

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016926.D
 Acq On : 22 Jun 2020 17:44
 Operator : JC/SP
 Sample : L3032-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-200616DL

Quant Time: Jun 23 08:12:15 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

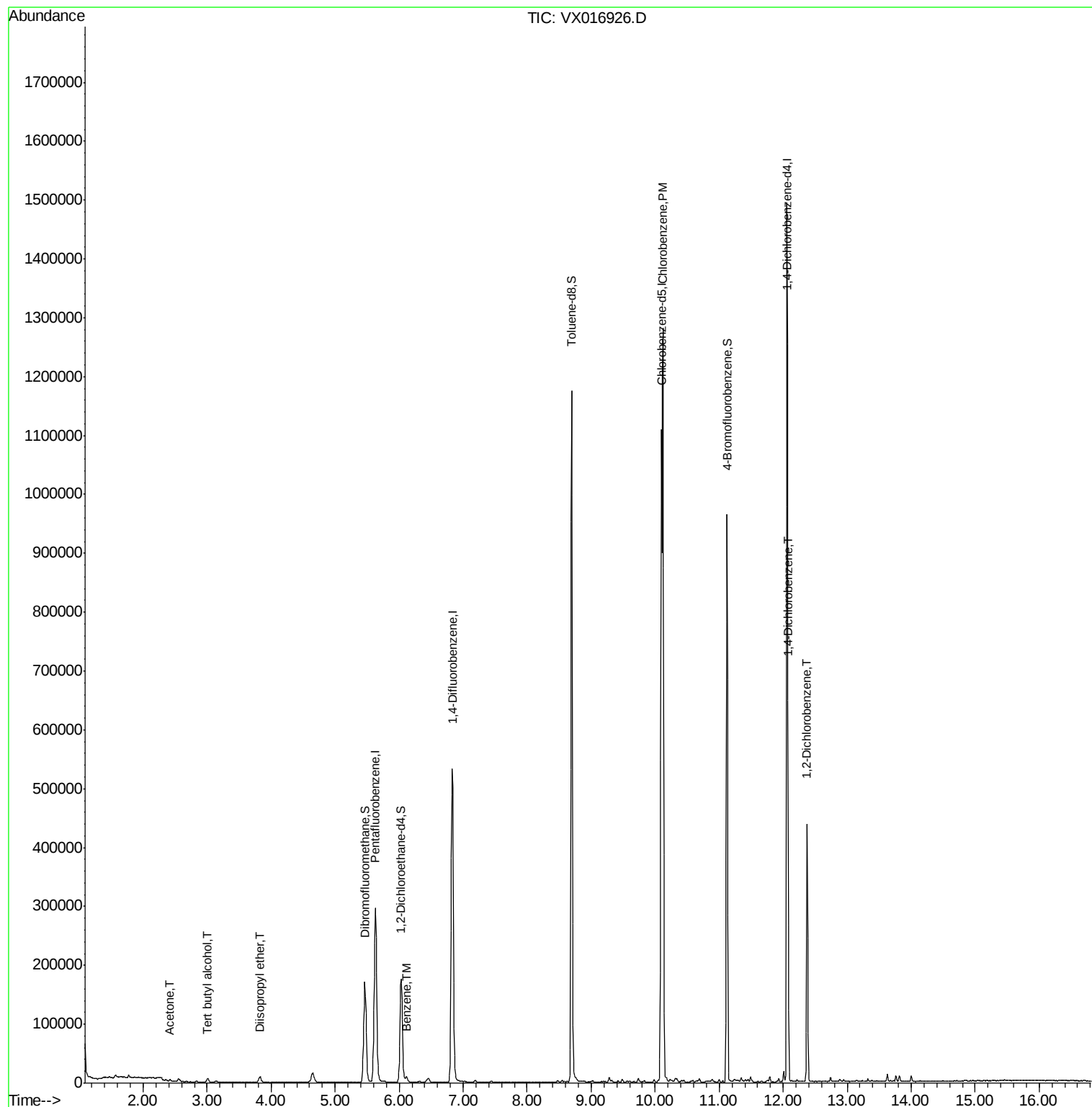
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	307390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	567135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	506964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	309115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168412	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
35) Dibromofluoromethane	5.46	113	148661	40.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.96%	
50) Toluene-d8	8.70	98	702674	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.12	95	257377	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	8255	13.209	ug/l	99
16) Acetone	2.42	43	2955	2.202	ug/l #	85
22) Diisopropyl ether	3.82	45	10575	1.270	ug/l #	81
40) Benzene	6.11	78	10820	0.689	ug/l	100
65) Chlorobenzene	10.12	112	572539	55.770	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	34946	3.485	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	144750	15.120	ug/l	100

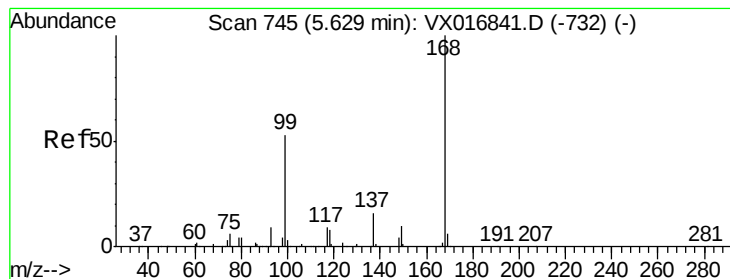
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 23 08:12:15 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: VX016926.D

Acq: 22 Jun 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

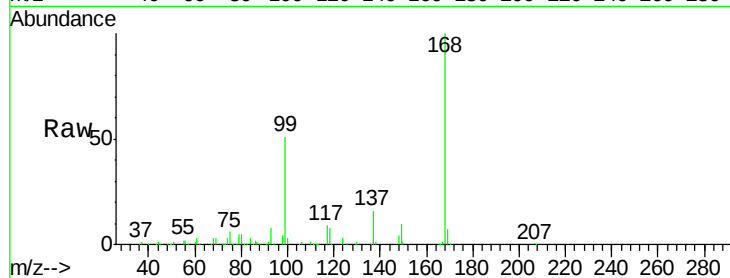
LF015MW047-200616DL

Tot Ion:168 Resp: 307390

Ion Ratio Lower Upper

168 100

99 51.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

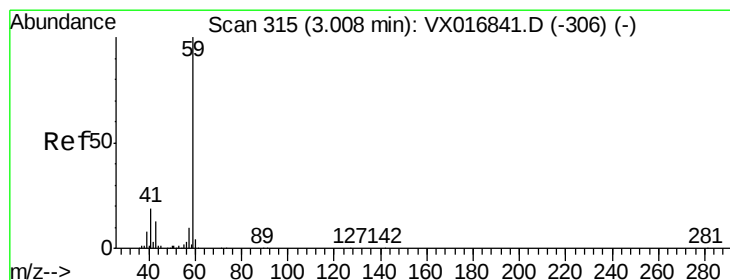
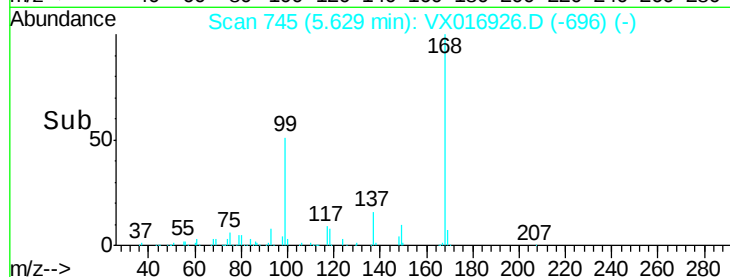
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 13.209 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX016926.D

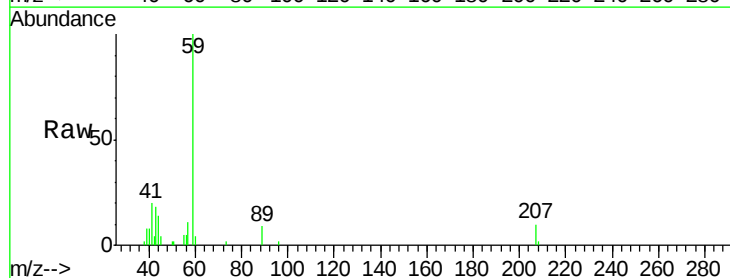
Acq: 22 Jun 2020 17:44

Tgt Ion: 59 Resp: 8255

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

4000

3000

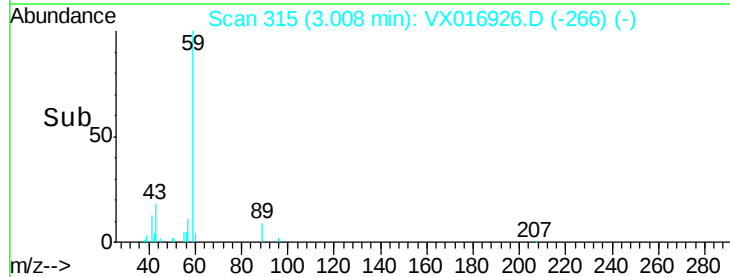
2000

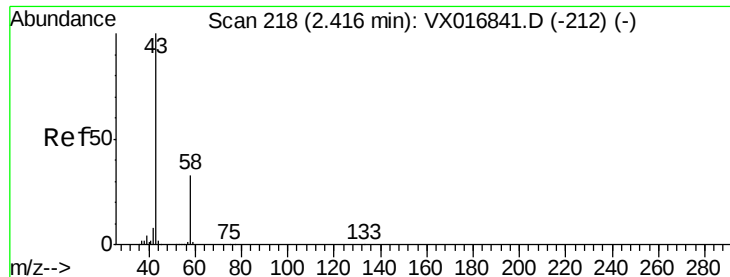
1000

0

Time-->

2.90 3.00 3.10





#16

Acetone

Concen: 2.202 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016926.D

Acq: 22 Jun 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

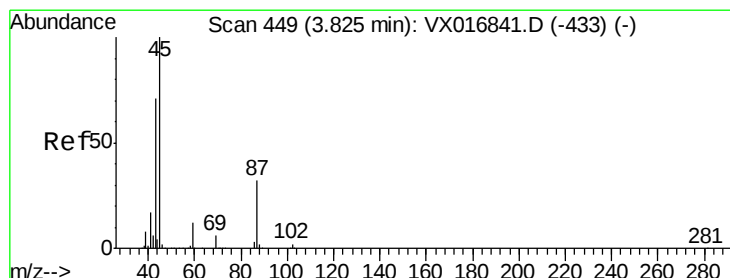
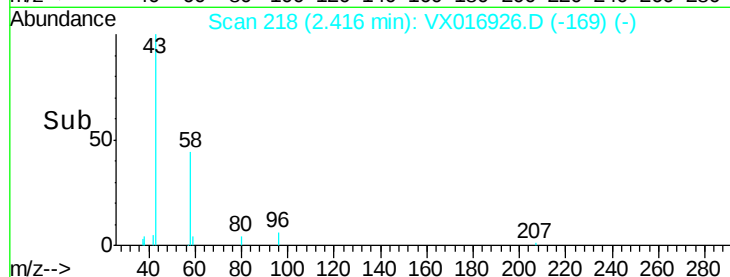
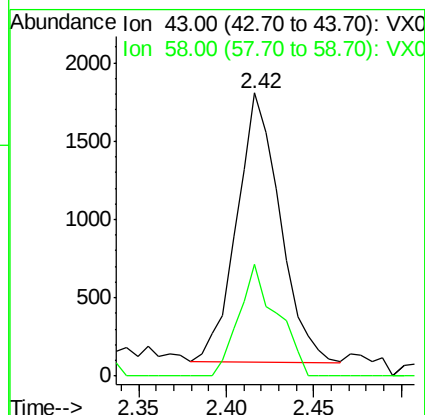
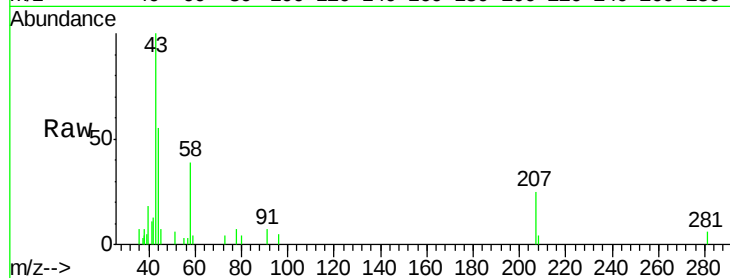
LF015MW047-200616DL

Tot Ion: 43 Resp: 2955

Ion Ratio Lower Upper

43 100

58 41.5 26.6 39.8#



#22

Diisopropyl ether

Concen: 1.270 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016926.D

Acq: 22 Jun 2020 17:44

Tgt Ion: 45 Resp: 10575

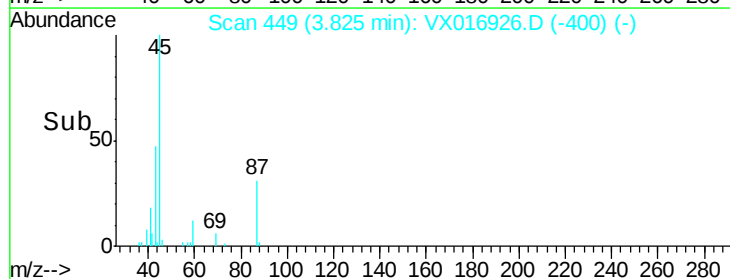
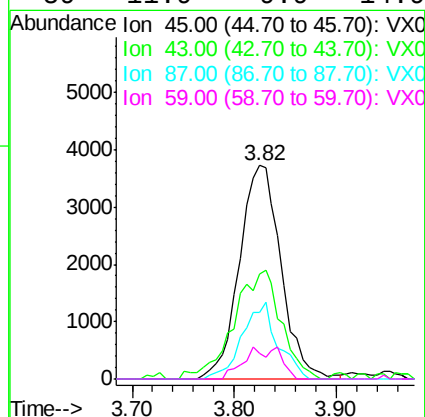
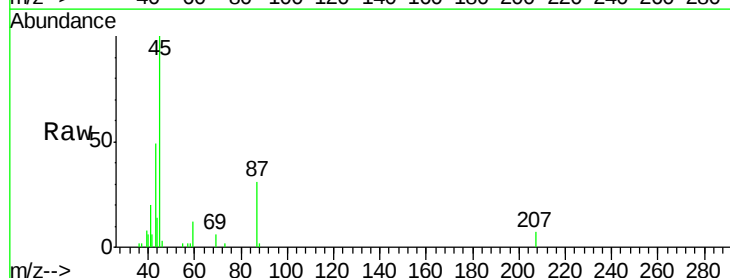
Ion Ratio Lower Upper

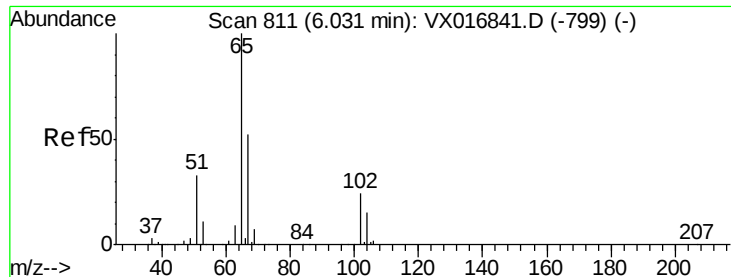
45 100

43 46.5 57.0 85.4#

87 31.4 25.2 37.8

59 11.9 9.9 14.9





#33

1,2-Dichloroethane-d4

Concen: 45.555 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016926.D

Acq: 22 Jun 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

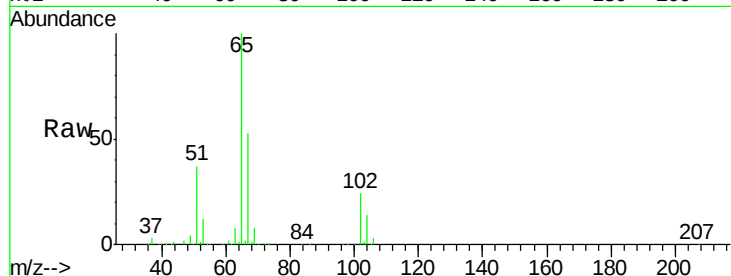
LF015MW047-200616DL

Tot Ion: 65 Resp: 168412

Ion Ratio Lower Upper

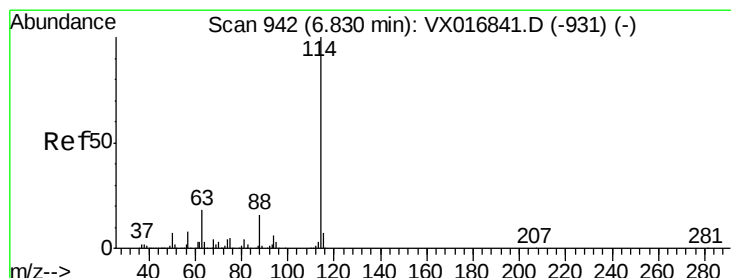
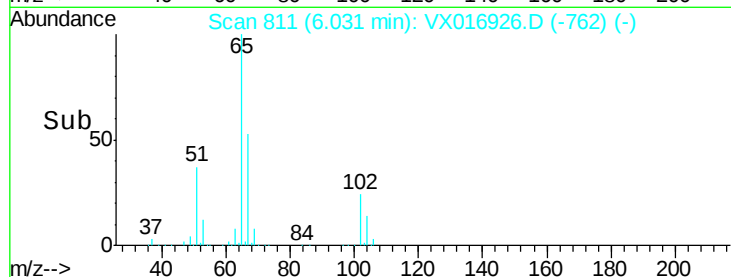
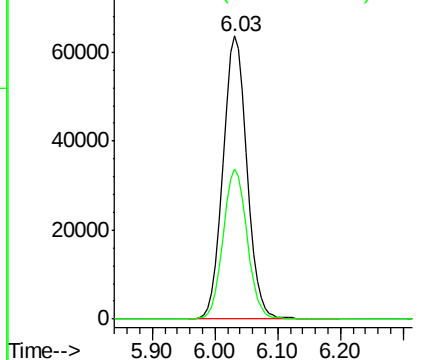
65 100

67 53.3 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: VX016926.D

Acq: 22 Jun 2020 17:44

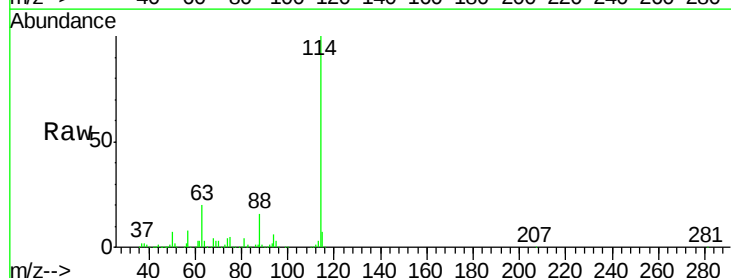
Tgt Ion:114 Resp: 567135

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.0

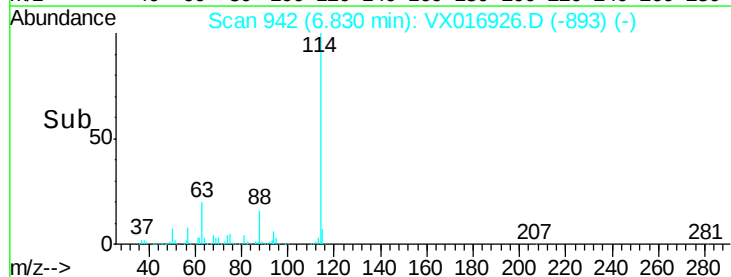
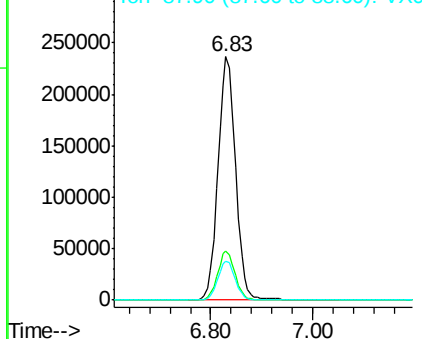
88 16.1 0.0 32.0

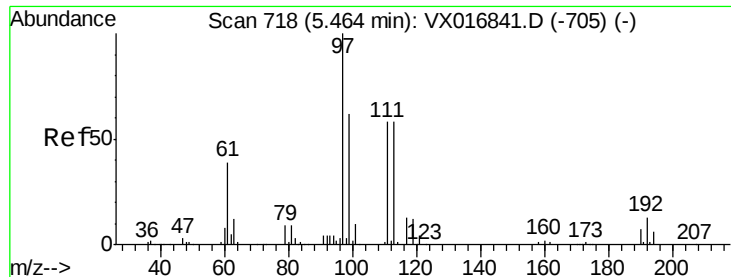


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

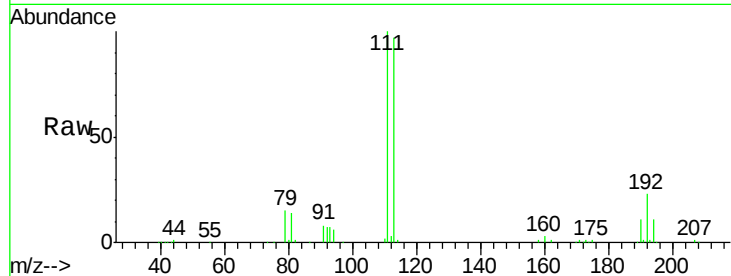




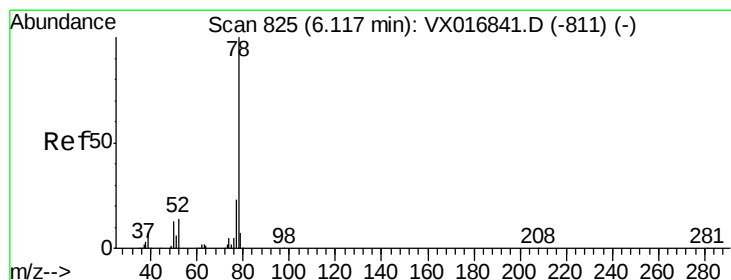
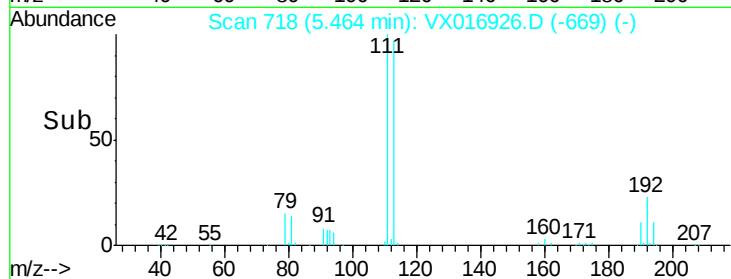
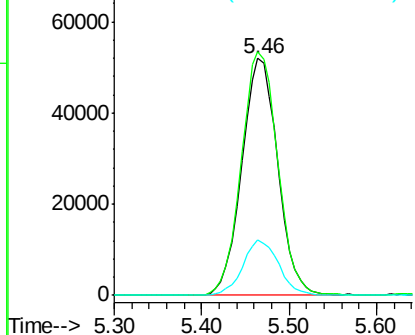
#35
 Dibromofluoromethane
 Concen: 40.976 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016926.D
 Acq: 22 Jun 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-200616DL

Tot Ion:113 Resp: 148661
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.0 121.4
 192 23.2 18.5 27.7

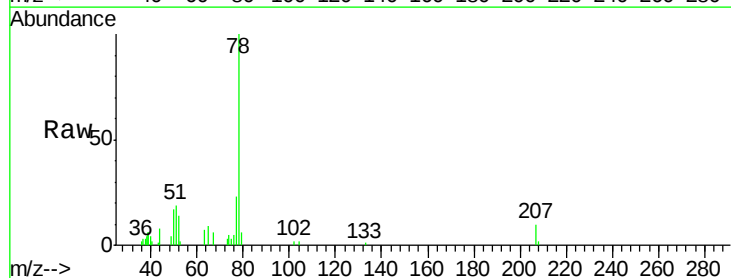


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

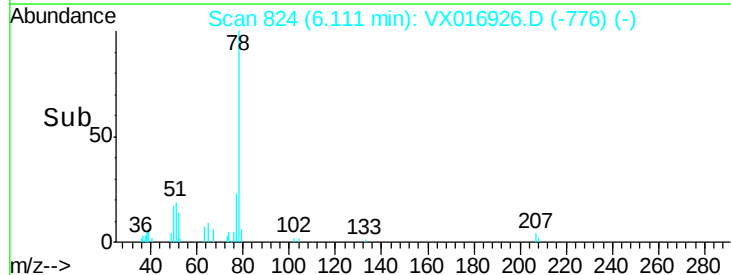
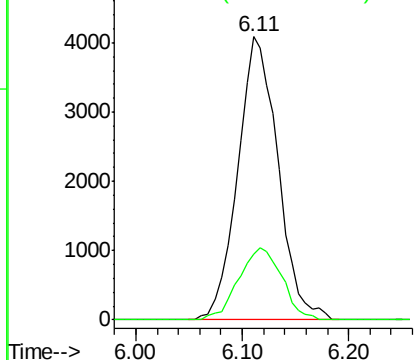


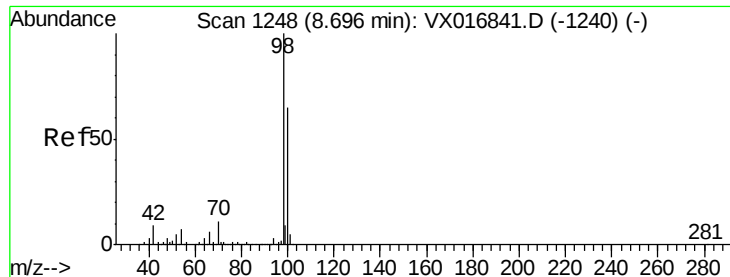
#40
 Benzene
 Concen: 0.689 ug/l
 RT: 6.11 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: VX016926.D
 Acq: 22 Jun 2020 17:44

Tgt Ion: 78 Resp: 10820
 Ion Ratio Lower Upper
 78 100
 77 23.4 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: 48.410 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016926.D

Acq: 22 Jun 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

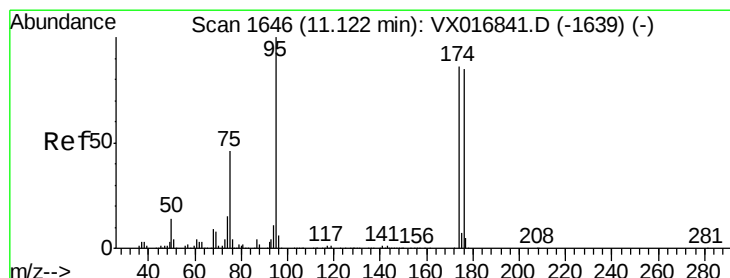
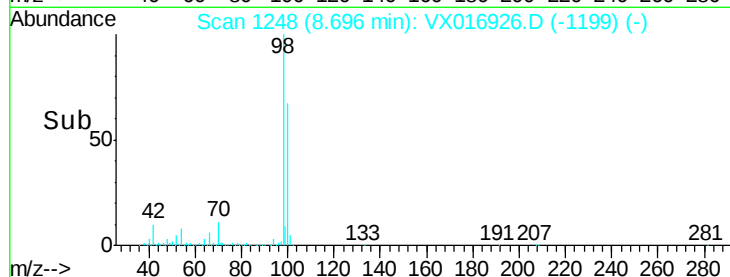
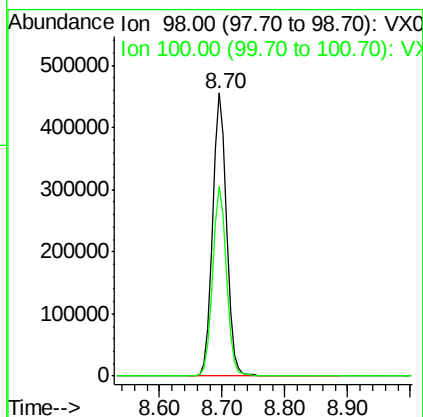
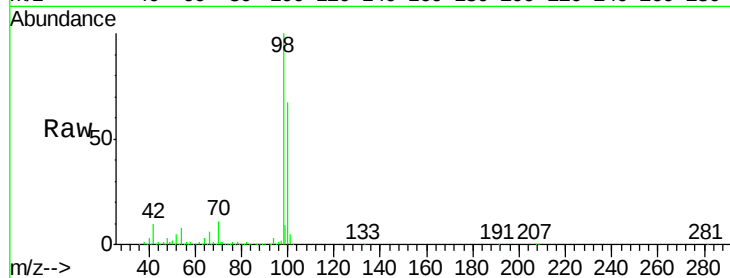
LF015MW047-200616DL

Tot Ion: 98 Resp: 702674

Ion Ratio Lower Upper

98 100

100 66.7 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 46.280 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016926.D

Acq: 22 Jun 2020 17:44

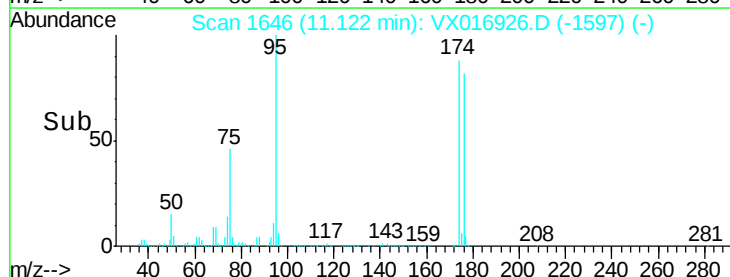
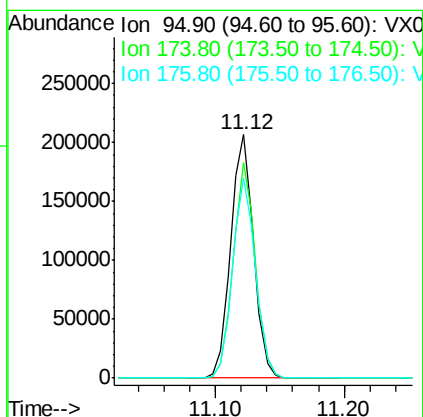
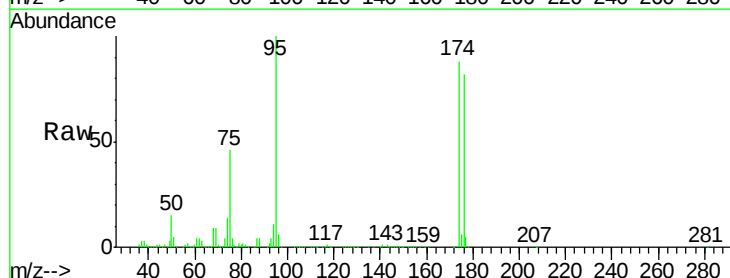
Tgt Ion: 95 Resp: 257377

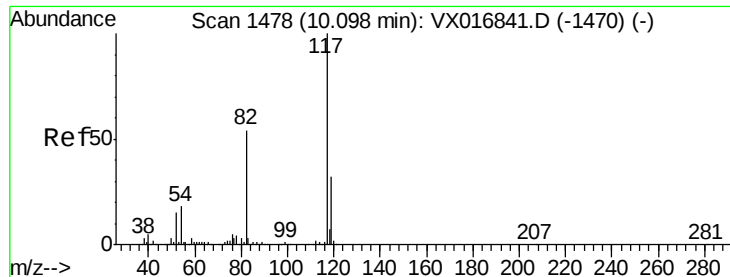
Ion Ratio Lower Upper

95 100

174 86.1 0.0 174.2

176 81.8 0.0 170.0

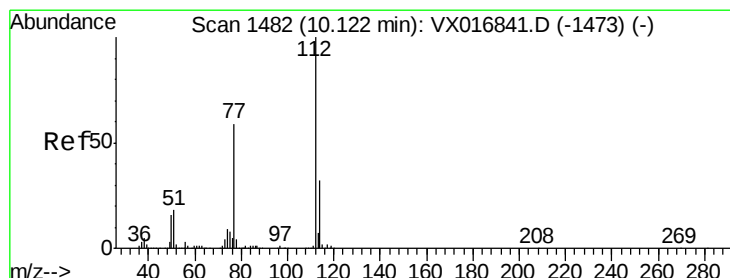
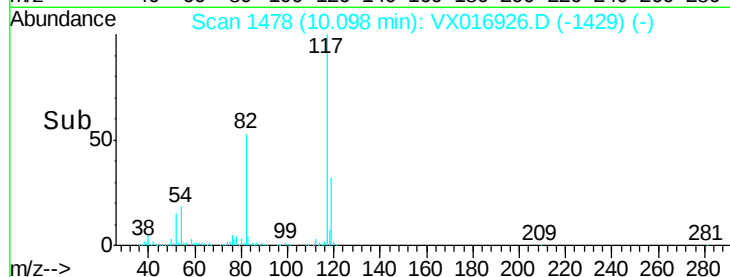
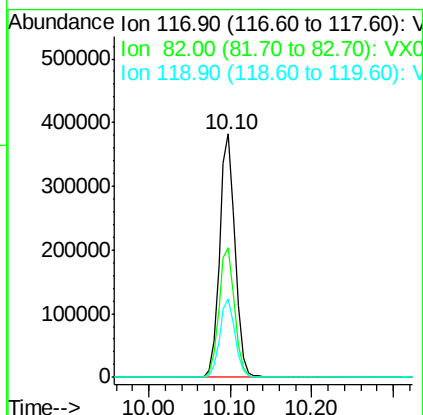
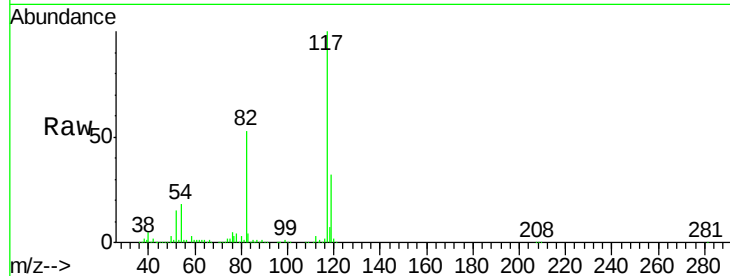




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016926.D
Acq: 22 Jun 2020 17:44

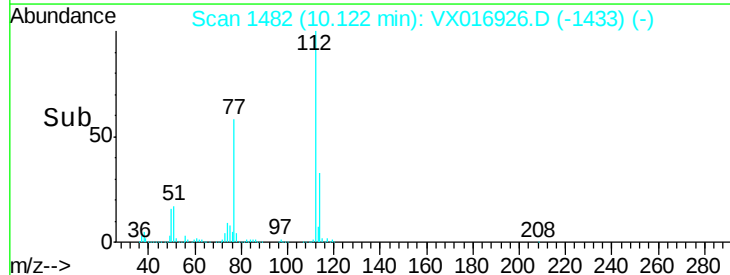
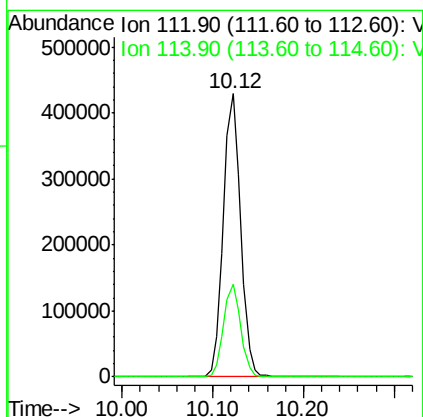
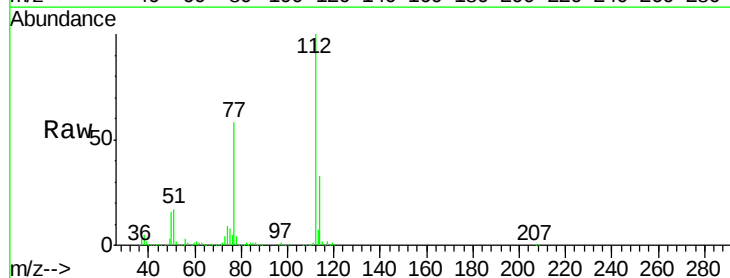
Instrument :
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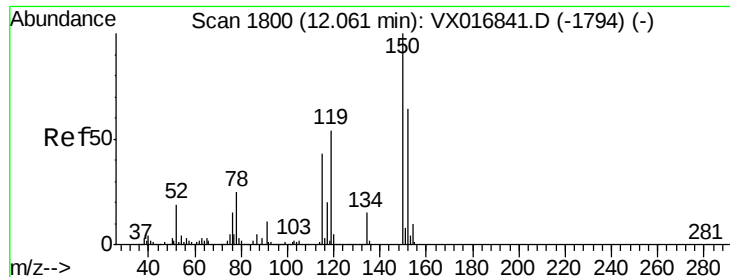
Tot Ion:117 Resp: 506964
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.0 25.7 38.5



#65
Chlorobenzene
Concen: 55.770 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016926.D
Acq: 22 Jun 2020 17:44

Tgt Ion:112 Resp: 572539
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016926.D

Acq: 22 Jun 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

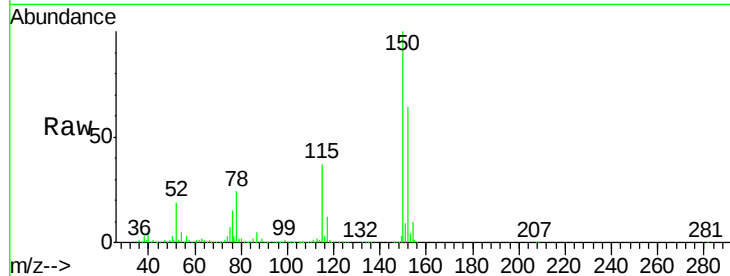
Tot Ion:152 Resp: 309115

Ion Ratio Lower Upper

152 100

115 56.7 40.9 122.8

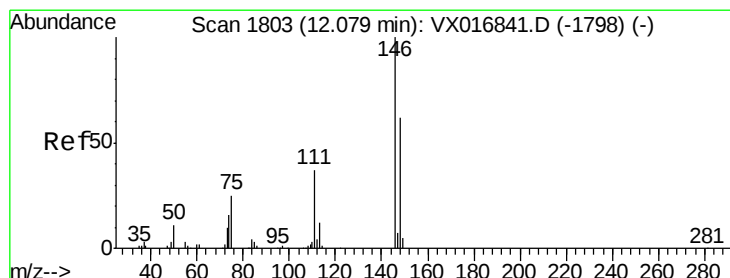
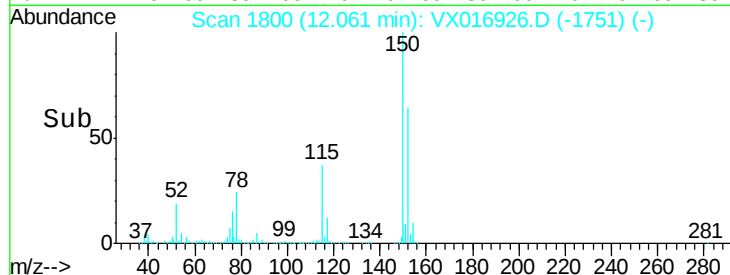
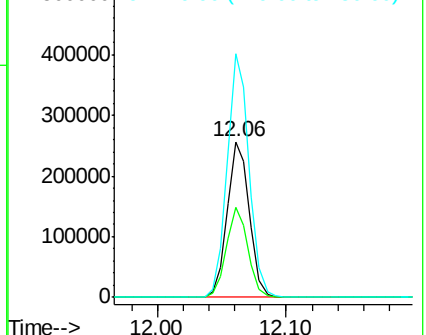
150 155.1 0.0 344.2



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



#88

1,4-Dichlorobenzene

Concen: 3.485 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016926.D

Acq: 22 Jun 2020 17:44

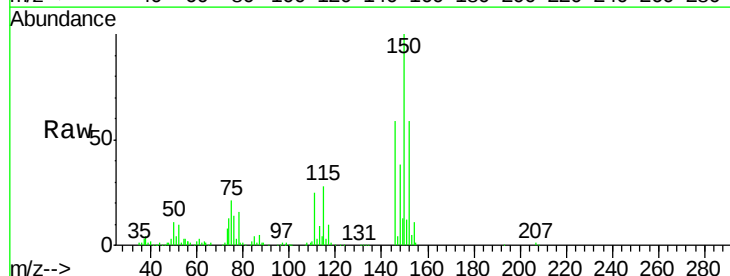
Tgt Ion:146 Resp: 34946

Ion Ratio Lower Upper

146 100

111 50.0 19.0 57.0

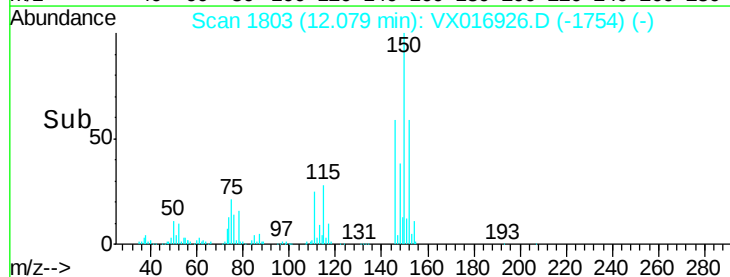
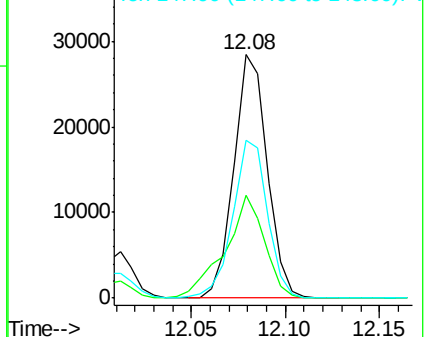
148 67.8 31.6 95.0

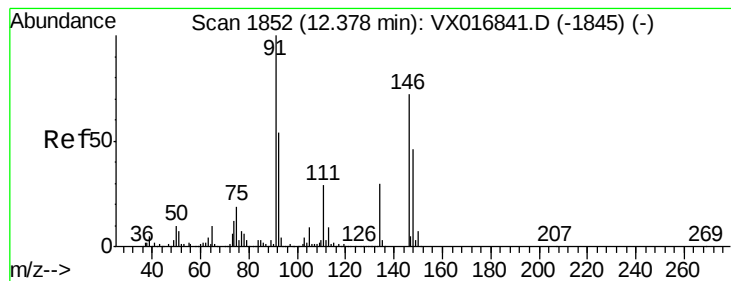


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 15.120 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016926.D

Acq: 22 Jun 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

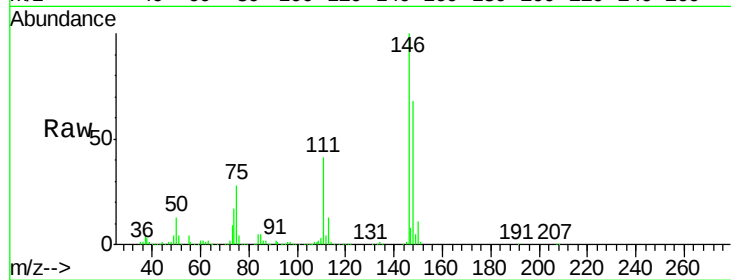
Tot Ion:146 Resp: 144750

Ion Ratio Lower Upper

146 100

111 42.0 20.9 62.7

148 65.3 32.9 98.6



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

