

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016648.D
 Acq On : 08 Jun 2020 19:28
 Operator : JC/SP
 Sample : L2949-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jun 09 06:35:08 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

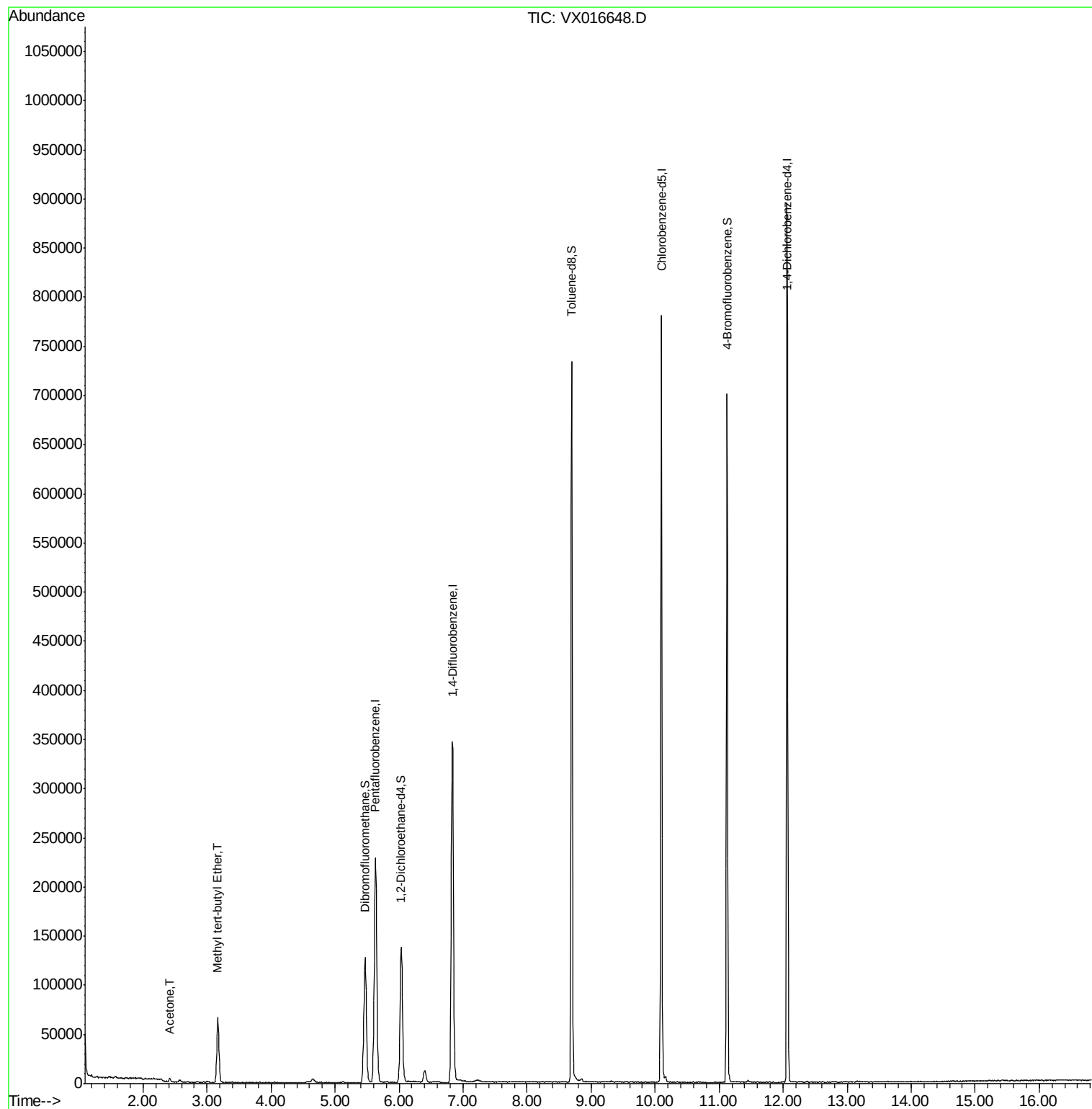
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	225197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	360977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	363528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	132308	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
35) Dibromofluoromethane	5.47	113	110411	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	8.70	98	444513	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.12	95	177490	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
Target Compounds						
16) Acetone	2.42	43	3748	3.059	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	77068	9.905	ug/l	94

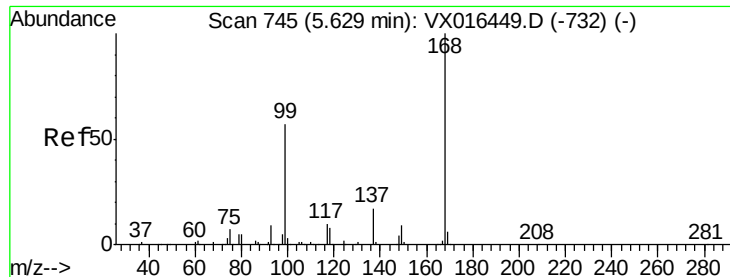
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016648.D

Acq: 08 Jun 2020 19:28

Instrument :

MSVOA_X

ClientSampled :

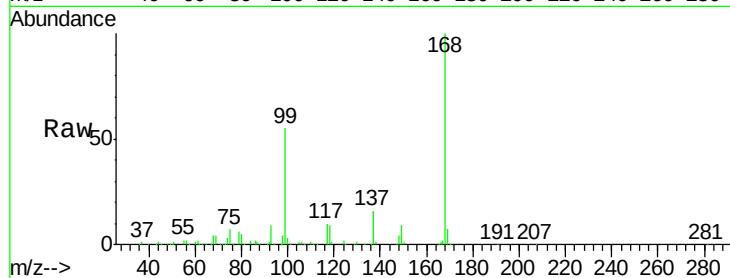
MW-4

Tot Ion:168 Resp: 225197

Ion Ratio Lower Upper

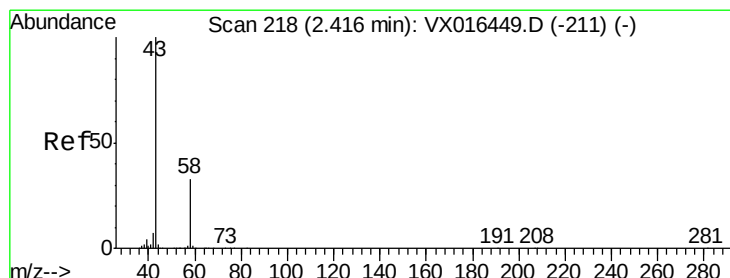
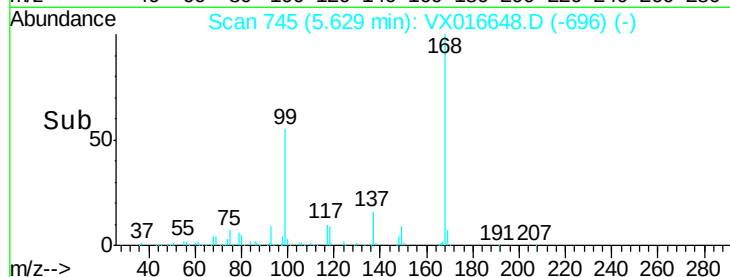
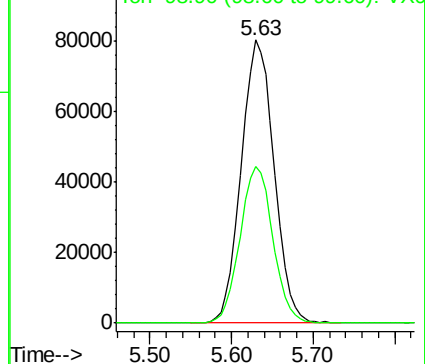
168 100

99 55.3 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: 3.059 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016648.D

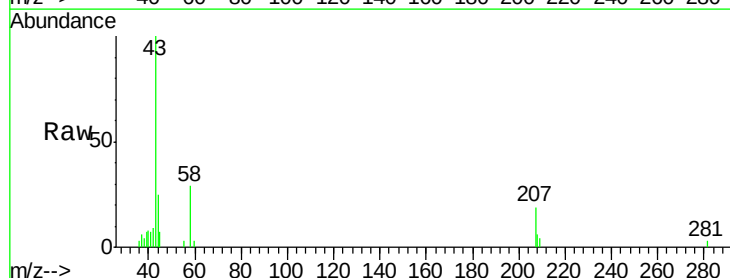
Acq: 08 Jun 2020 19:28

Tgt Ion: 43 Resp: 3748

Ion Ratio Lower Upper

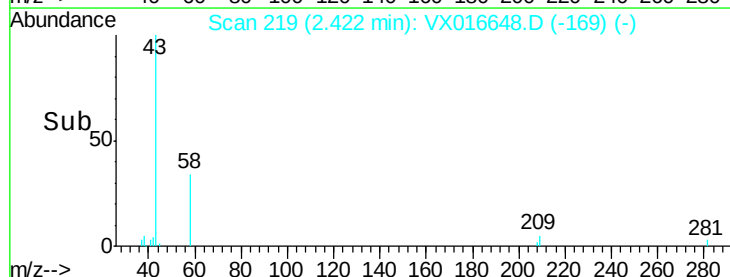
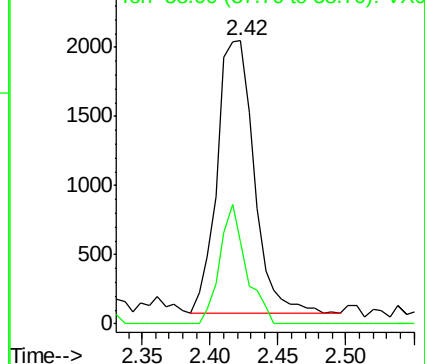
43 100

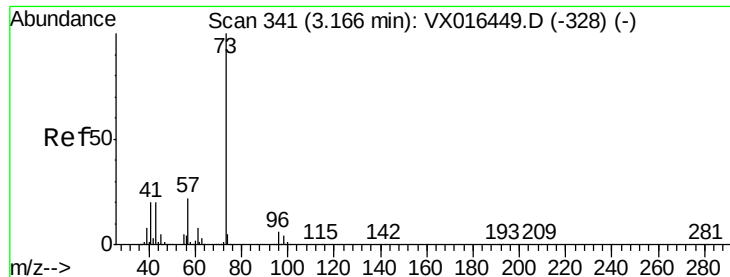
58 30.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

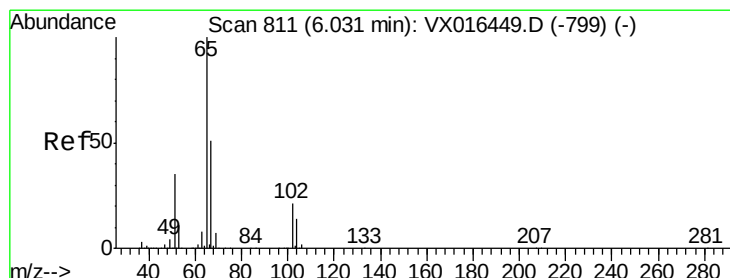
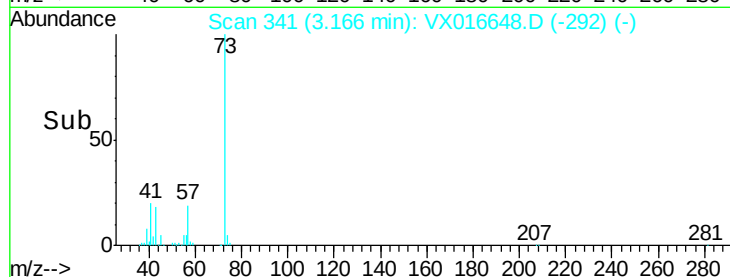
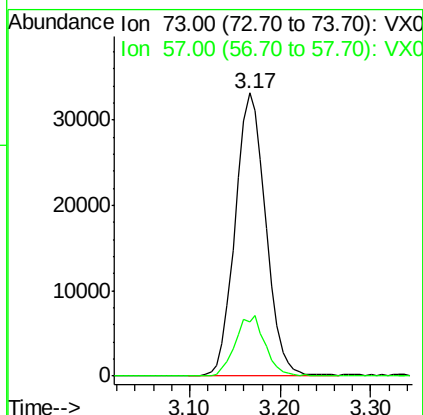
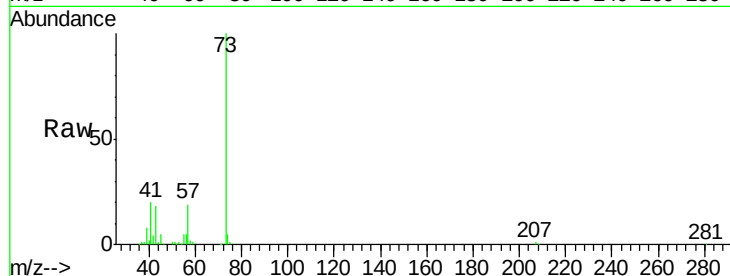




#19
Methvl tert-butvl Ether
Concen: 9.905 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016648.D
Acq: 08 Jun 2020 19:28

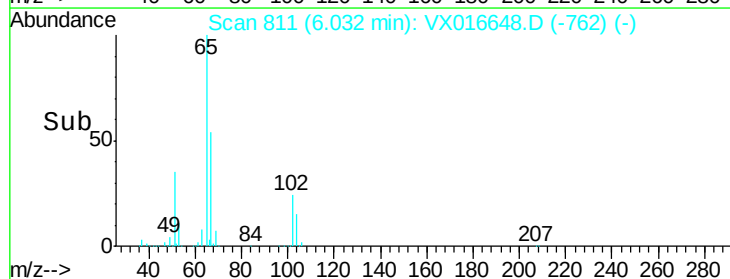
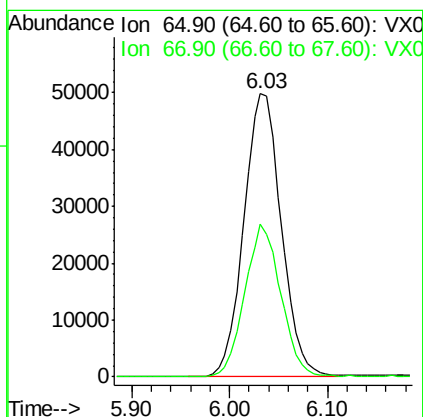
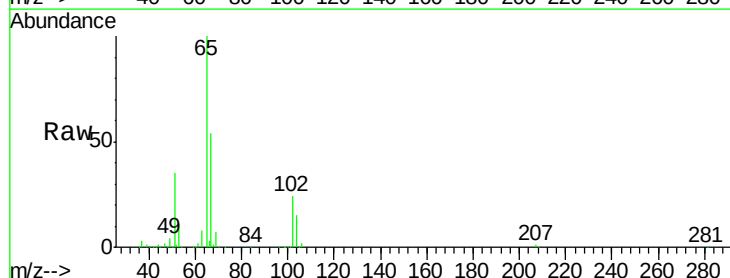
Instrument :
MSVOA_X
ClientSampleId :
MW-4

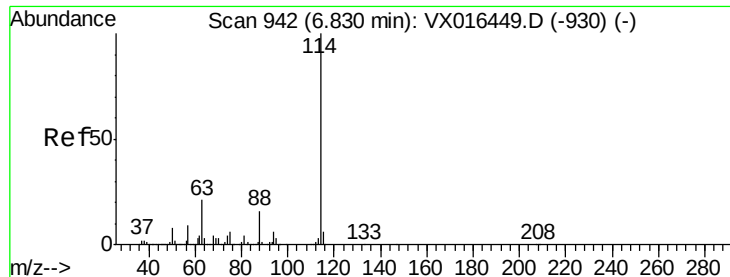
Tot Ion: 73 Resp: 77068
Ion Ratio Lower Upper
73 100
57 19.4 17.8 26.6



#33
1,2-Dichloroethane-d4
Concen: 47.309 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016648.D
Acq: 08 Jun 2020 19:28

Tgt Ion: 65 Resp: 132308
Ion Ratio Lower Upper
65 100
67 52.1 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: VX016648.D

Acq: 08 Jun 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-4

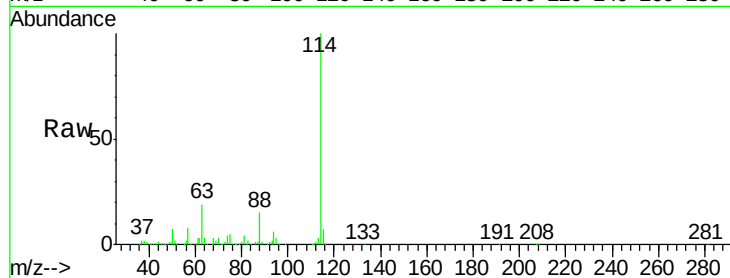
Tot Ion:114 Resp: 360977

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

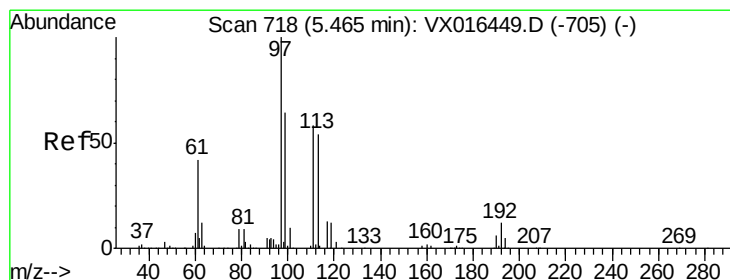
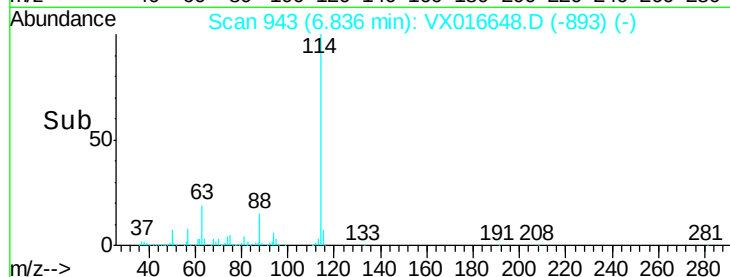
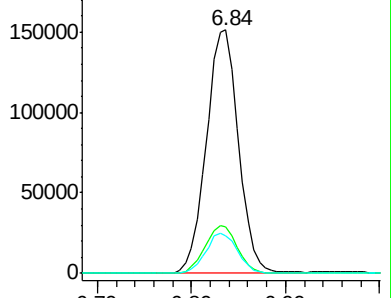
88 15.5 0.0 32.8



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: 49.674 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016648.D

Acq: 08 Jun 2020 19:28

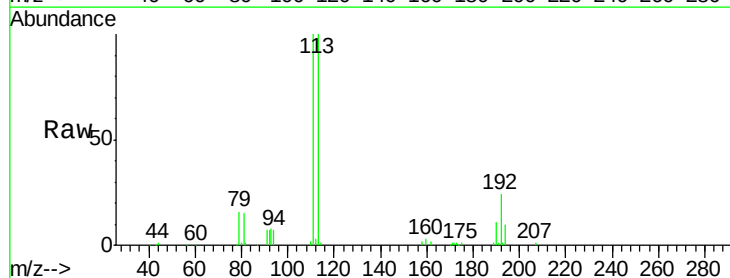
Tgt Ion:113 Resp: 110411

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

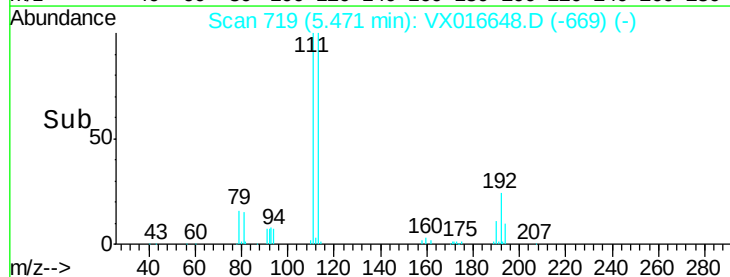
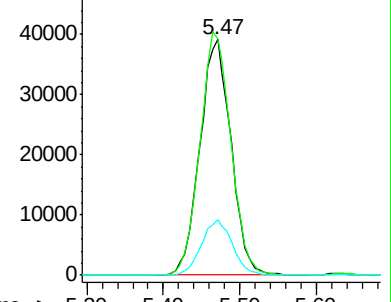
192 23.1 17.7 26.5

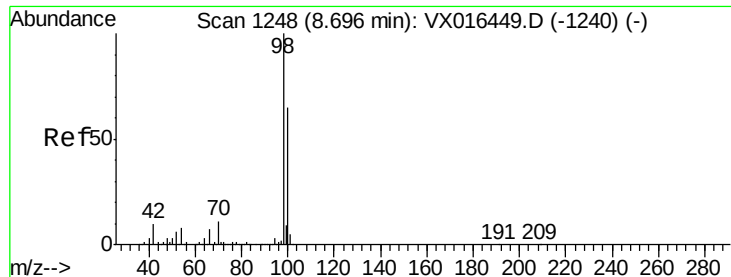


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

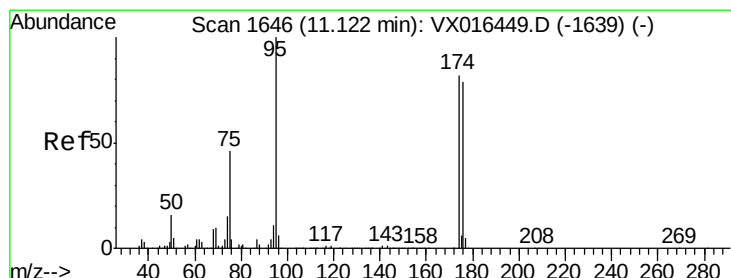
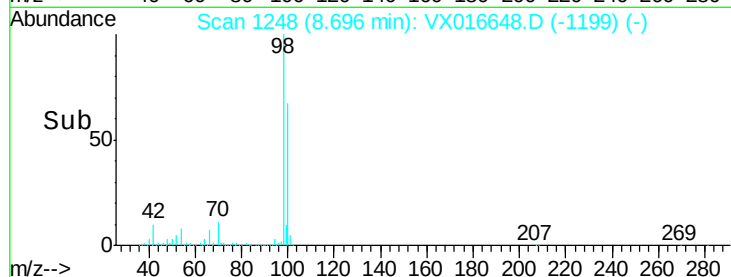
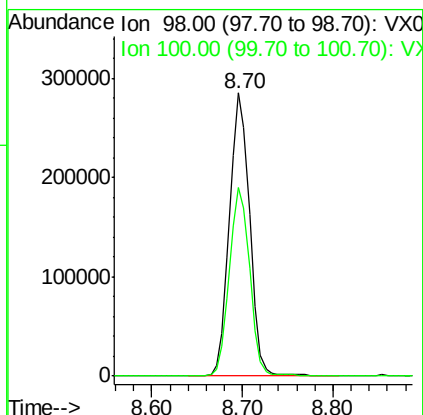
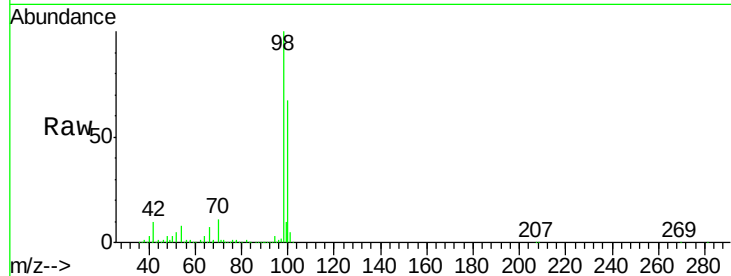




#50
Toluene-d8
Concen: 51.382 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016648.D
Acq: 08 Jun 2020 19:28

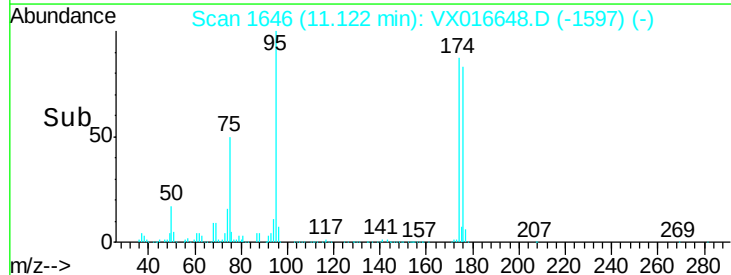
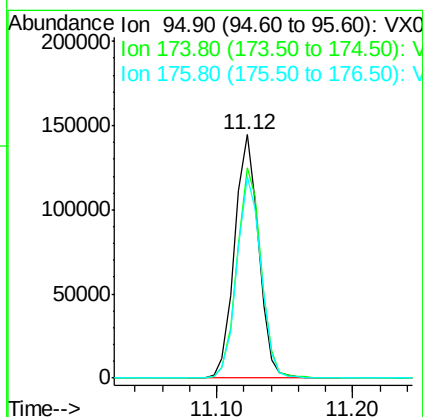
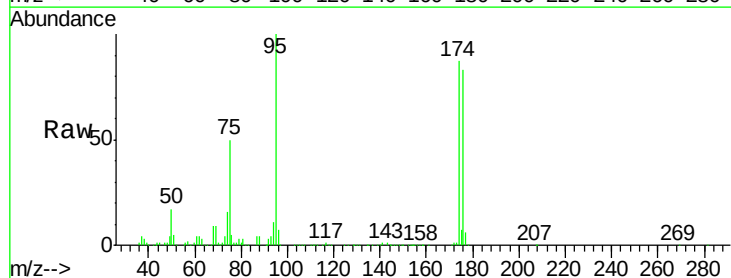
Instrument :
MSVOA_X
ClientSampleId :
MW-4

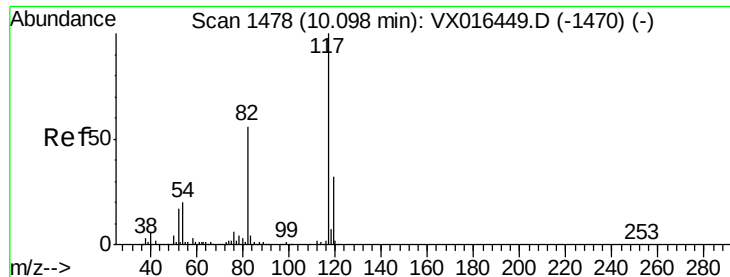
Tot Ion: 98 Resp: 444513
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.096 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016648.D
Acq: 08 Jun 2020 19:28

Tgt Ion: 95 Resp: 177490
Ion Ratio Lower Upper
95 100
174 87.3 0.0 163.0
176 83.2 0.0 156.8

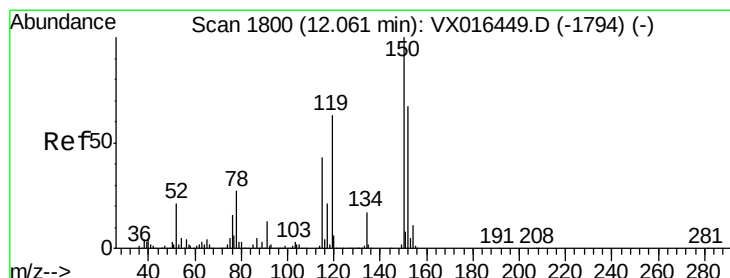
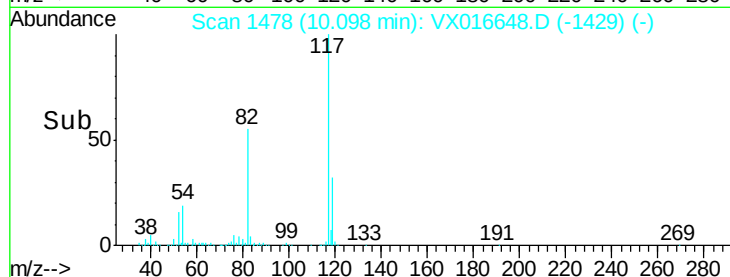
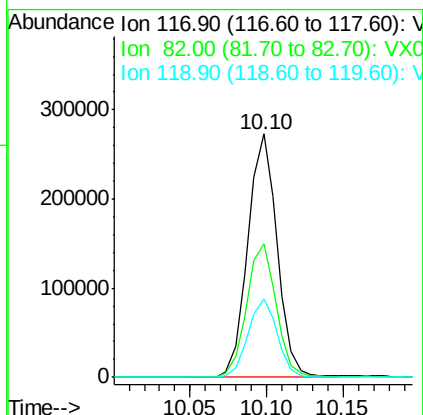
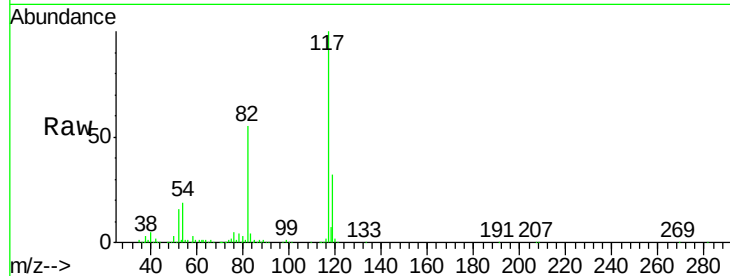




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016648.D
Acq: 08 Jun 2020 19:28

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tot Ion:117 Resp: 363528
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016648.D
Acq: 08 Jun 2020 19:28

Tgt Ion:152 Resp: 187386
Ion Ratio Lower Upper
152 100
115 58.7 39.9 119.6
150 158.8 0.0 341.0

