

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016911.D
 Acq On : 20 Jun 2020 06:16
 Operator : JC/SP
 Sample : L3063-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10

Quant Time: Jun 22 07:34:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

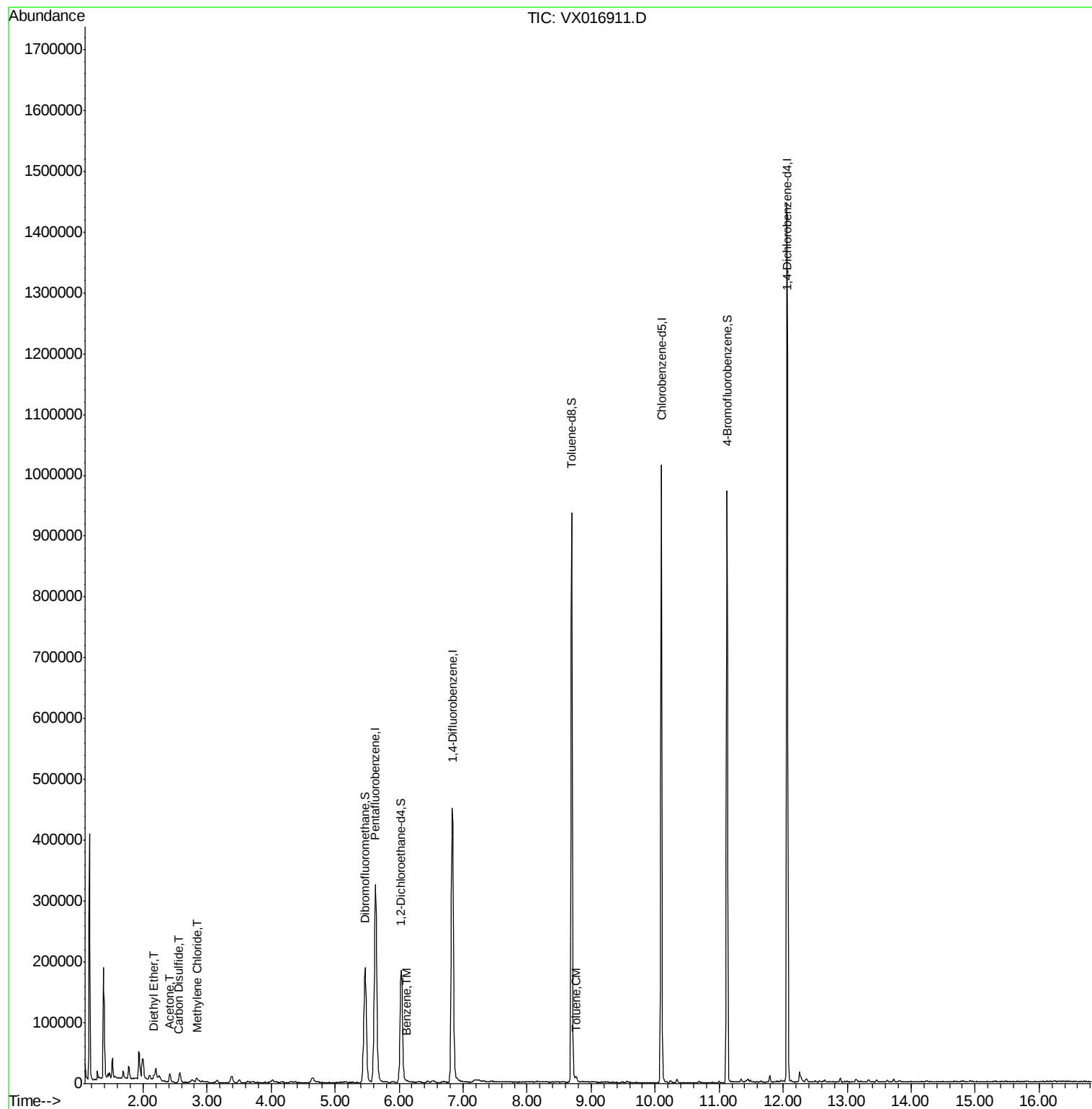
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	328531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	478781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	477602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	302431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	178439	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.46	113	166589	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	8.70	98	567890	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	11.12	95	263917	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	
Target Compounds						
8) Diethyl Ether	2.17	74	1951	0.778	ug/l	95
16) Acetone	2.42	43	13315	9.283	ug/l	97
17) Carbon Disulfide	2.55	76	2179	0.240	ug/l #	94
20) Methylene Chloride	2.84	84	3690	1.073	ug/l #	89
40) Benzene	6.11	78	3646	0.275	ug/l	99
52) Toluene	8.77	92	2737	0.311	ug/l	99

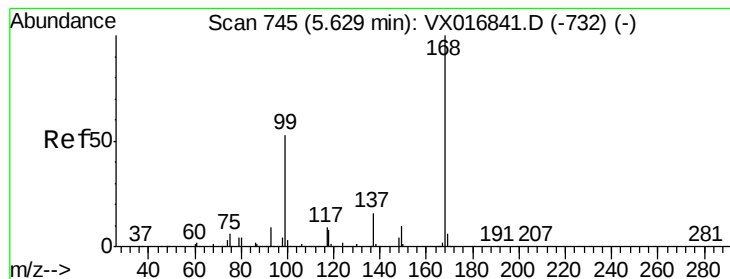
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
TW-10

Quant Time: Jun 22 07:34:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016911.D

Acq: 20 Jun 2020 06:16

Instrument :

MSVOA_X

ClientSampleId :

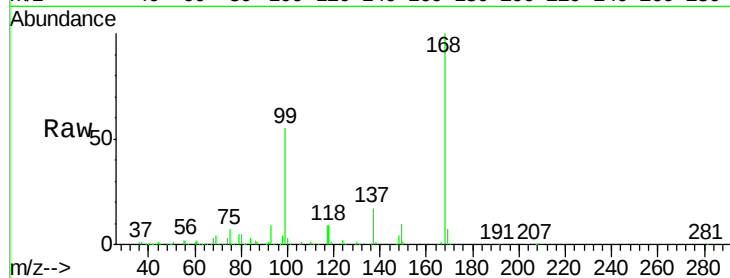
TW-10

Tot Ion:168 Resp: 328531

Ion Ratio Lower Upper

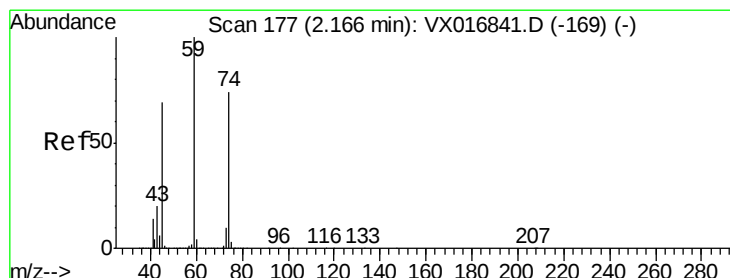
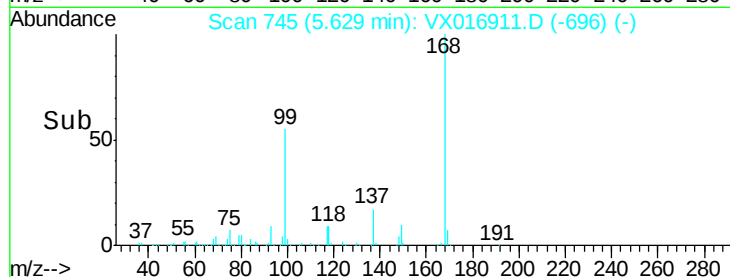
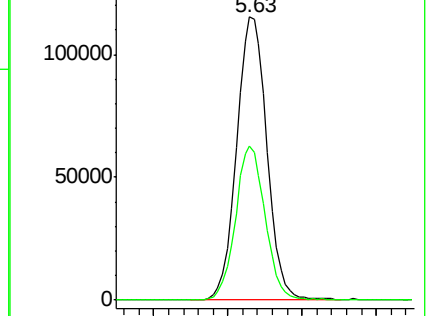
168 100

99 54.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 0.778 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX016911.D

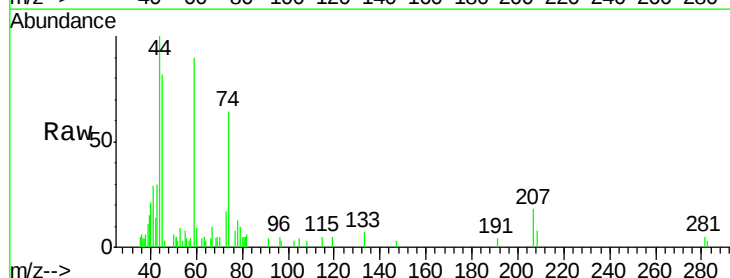
Acq: 20 Jun 2020 06:16

Tgt Ion: 74 Resp: 1951

Ion Ratio Lower Upper

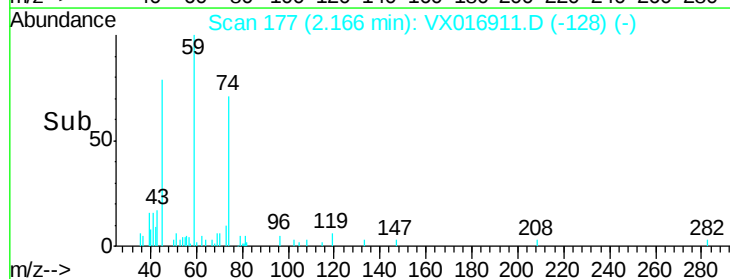
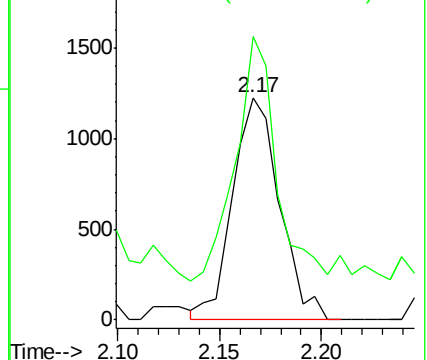
74 100

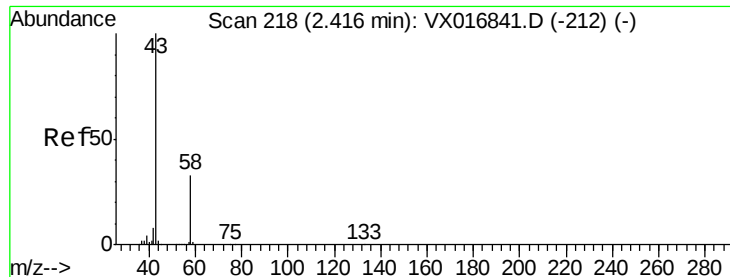
45 95.4 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#16

Acetone

Concen: 9.283 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016911.D

Acq: 20 Jun 2020 06:16

Instrument :

MSVOA_X

ClientSampleId :

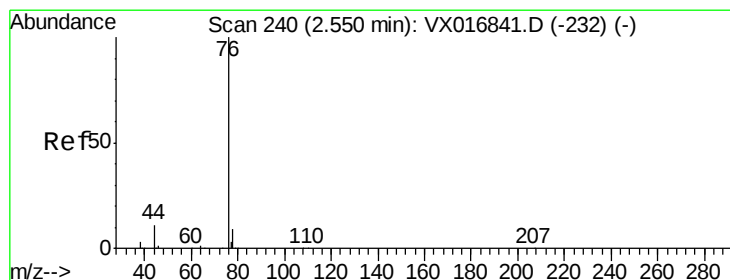
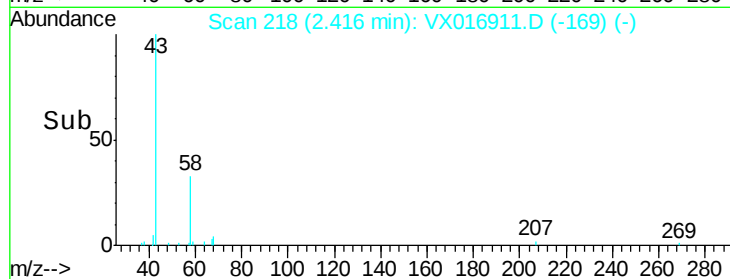
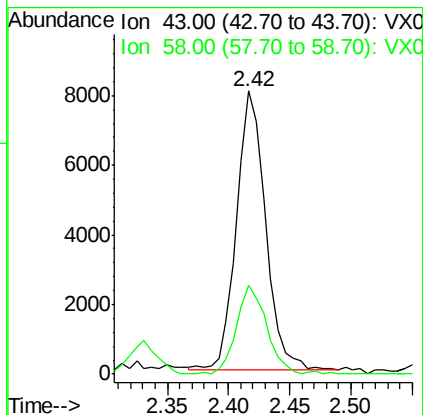
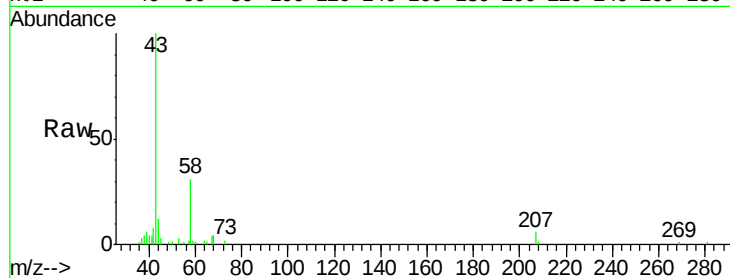
TW-10

Tot Ion: 43 Resp: 13315

Ion Ratio Lower Upper

43 100

58 31.7 26.6 39.8



#17

Carbon Disulfide

Concen: 0.240 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016911.D

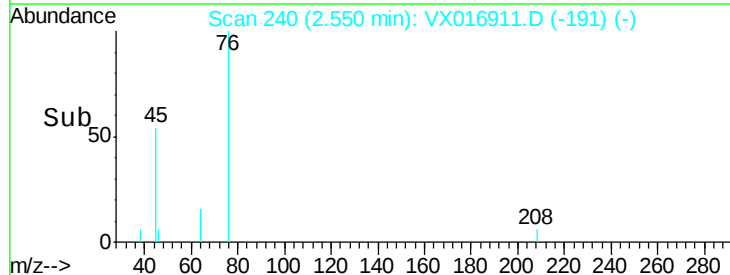
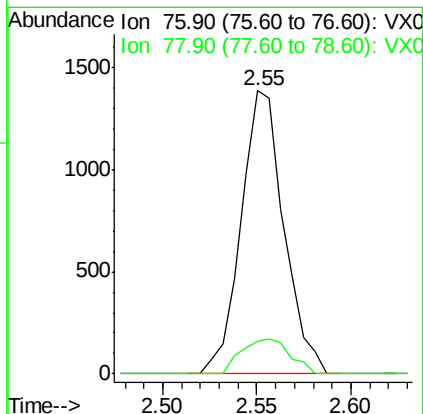
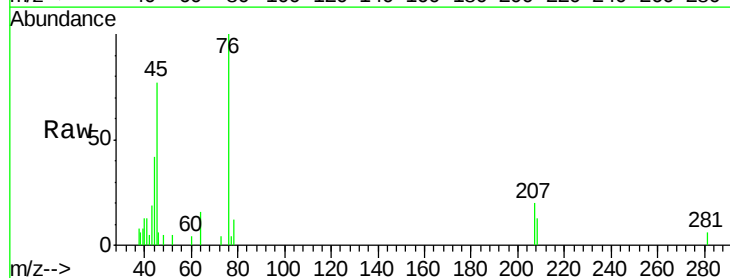
Acq: 20 Jun 2020 06:16

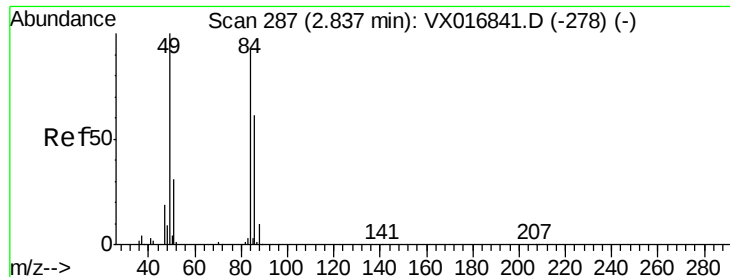
Tgt Ion: 76 Resp: 2179

Ion Ratio Lower Upper

76 100

78 11.6 7.5 11.3#





#20

Methylene Chloride

Concen: 1.073 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX016911.D

Acq: 20 Jun 2020 06:16

Instrument :

MSVOA_X

ClientSampled :

TW-10

Tot Ion: 84 Resp: 3690

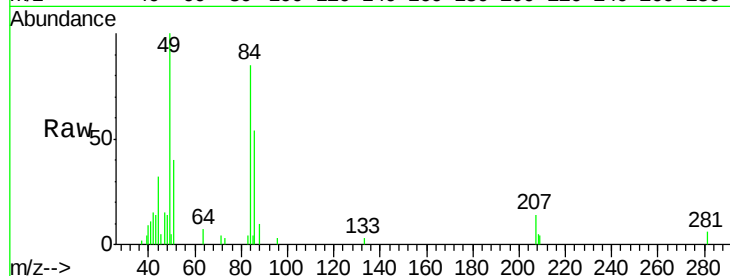
Ion Ratio Lower Upper

84 100

49 118.2 86.6 129.8

51 46.7 27.1 40.7#

86 60.7 53.1 79.7

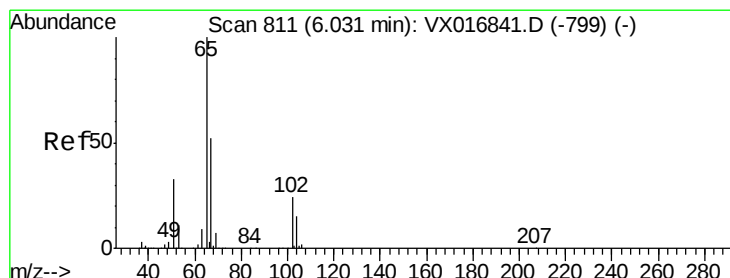
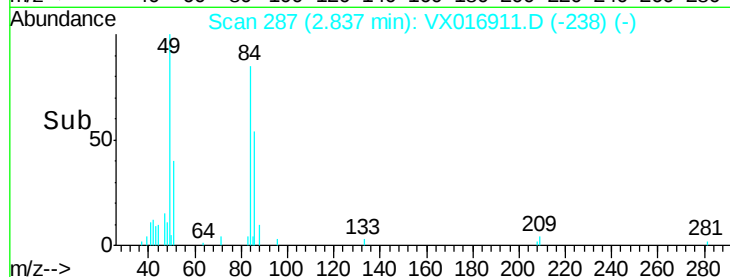
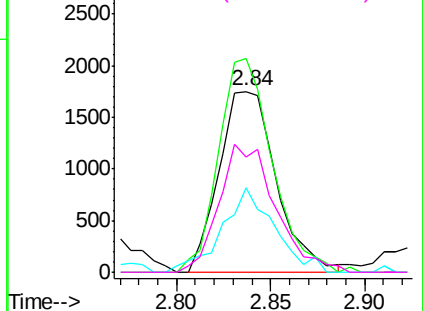


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.161 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016911.D

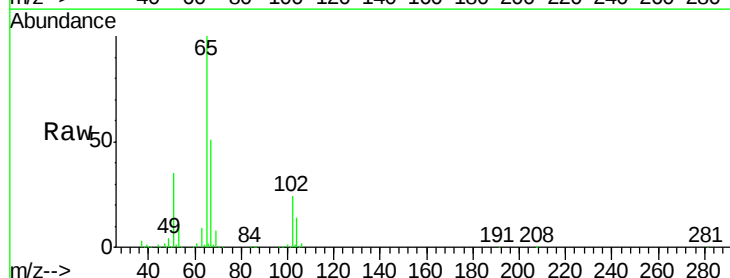
Acq: 20 Jun 2020 06:16

Tgt Ion: 65 Resp: 178439

Ion Ratio Lower Upper

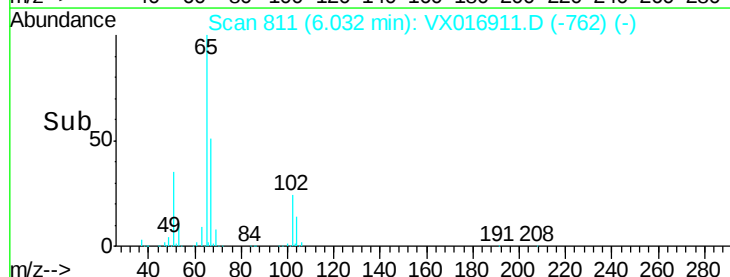
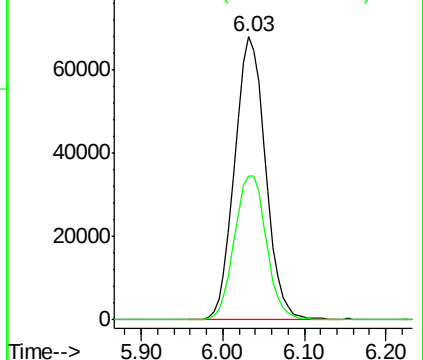
65 100

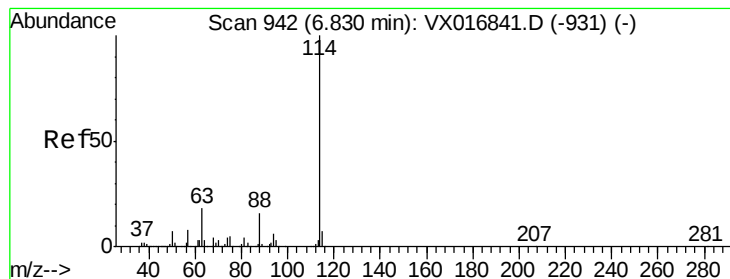
67 52.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016911.D

Acq: 20 Jun 2020 06:16

Instrument :

MSVOA_X

ClientSampleId :

TW-10

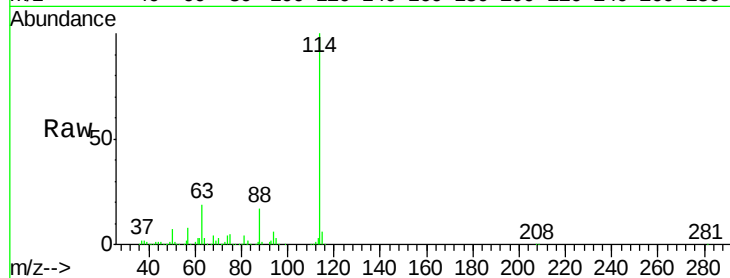
Tot Ion:114 Resp: 478781

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

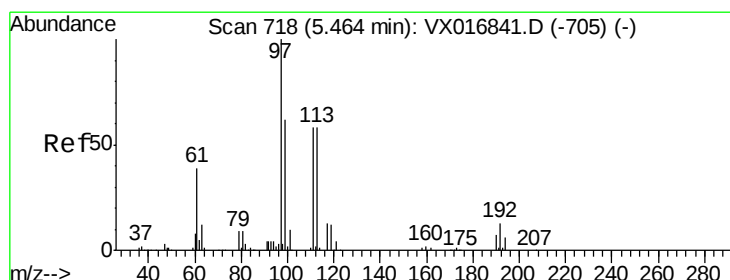
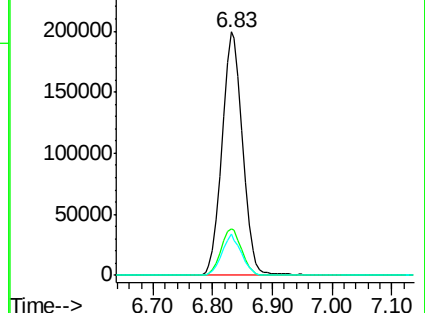
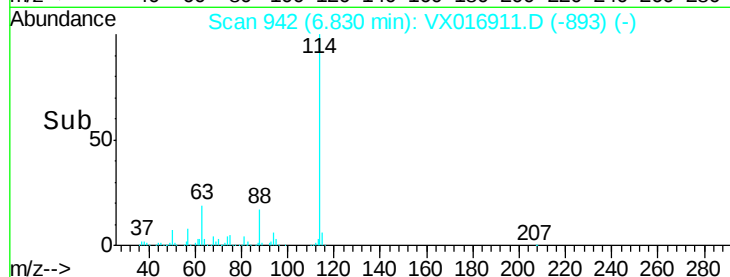
88 16.8 0.0 32.0



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: 54.392 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016911.D

Acq: 20 Jun 2020 06:16

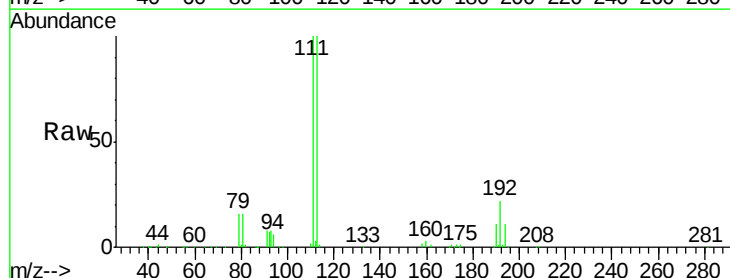
Tgt Ion:113 Resp: 166589

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.4

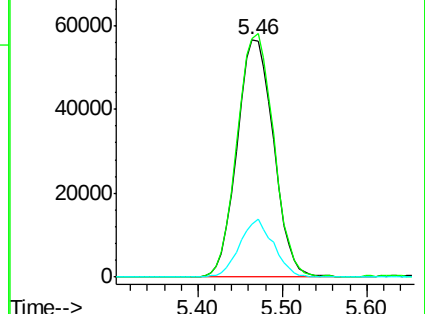
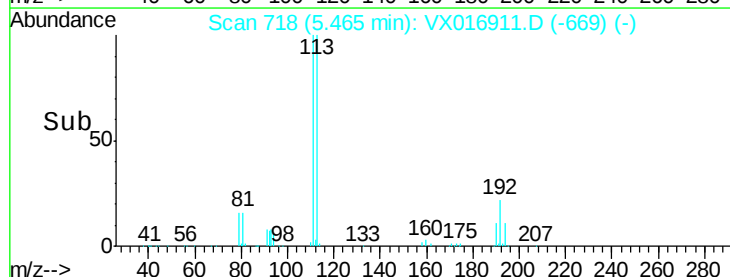
192 22.7 18.5 27.7

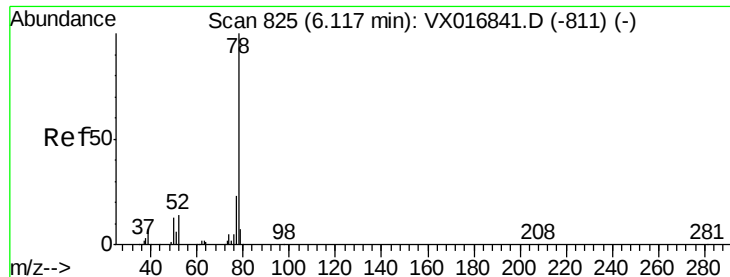


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.275 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016911.D

Acq: 20 Jun 2020 06:16

Instrument :

MSVOA_X

ClientSampleId :

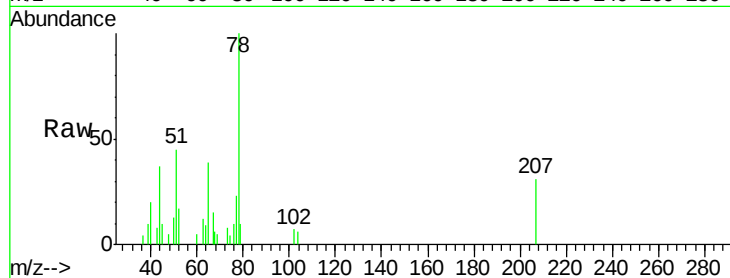
TW-10

Tot Ion: 78 Resp: 3646

Ion Ratio Lower Upper

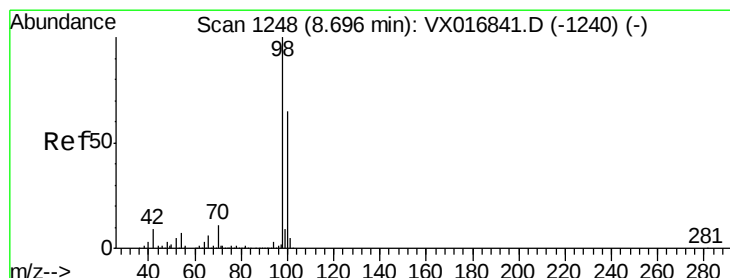
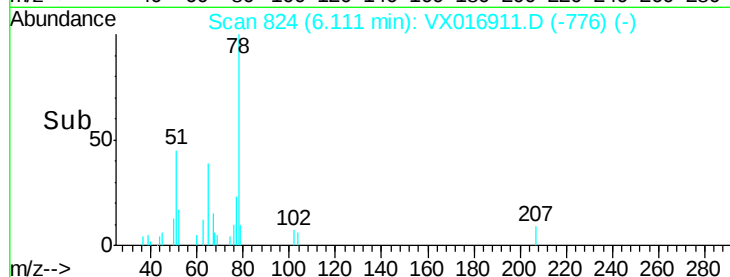
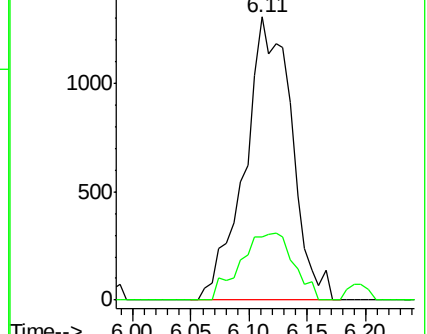
78 100

77 22.5 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 46.344 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016911.D

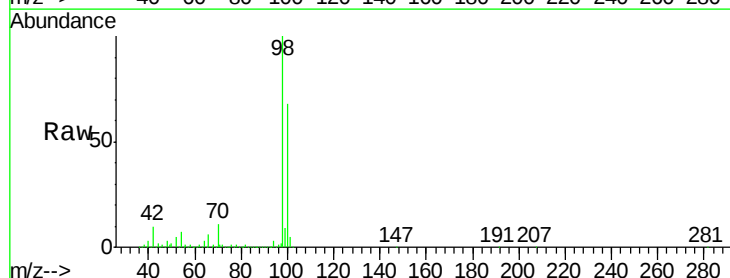
Acq: 20 Jun 2020 06:16

Tgt Ion: 98 Resp: 567890

Ion Ratio Lower Upper

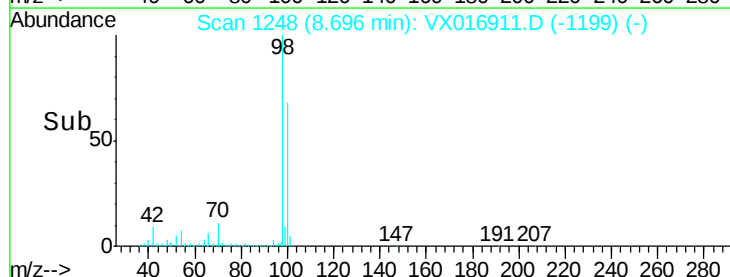
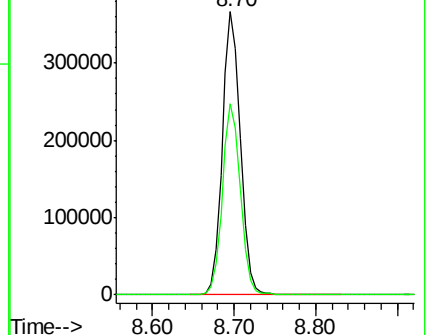
98 100

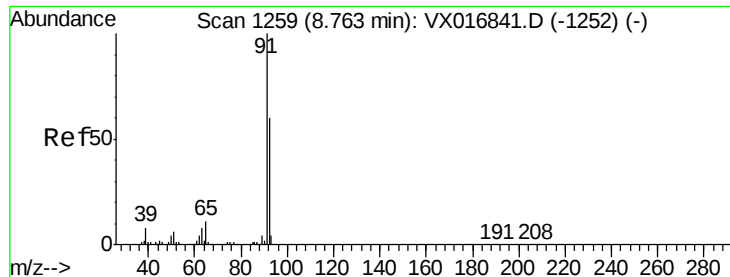
100 67.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.311 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016911.D

Acq: 20 Jun 2020 06:16

Instrument :

MSVOA_X

ClientSampleId :

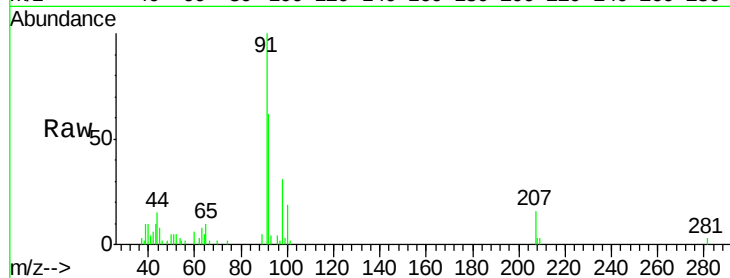
TW-10

Tot Ion: 92 Resp: 2737

Ion Ratio Lower Upper

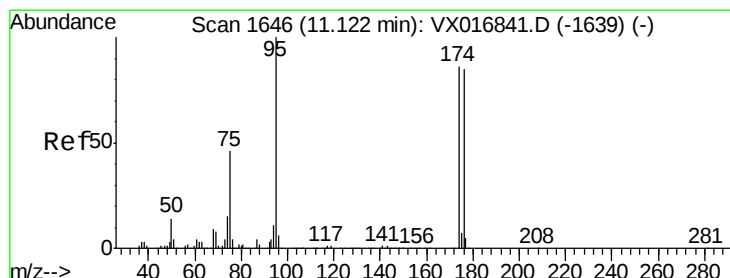
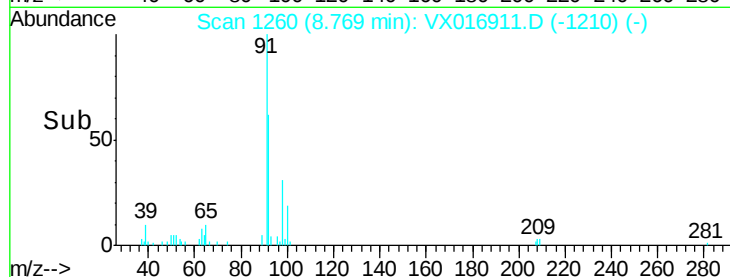
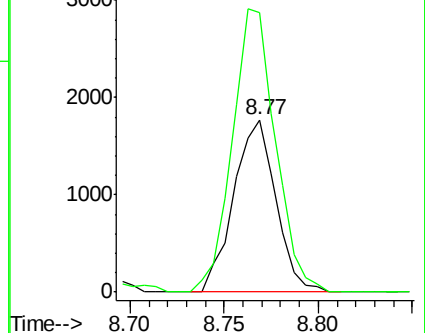
92 100

91 168.7 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 56.214 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016911.D

Acq: 20 Jun 2020 06:16

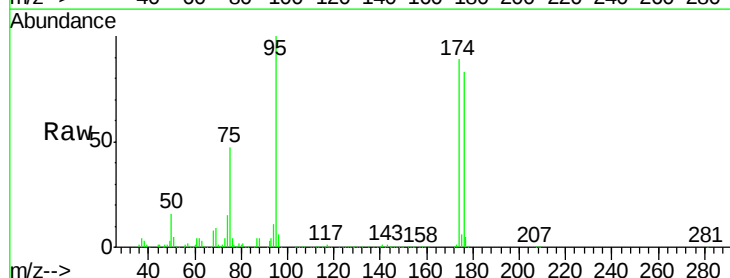
Tgt Ion: 95 Resp: 263917

Ion Ratio Lower Upper

95 100

174 87.6 0.0 174.2

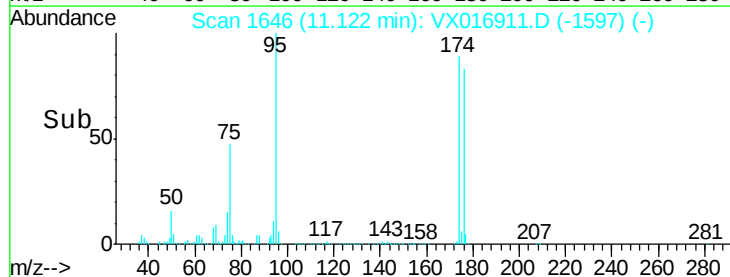
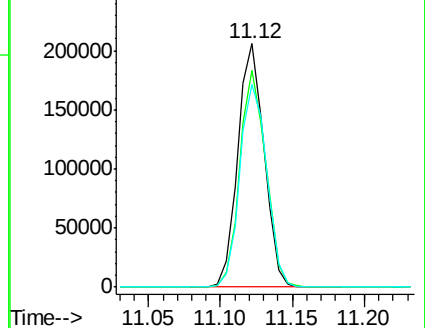
176 84.9 0.0 170.0

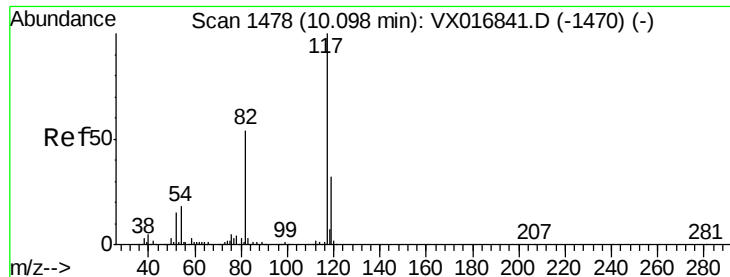


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

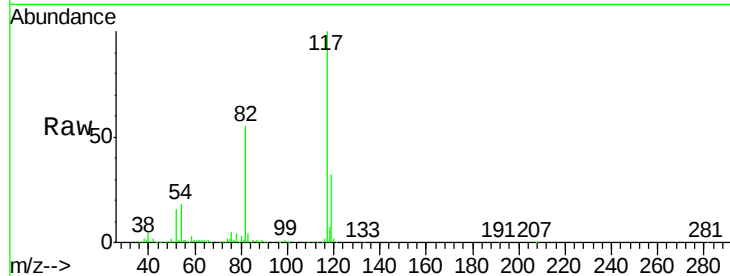




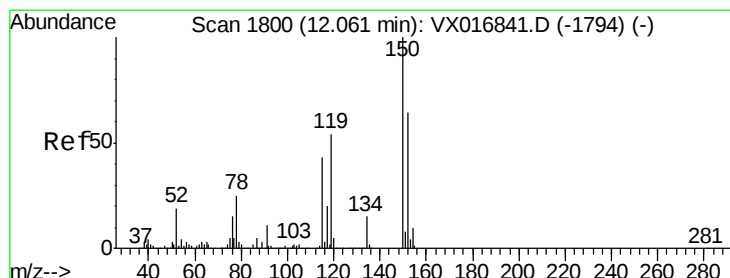
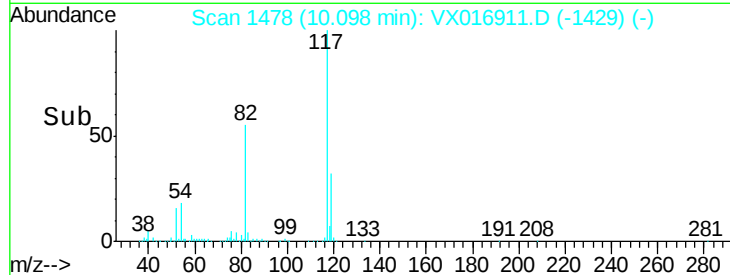
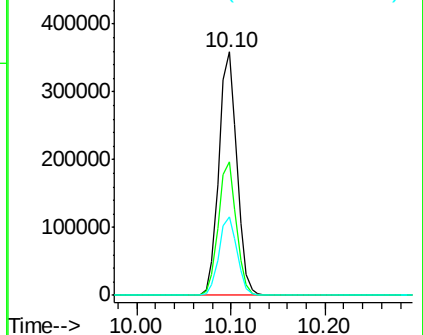
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016911.D
Acq: 20 Jun 2020 06:16

Instrument :
MSVOA_X
ClientSampleId :
TW-10

Tot Ion:117 Resp: 477602
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.4 25.7 38.5

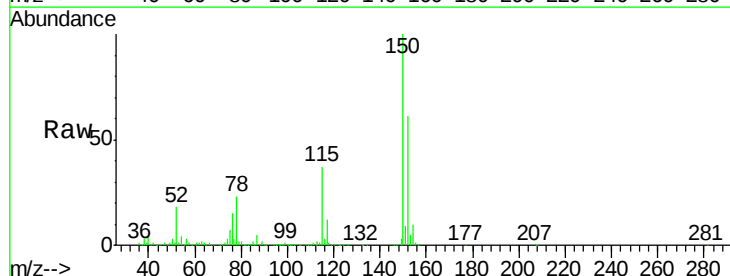


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016911.D
Acq: 20 Jun 2020 06:16

Tgt Ion:152 Resp: 302431
Ion Ratio Lower Upper
152 100
115 58.0 40.9 122.8
150 158.4 0.0 344.2



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

