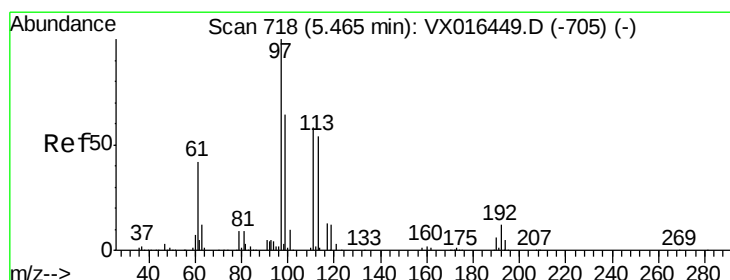
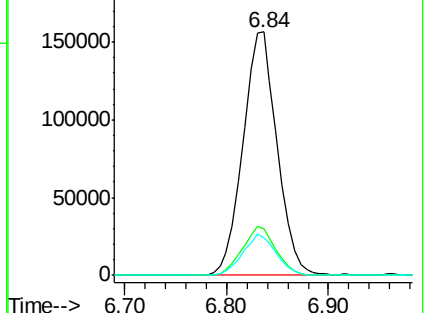
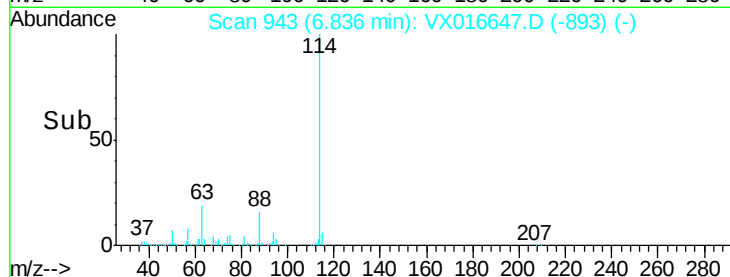
88 15.6 0.0 32.8



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: 49.688 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016647.D

Acq: 08 Jun 2020 19:05

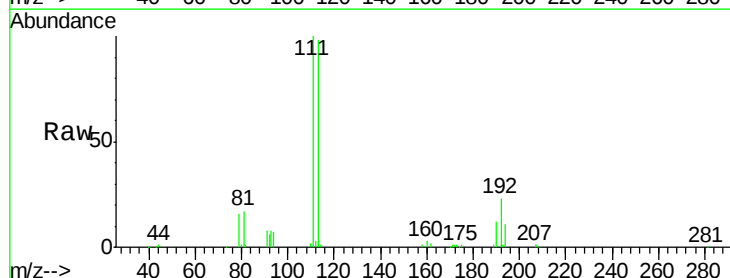
Tgt Ion:113 Resp: 111566

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

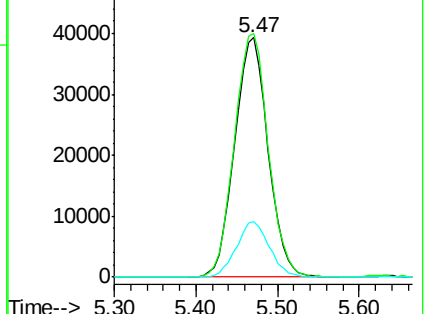
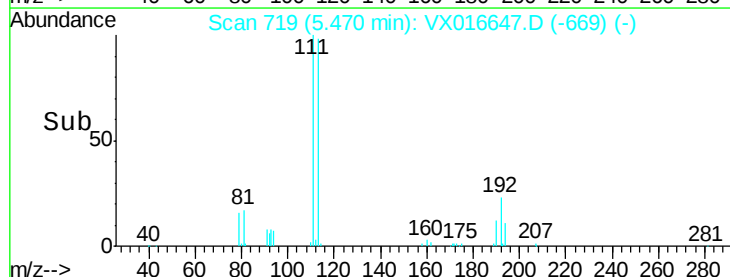
192 22.8 17.7 26.5

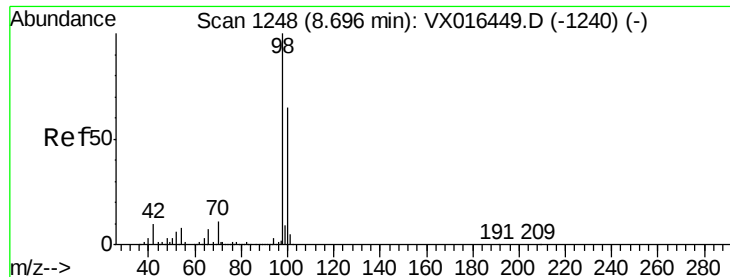


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.640 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016647.D

Acq: 08 Jun 2020 19:05

Instrument :

MSVOA_X

ClientSampleId :

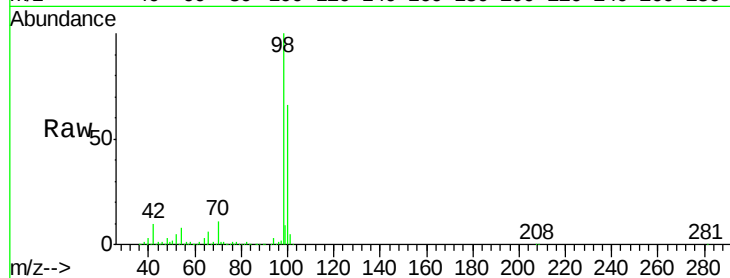
MW-3

Tot Ion: 98 Resp: 451300

Ion Ratio Lower Upper

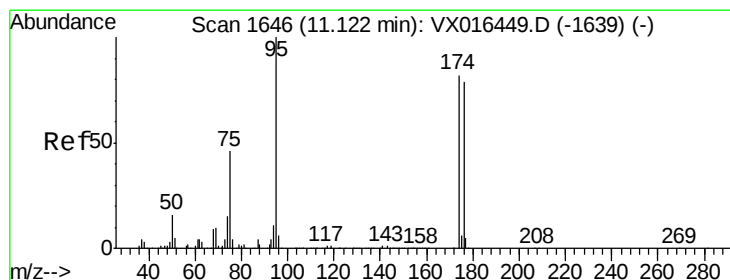
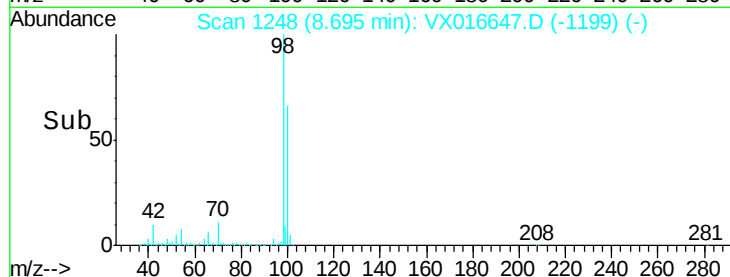
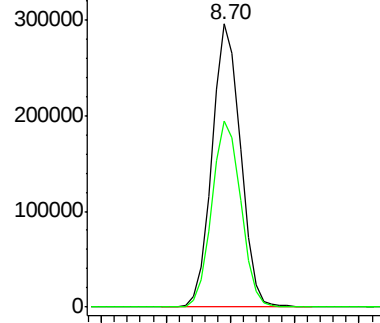
98 100

100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 53.547 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016647.D

Acq: 08 Jun 2020 19:05

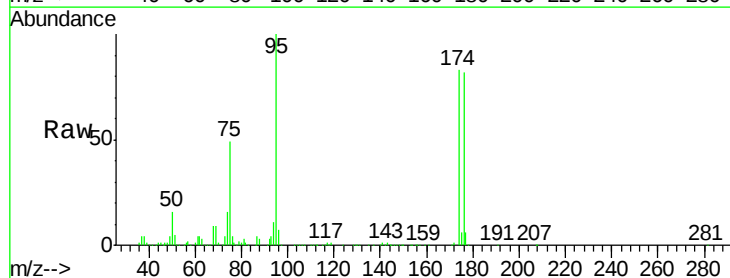
Tgt Ion: 95 Resp: 180819

Ion Ratio Lower Upper

95 100

174 85.1 0.0 163.0

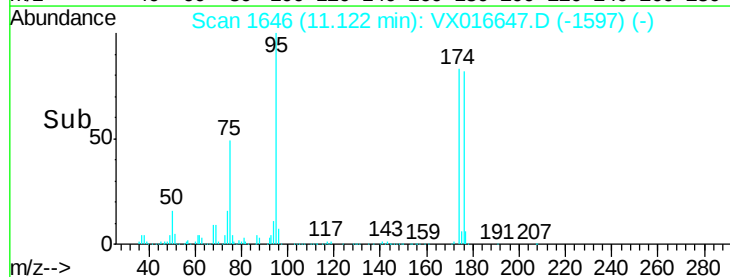
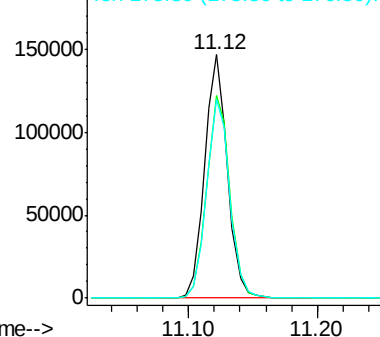
176 83.2 0.0 156.8

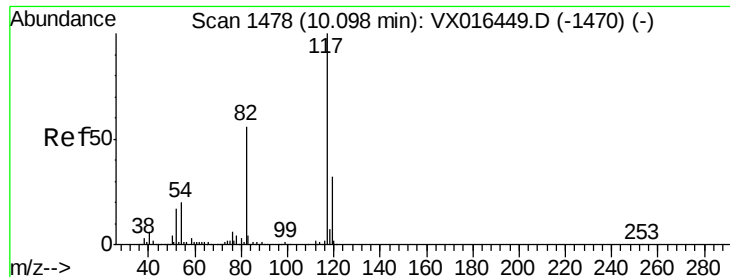


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

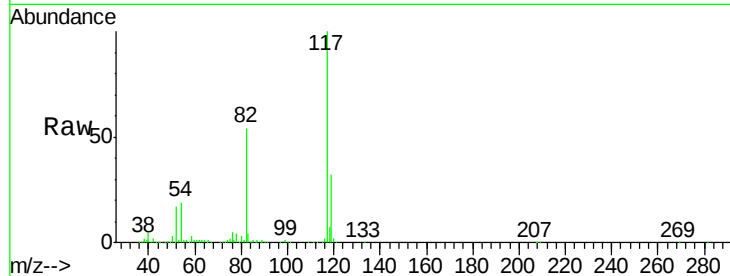




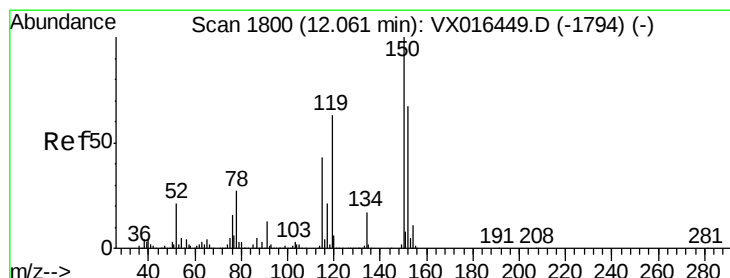
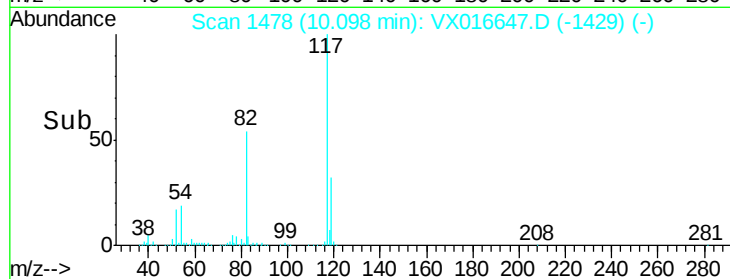
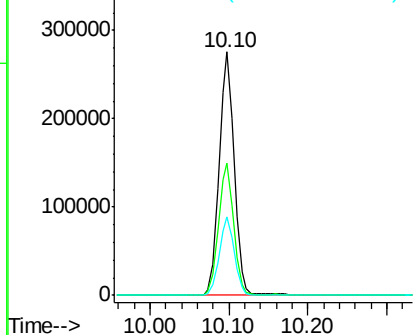
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016647.D
Acq: 08 Jun 2020 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion:117 Resp: 368845
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.6
119 32.0 25.8 38.8

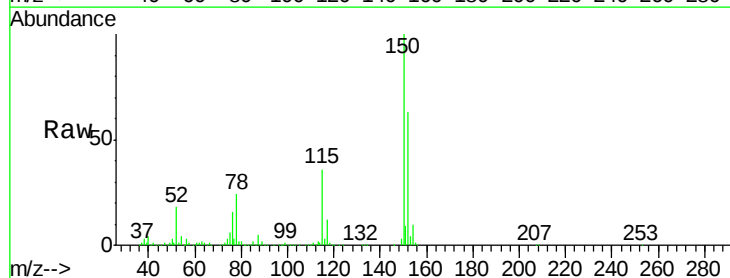


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016647.D
Acq: 08 Jun 2020 19:05

Tgt Ion:152 Resp: 190306
Ion Ratio Lower Upper
152 100
115 57.9 39.9 119.6
150 156.9 0.0 341.0



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

