

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016618.D
 Acq On : 05 Jun 2020 17:48
 Operator : JC/SP
 Sample : L2894-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW147-200602

Quant Time: Jun 06 07:05:29 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

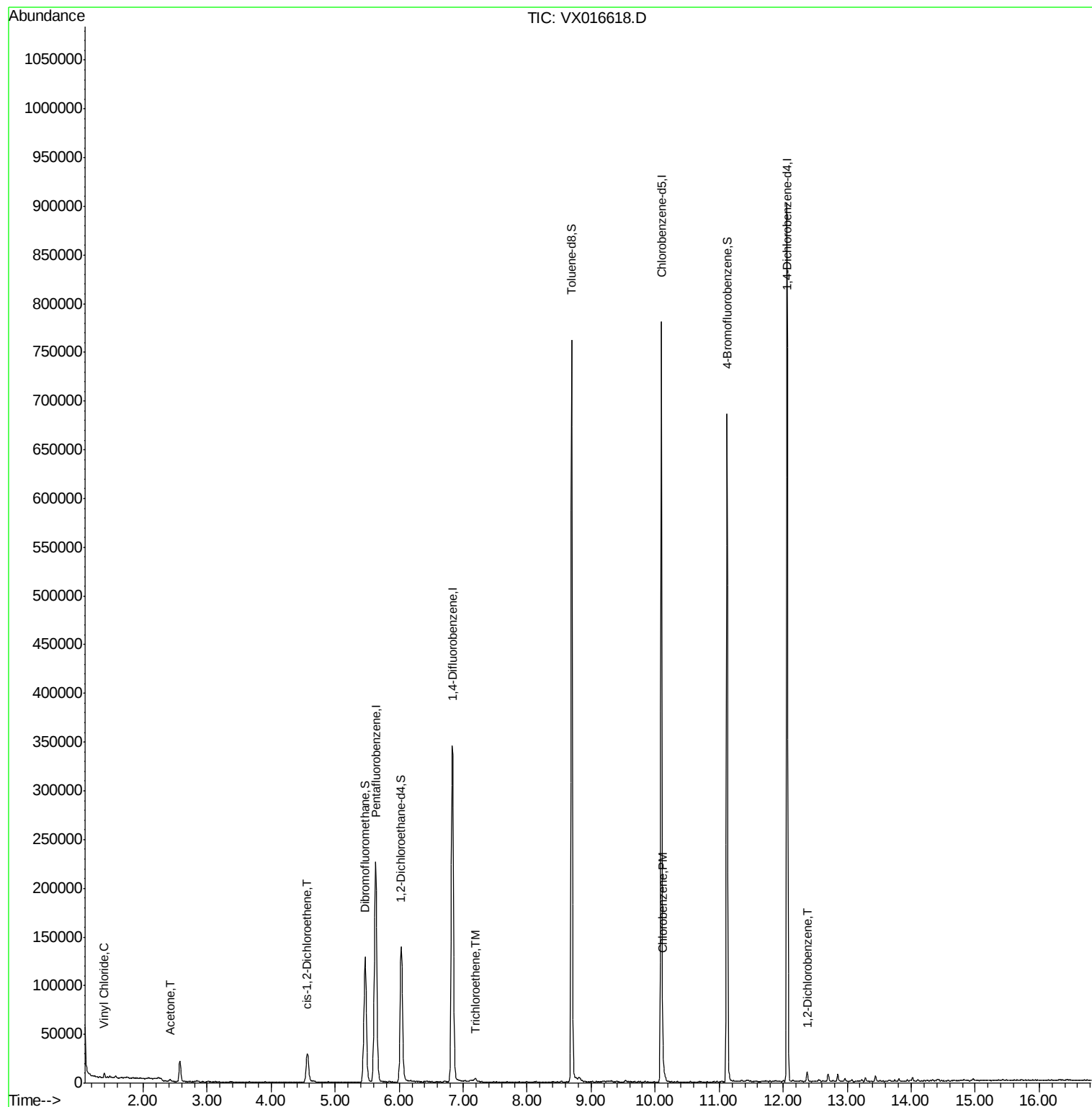
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	225586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	135182	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	5.47	113	109563	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	8.70	98	447991	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.12	95	182207	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	2514	0.886	ug/l	100
16) Acetone	2.42	43	2510	2.045	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	19635	7.069	ug/l	87
44) Trichloroethene	7.20	130	1089	0.341	ug/l	92
65) Chlorobenzene	10.12	112	7713	1.027	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	2898	0.489	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

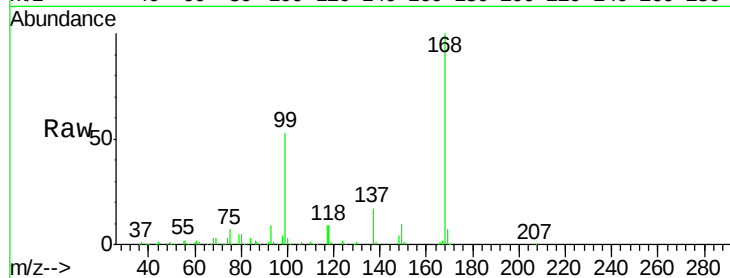
LF012MW147-200602

Tot Ion:168 Resp: 225586

Ion Ratio Lower Upper

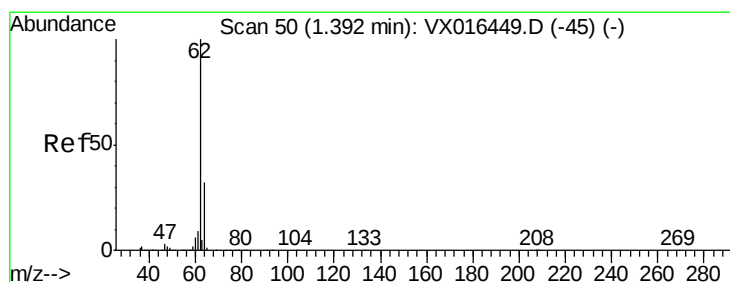
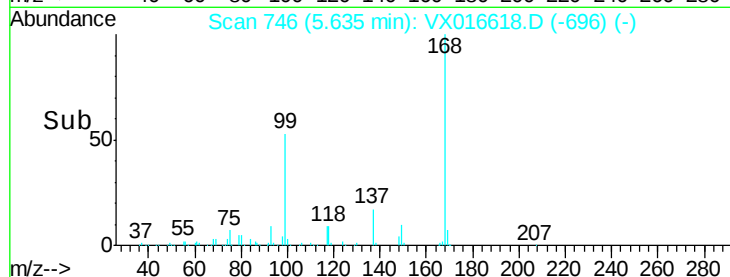
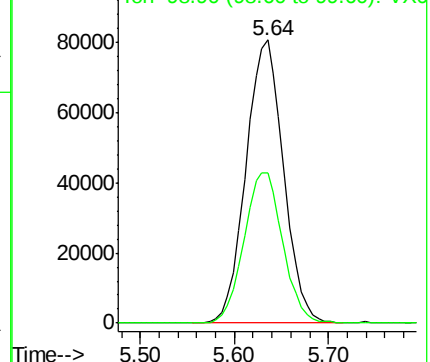
168 100

99 53.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.886 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016618.D

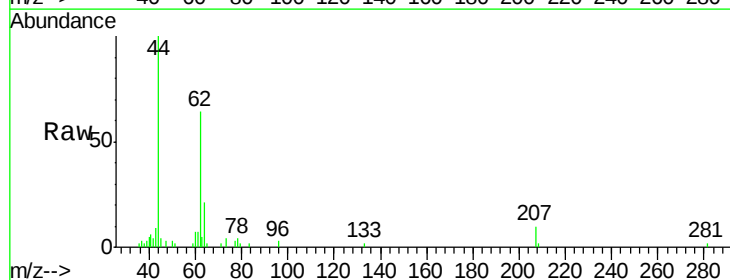
Acq: 05 Jun 2020 17:48

Tgt Ion: 62 Resp: 2514

Ion Ratio Lower Upper

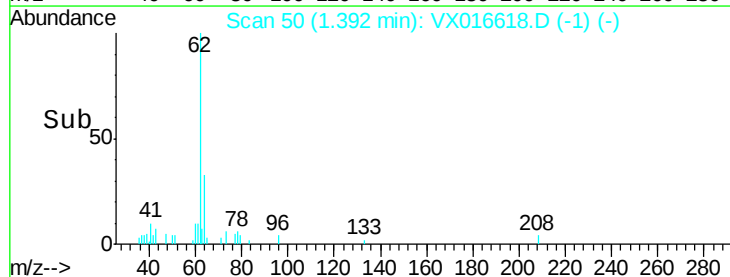
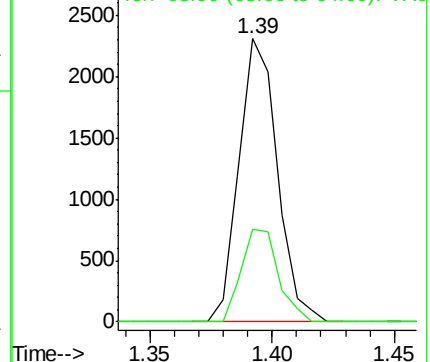
62 100

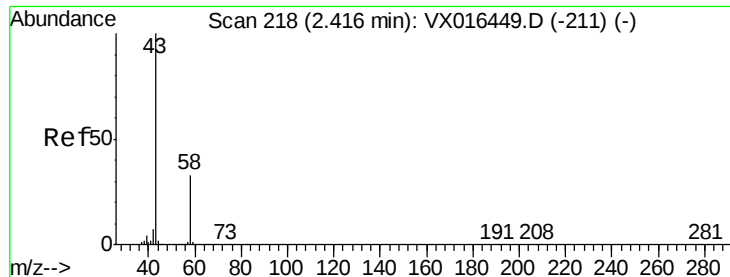
64 32.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.045 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

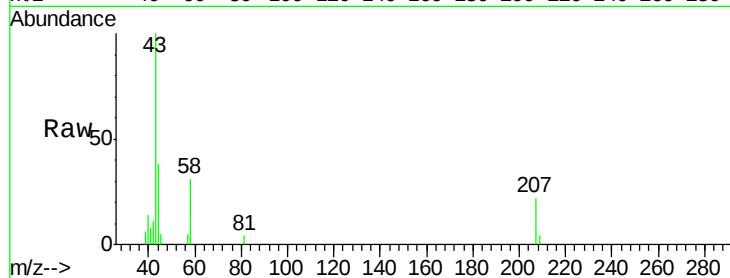
LF012MW147-200602

Tot Ion: 43 Resp: 2510

Ion Ratio Lower Upper

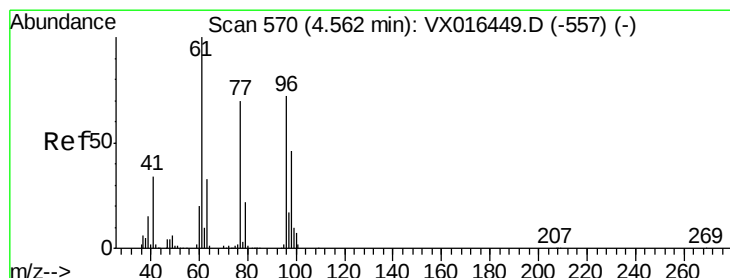
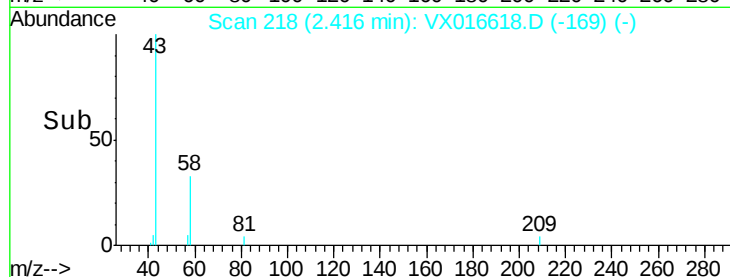
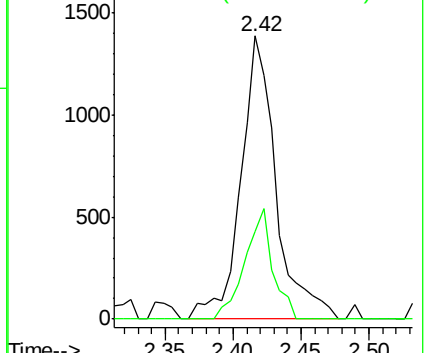
43 100

58 30.8 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 7.069 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

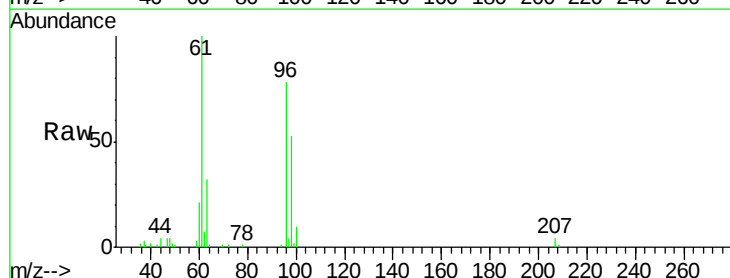
Tgt Ion: 96 Resp: 19635

Ion Ratio Lower Upper

96 100

61 120.3 0.0 284.6

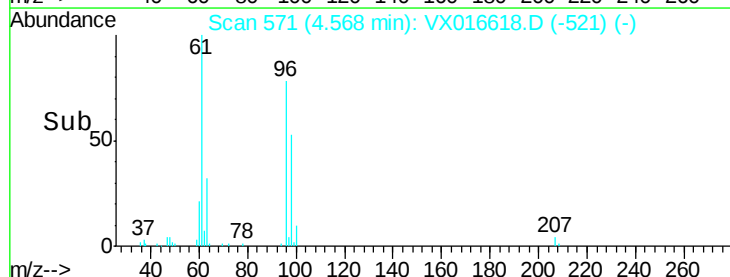
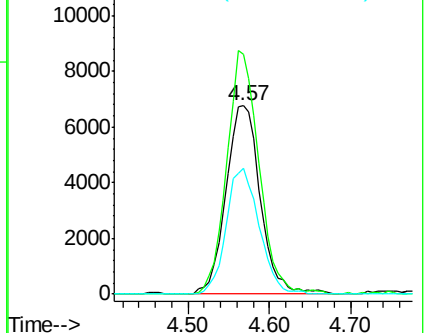
98 64.2 0.0 127.2

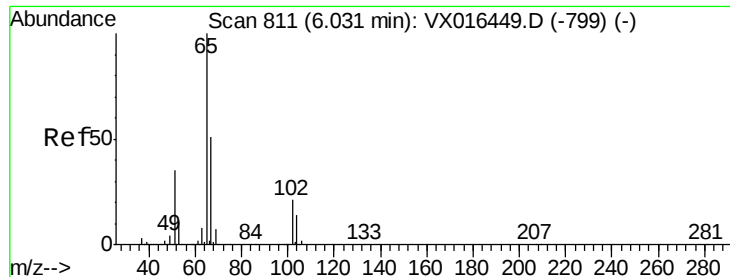


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.254 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

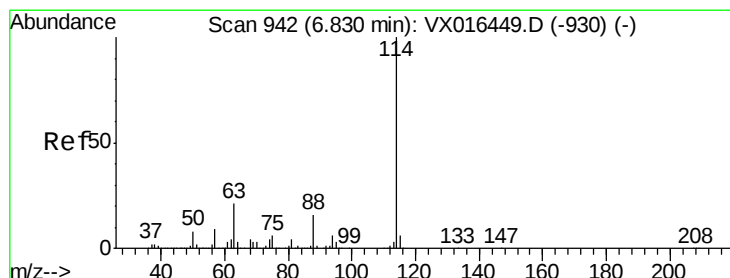
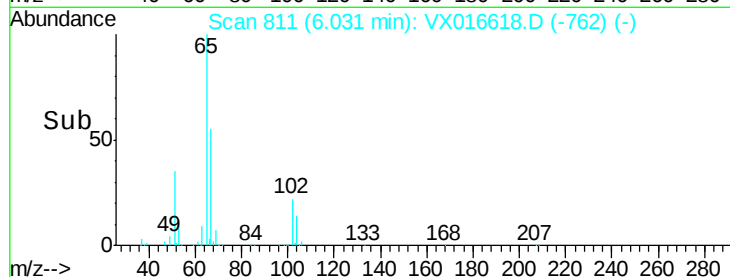
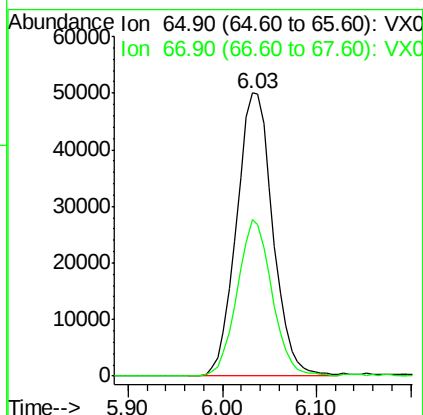
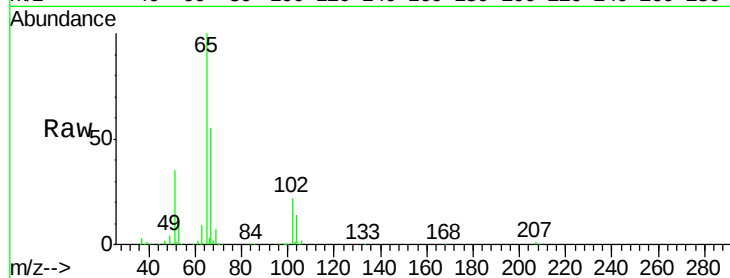
LF012MW147-200602

Tot Ion: 65 Resp: 135182

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

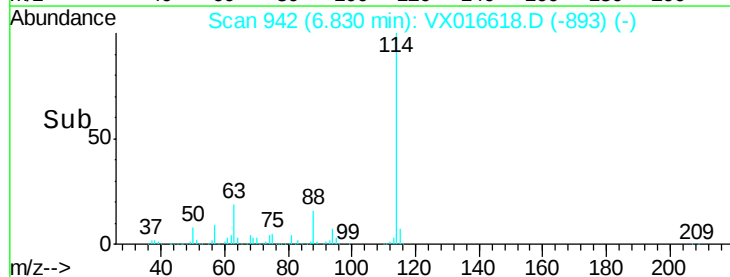
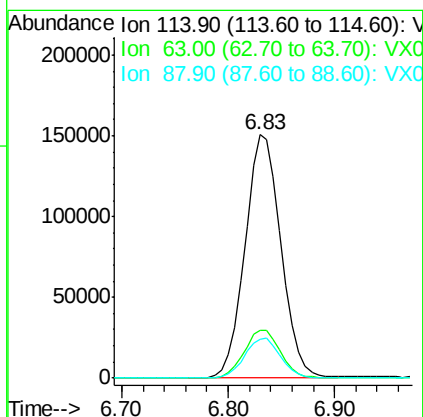
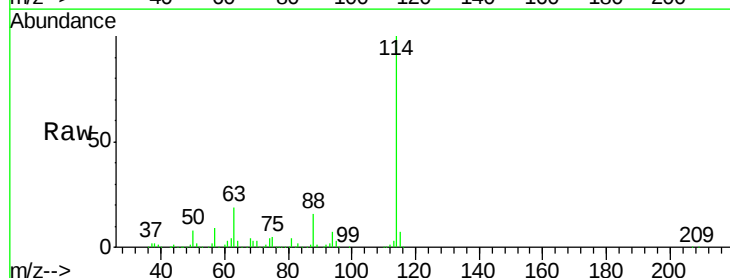
Tgt Ion: 114 Resp: 356795

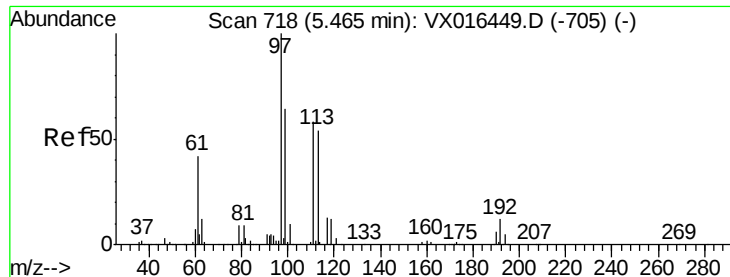
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.871 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

LF012MW147-200602

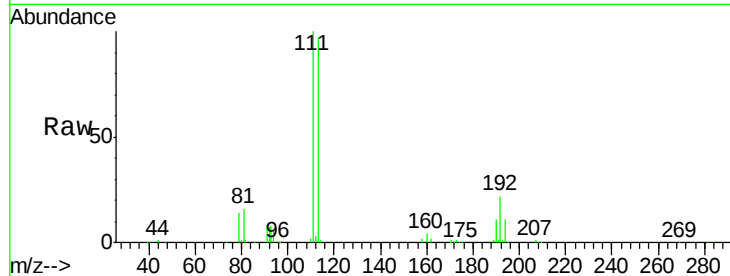
Tot Ion:113 Resp: 109563

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

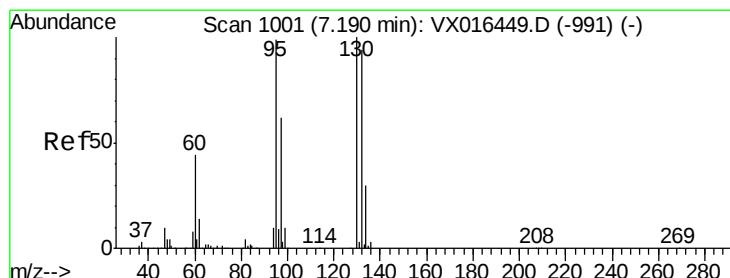
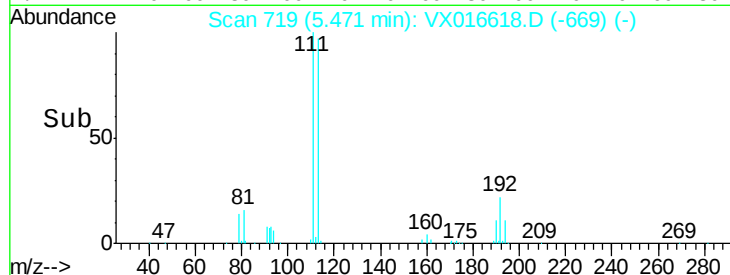
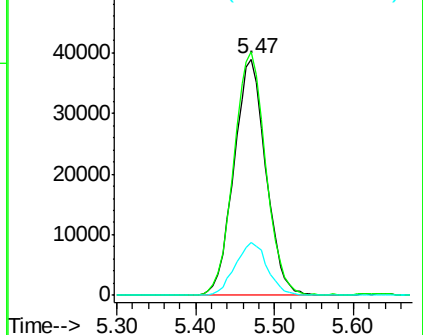
192 22.7 17.7 26.5



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



#44

Trichloroethene

Concen: 0.341 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016618.D

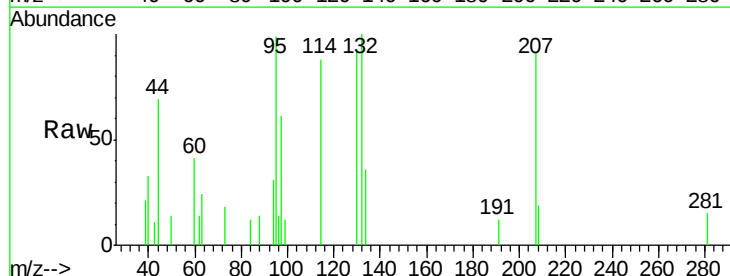
Acq: 05 Jun 2020 17:48

Tgt Ion:130 Resp: 1089

Ion Ratio Lower Upper

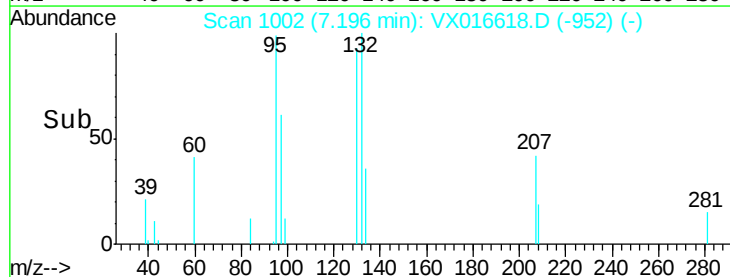
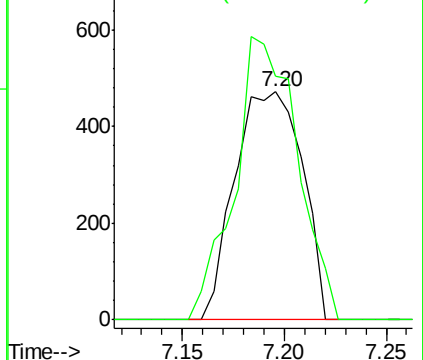
130 100

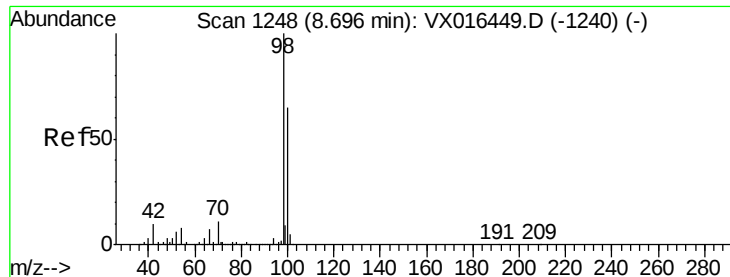
95 106.6 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 52.390 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

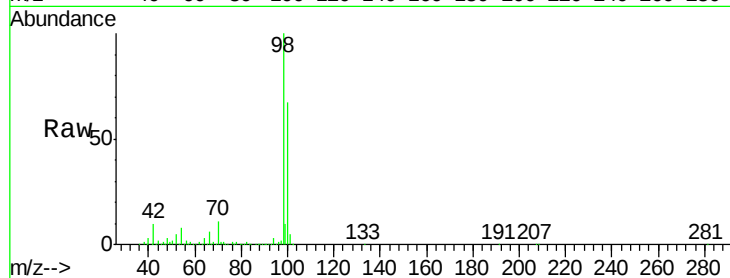
LF012MW147-200602

Tot Ion: 98 Resp: 447991

Ion Ratio Lower Upper

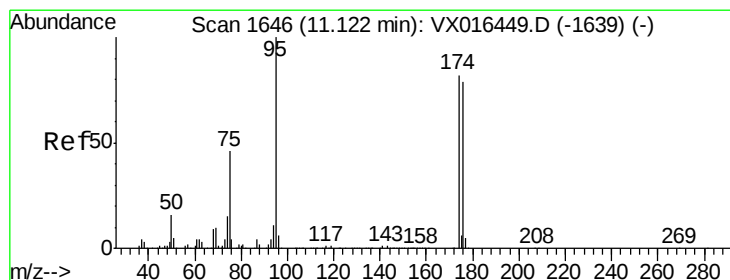
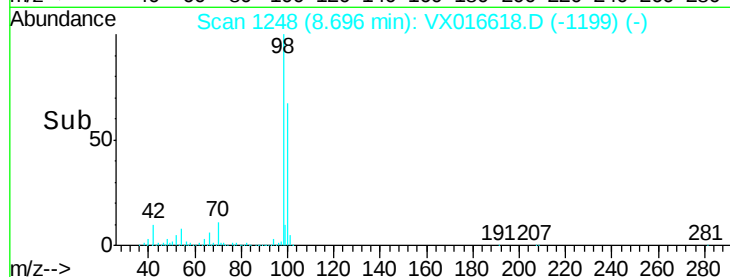
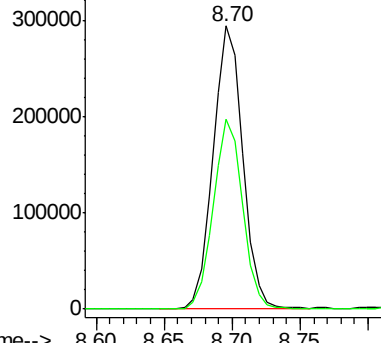
98 100

100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.146 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

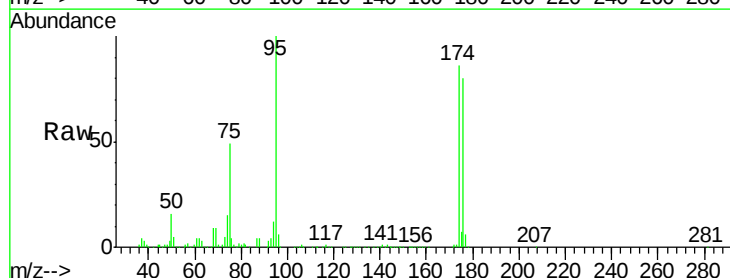
Tgt Ion: 95 Resp: 182207

Ion Ratio Lower Upper

95 100

174 85.0 0.0 163.0

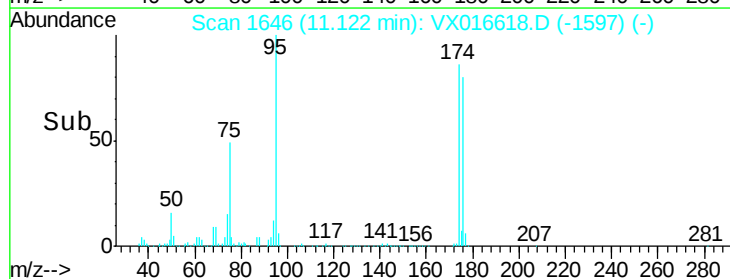
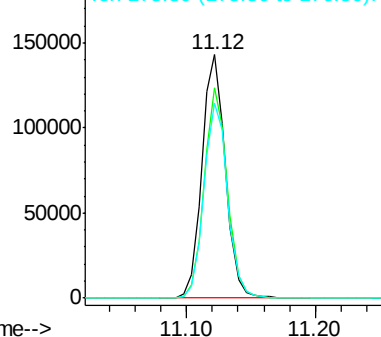
176 80.7 0.0 156.8

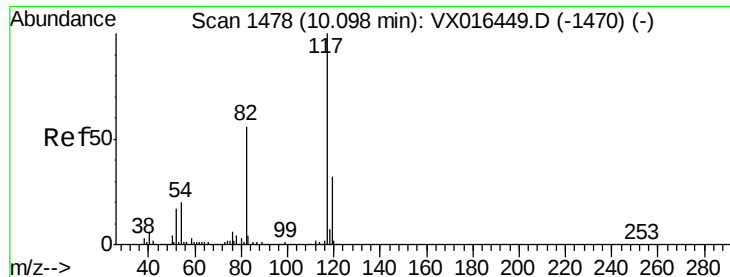


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

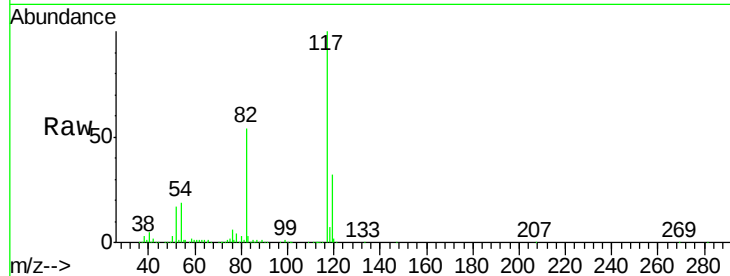




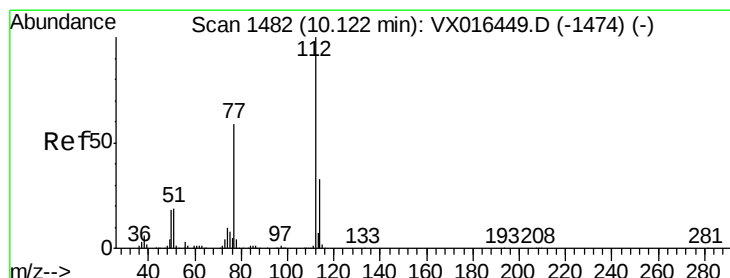
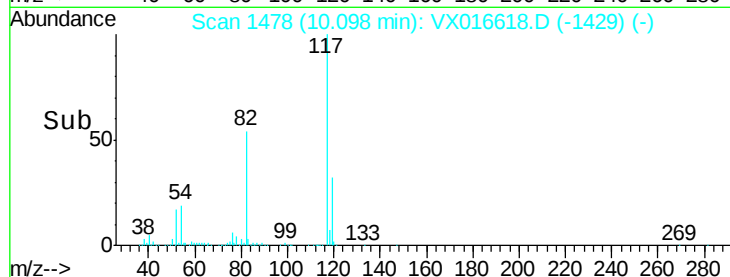
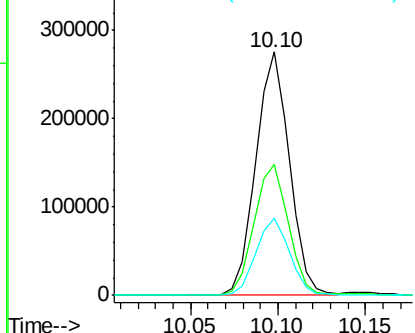
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016618.D
Acq: 05 Jun 2020 17:48

Instrument :
MSVOA_X
ClientSampleId :
LF012MW147-200602

Tot Ion:117 Resp: 368396
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.6
119 31.8 25.8 38.8

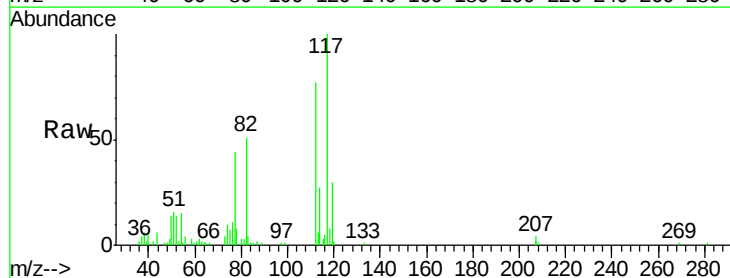


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

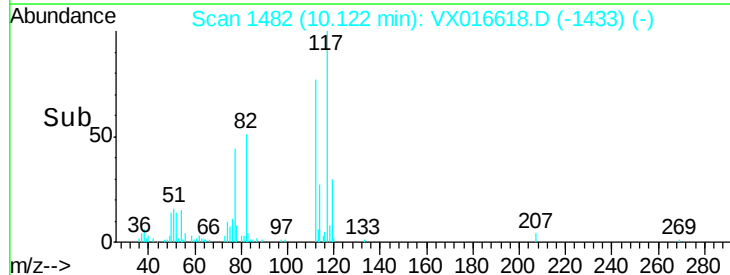
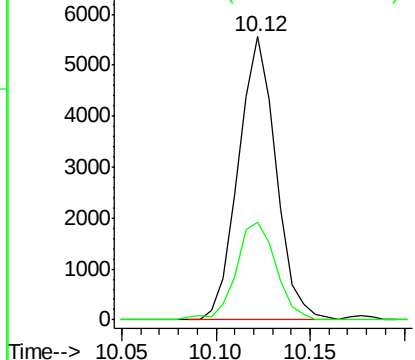


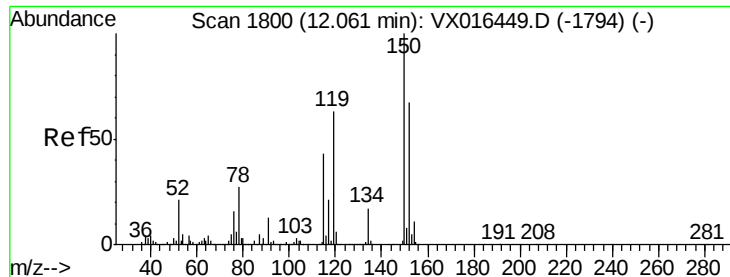
#65
Chlorobenzene
Concen: 1.027 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016618.D
Acq: 05 Jun 2020 17:48

Tgt Ion:112 Resp: 7713
Ion Ratio Lower Upper
112 100
114 34.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX016618.D

Acq: 05 Jun 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

LF012MW147-200602

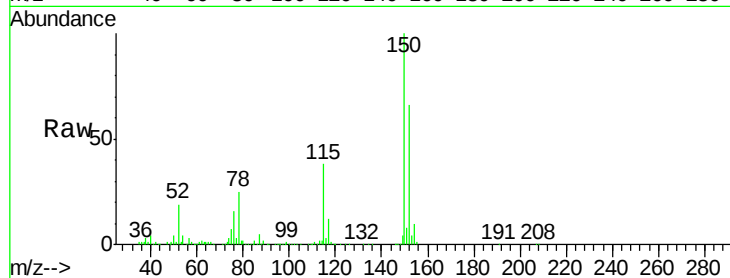
Tot Ion:152 Resp: 194340

Ion Ratio Lower Upper

152 100

115 56.7 39.9 119.6

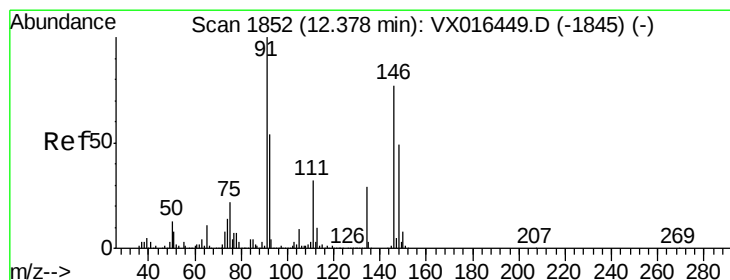
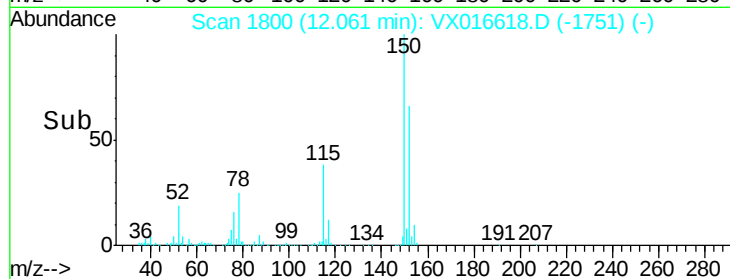
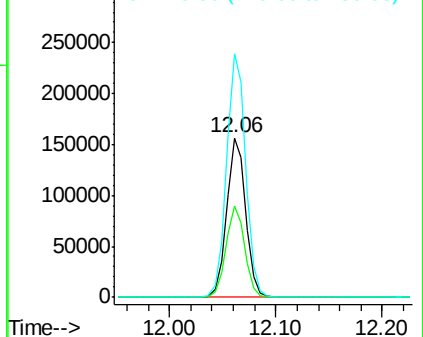
150 154.0 0.0 341.0



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



#91

1,2-Dichlorobenzene

Concen: 0.489 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016618.D

Acq: 05 Jun 2020 17:48

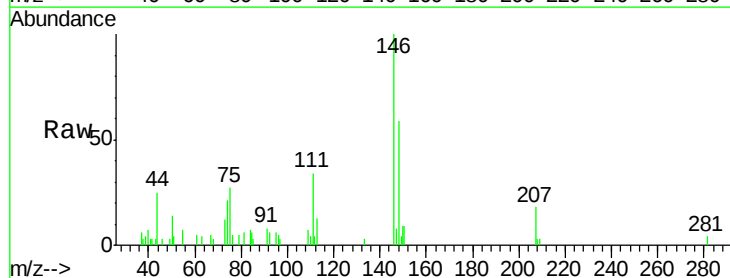
Tgt Ion:146 Resp: 2898

Ion Ratio Lower Upper

146 100

111 39.3 21.4 64.3

148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

