

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016884.D
 Acq On : 19 Jun 2020 17:00
 Operator : JC/SP
 Sample : L3032-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-200616DL

Quant Time: Jun 22 03:50:27 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

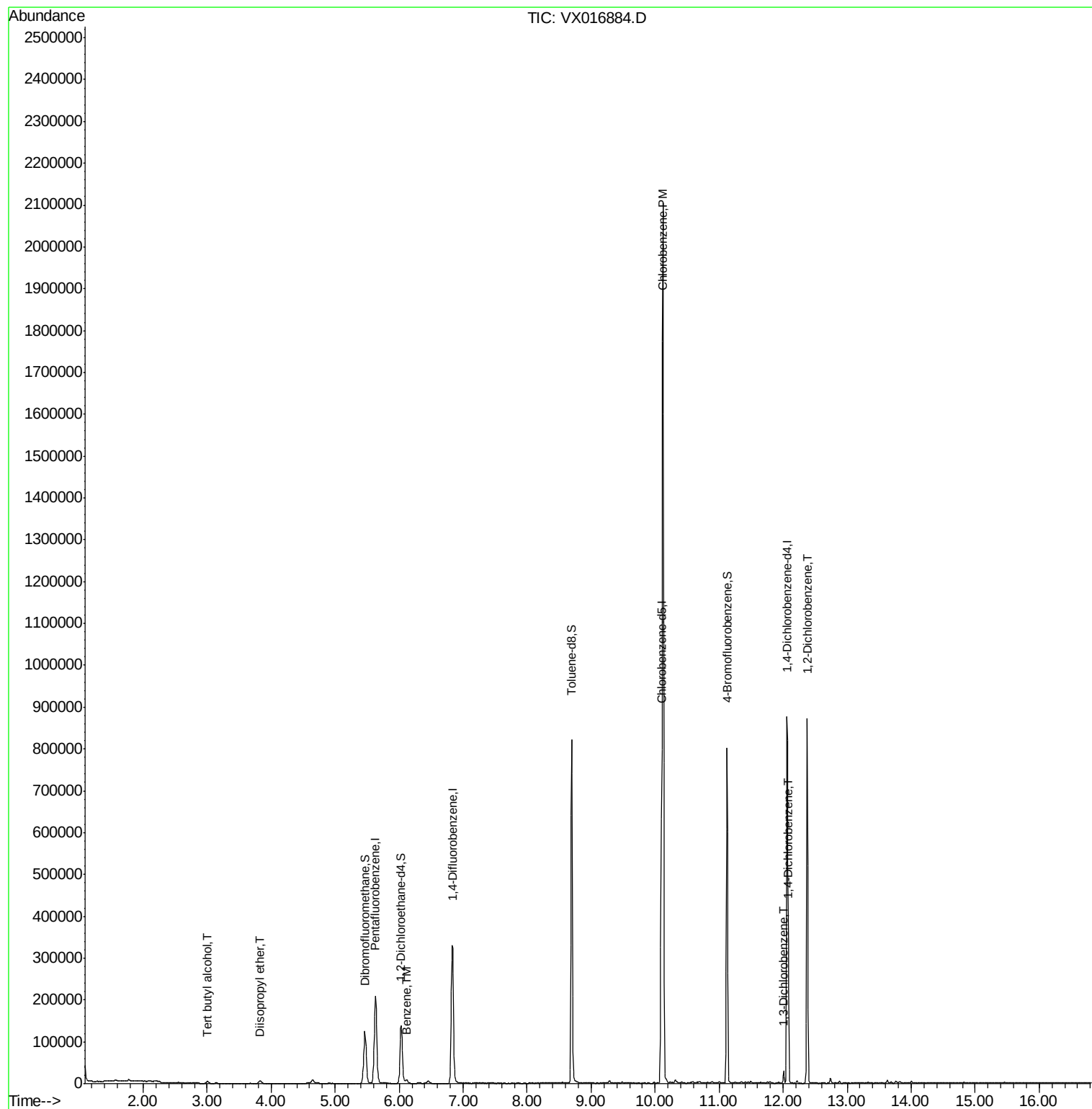
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	214474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	349658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	350590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130964	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	5.47	113	107524	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	8.70	98	495651	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
62) 4-Bromofluorobenzene	11.12	95	208205	60.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.44%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	6081	13.945	ug/l	95
22) Diisopropyl ether	3.82	45	6334	1.090	ug/l #	85
40) Benzene	6.12	78	10838	1.119	ug/l	91
65) Chlorobenzene	10.12	112	951080	133.966	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	10289	1.729	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	76490	12.711	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	297301	51.756	ug/l	98

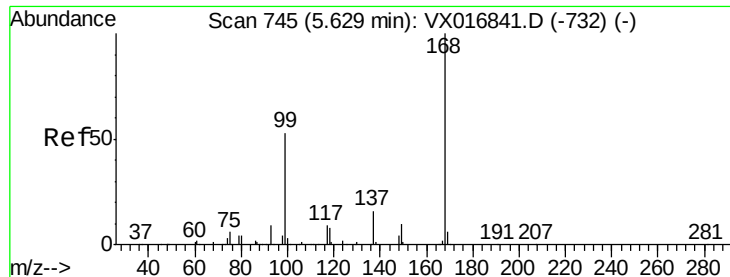
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016884.D

Acq: 19 Jun 2020 17:00

Instrument :

MSVOA_X

ClientSampleId :

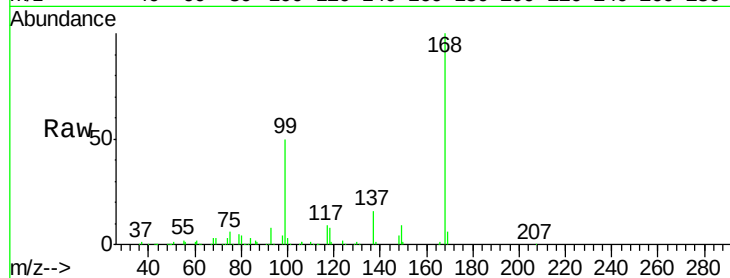
LF015MW047-200616DL

Tot Ion:168 Resp: 214474

Ion Ratio Lower Upper

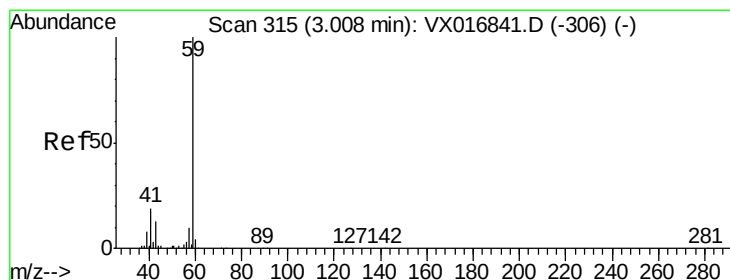
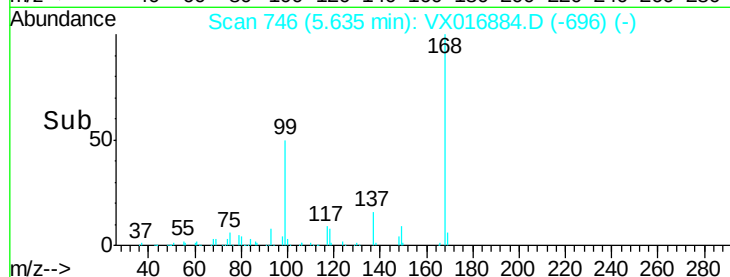
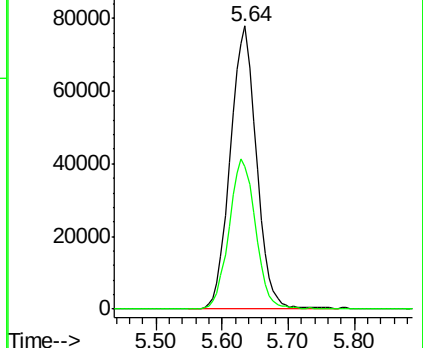
168 100

99 50.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 13.945 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX016884.D

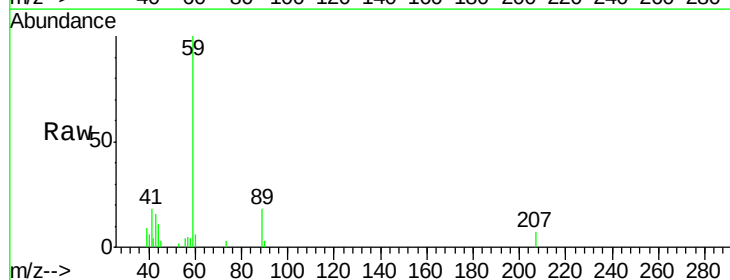
Acq: 19 Jun 2020 17:00

Tgt Ion: 59 Resp: 6081

Ion Ratio Lower Upper

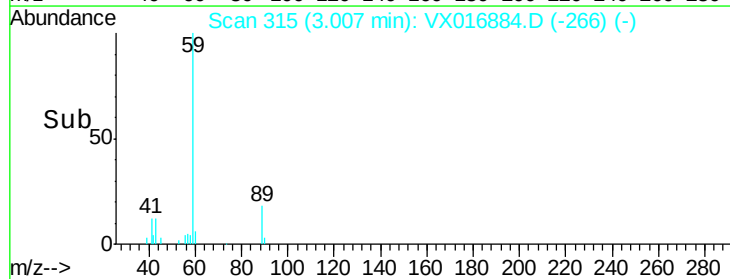
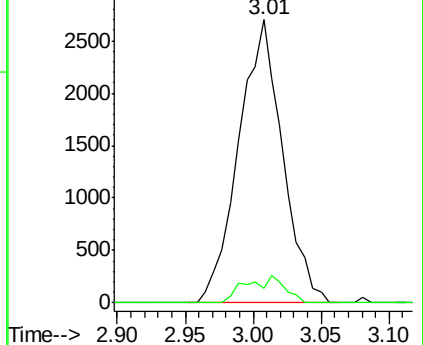
59 100

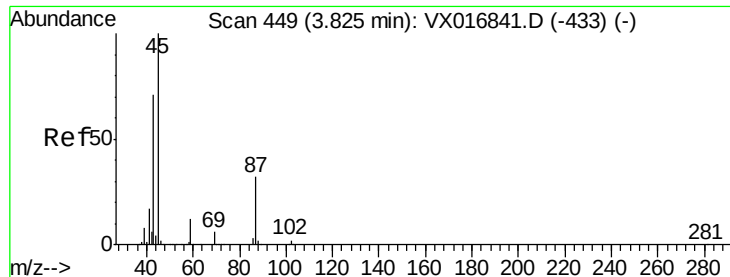
57 8.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

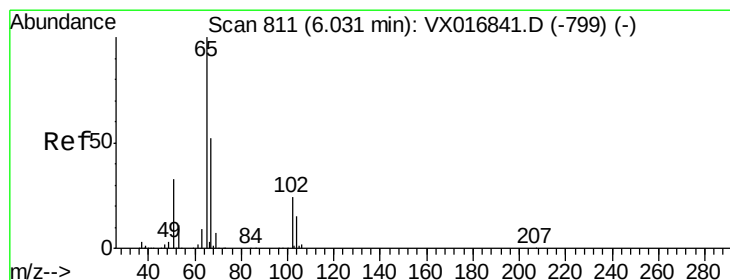
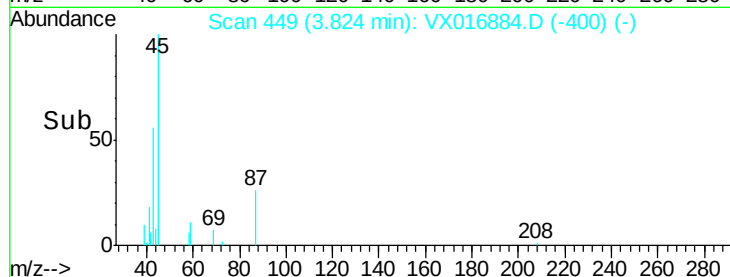
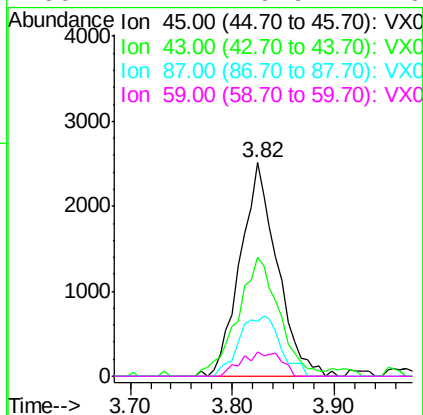
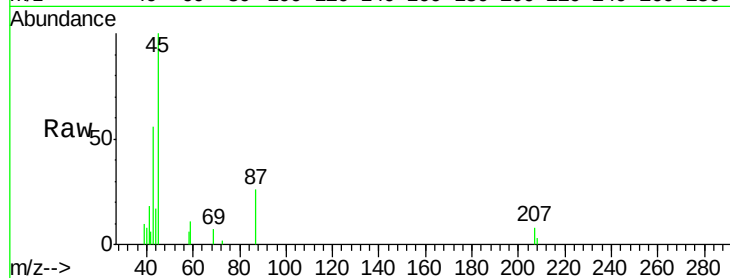




#22
Diisopropyl ether
Concen: 1.090 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

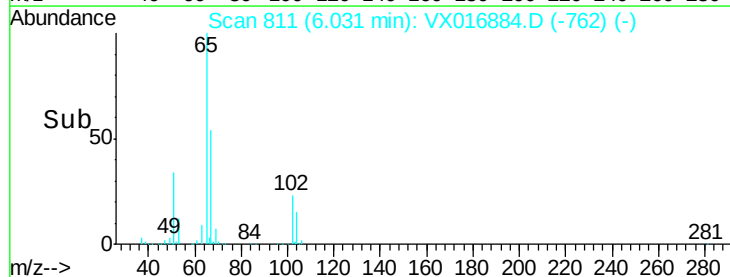
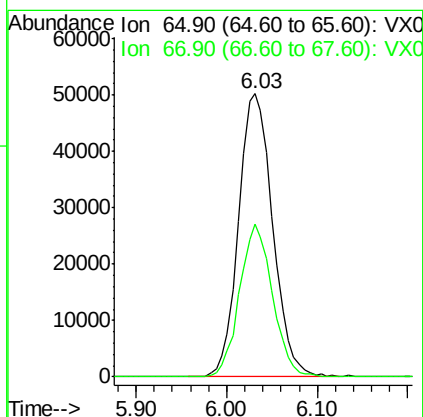
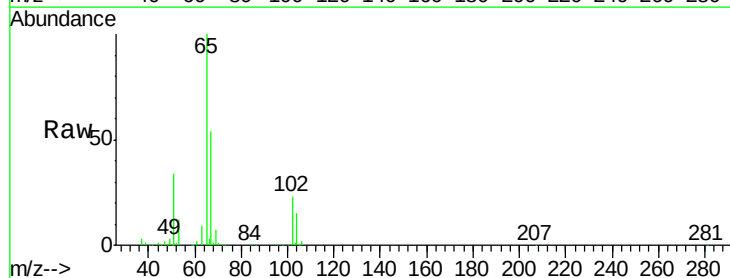
Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

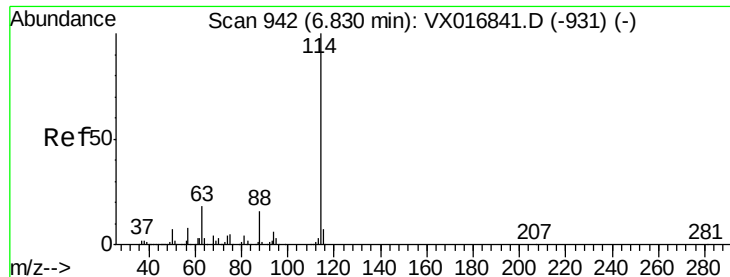
Tot Ion:	45	Resp:	6334
Ion	Ratio	Lower	Upper
45	100		
43	55.5	57.0	85.4#
87	25.9	25.2	37.8
59	11.2	9.9	14.9



#33
1,2-Dichloroethane-d4
Concen: 50.773 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:	65	Resp:	130964
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016884.D

Acq: 19 Jun 2020 17:00

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

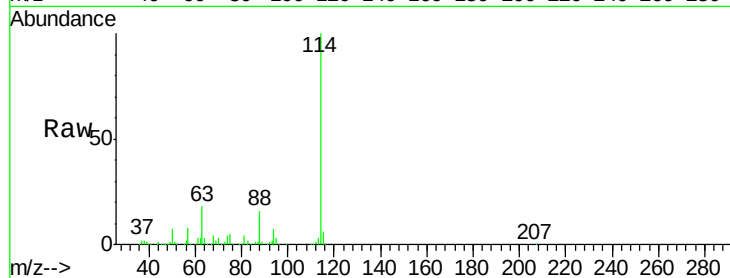
Tot Ion:114 Resp: 349658

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.0

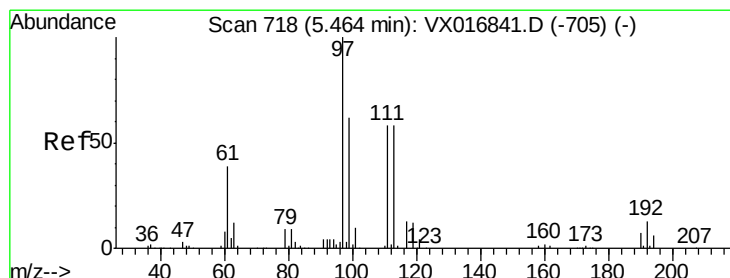
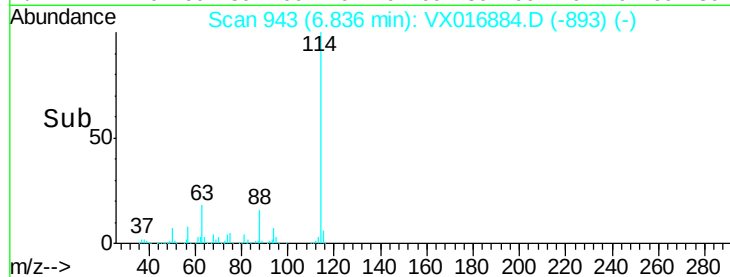
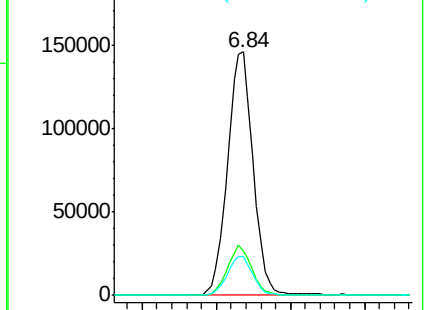
88 16.1 0.0 32.0



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: 48.071 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016884.D

Acq: 19 Jun 2020 17:00

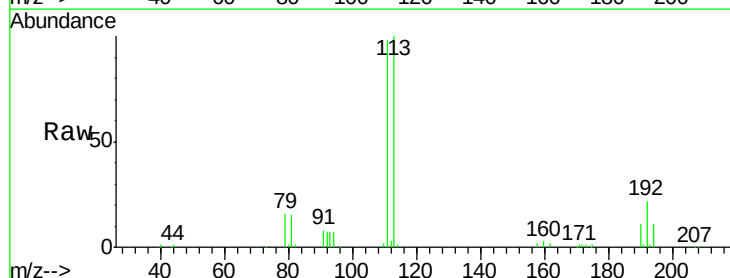
Tgt Ion:113 Resp: 107524

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

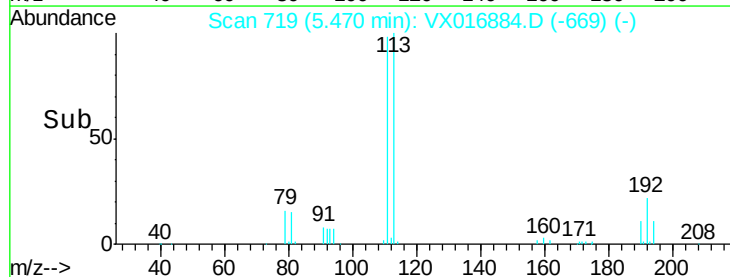
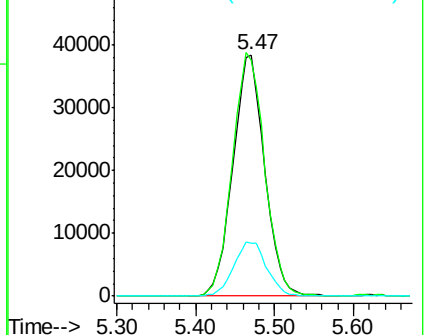
192 23.3 18.5 27.7

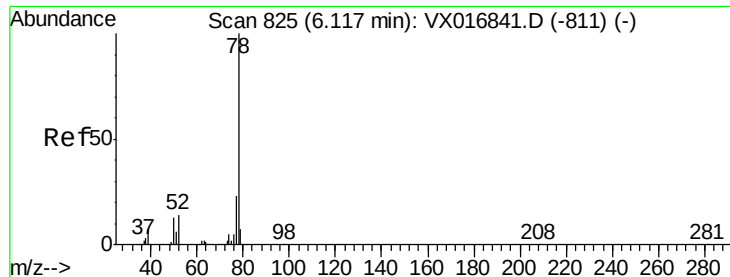


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.119 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016884.D

Acq: 19 Jun 2020 17:00

Instrument :

MSVOA_X

ClientSampleId :

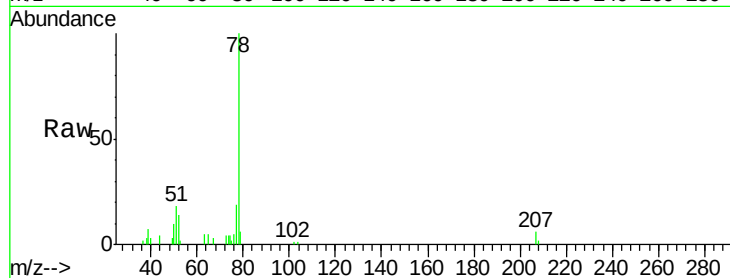
LF015MW047-200616DL

Tot Ion: 78 Resp: 10838

Ion Ratio Lower Upper

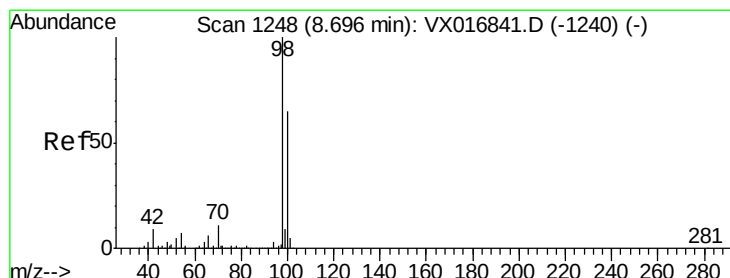
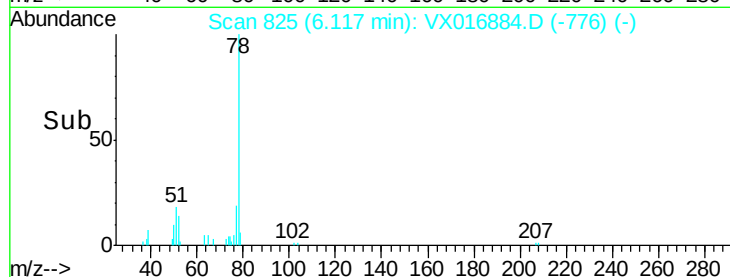
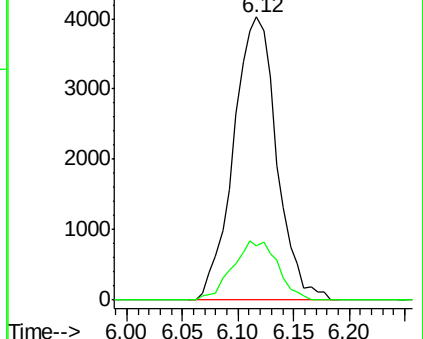
78 100

77 19.0 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: 55.386 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016884.D

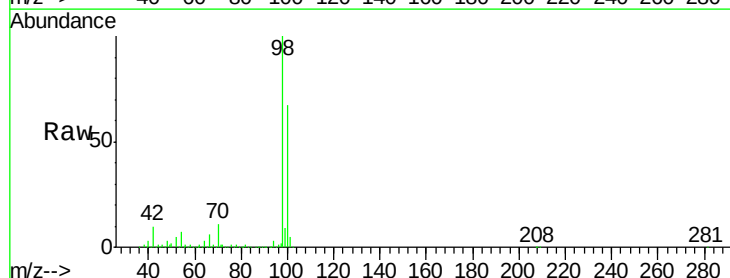
Acq: 19 Jun 2020 17:00

Tgt Ion: 98 Resp: 495651

Ion Ratio Lower Upper

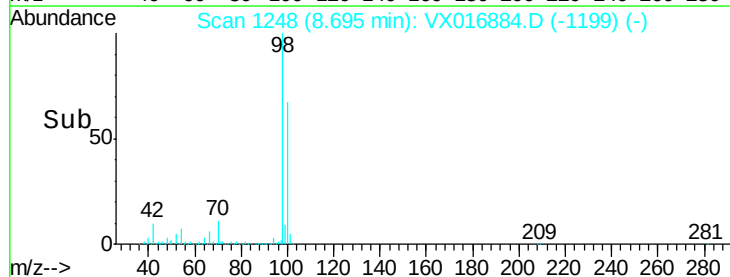
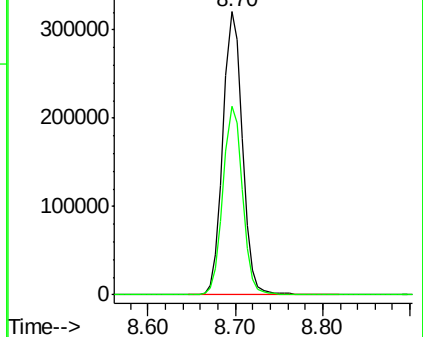
98 100

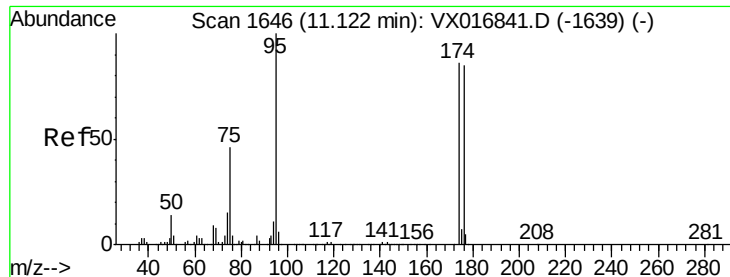
100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 60.724 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016884.D

Acq: 19 Jun 2020 17:00

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

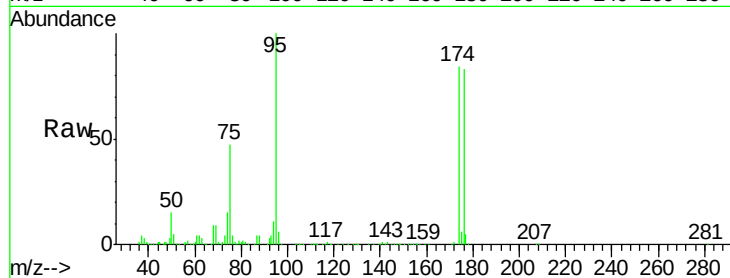
Tot Ion: 95 Resp: 208205

Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.2

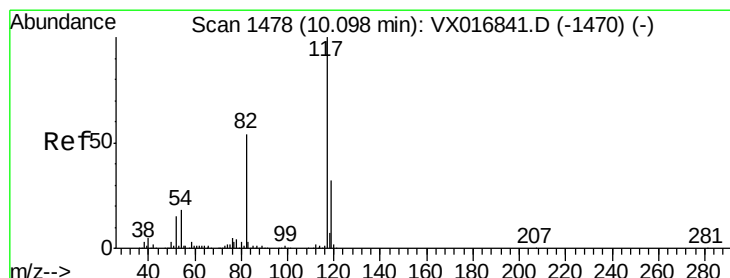
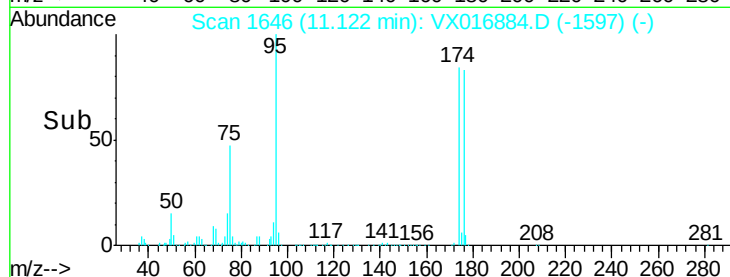
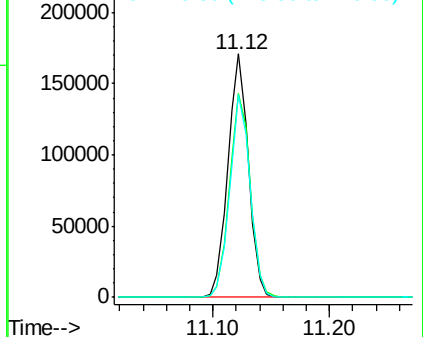
176 83.0 0.0 170.0



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: VX016884.D

Acq: 19 Jun 2020 17:00

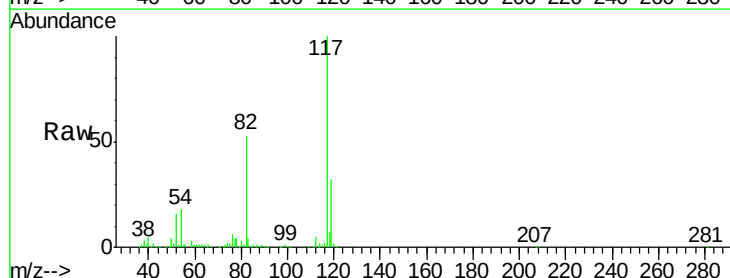
Tgt Ion: 117 Resp: 350590

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

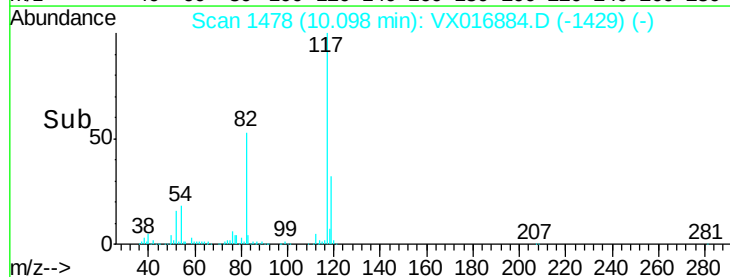
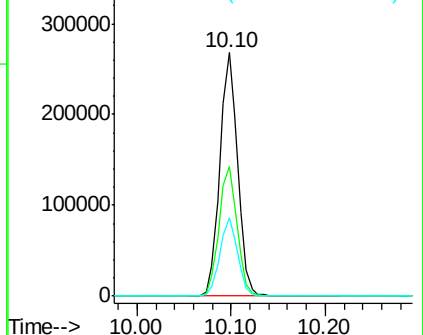
119 32.4 25.7 38.5

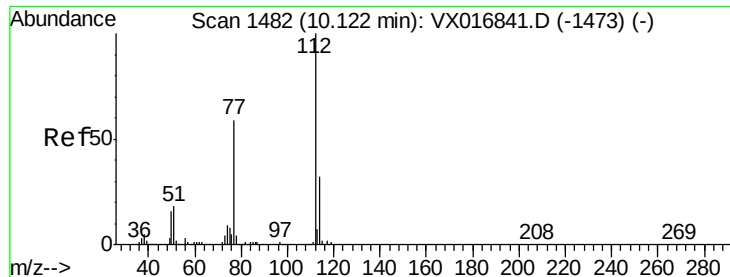


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

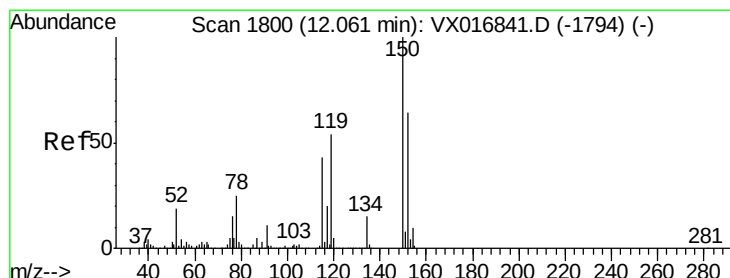
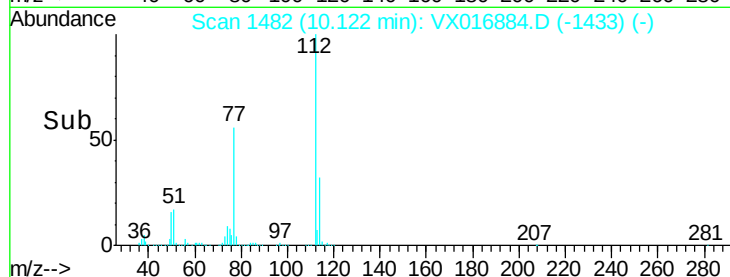
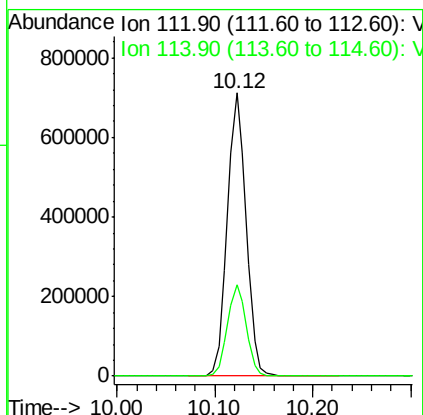
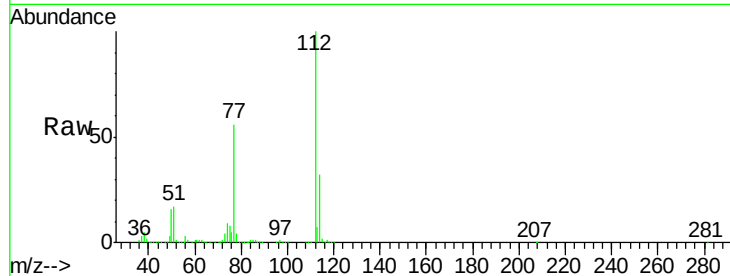




#65
Chlorobenzene
Concen: 133.966 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

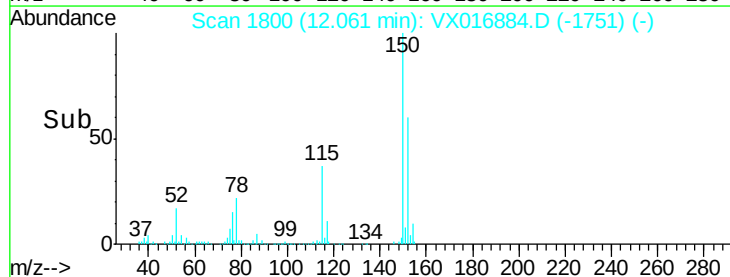
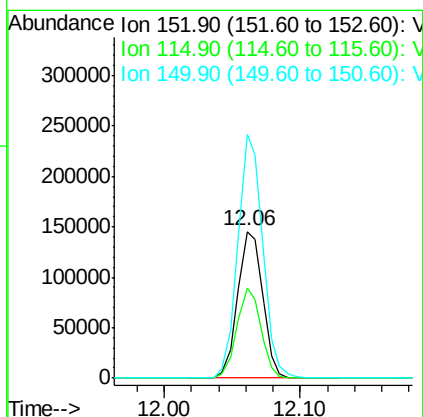
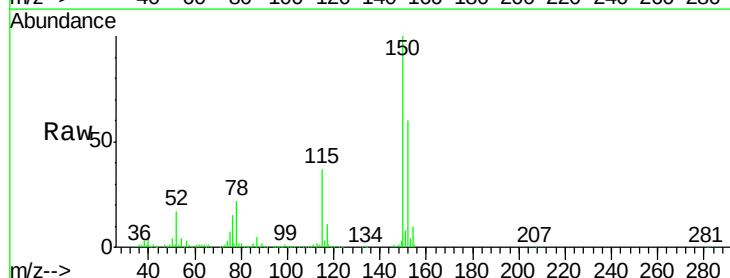
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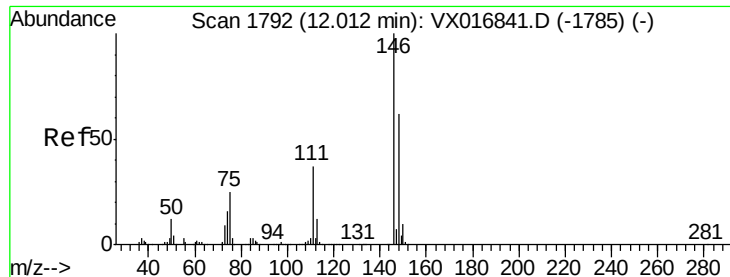
Tot Ion:112 Resp: 951080
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:152 Resp: 185479
Ion Ratio Lower Upper
152 100
115 59.1 40.9 122.8
150 165.4 0.0 344.2

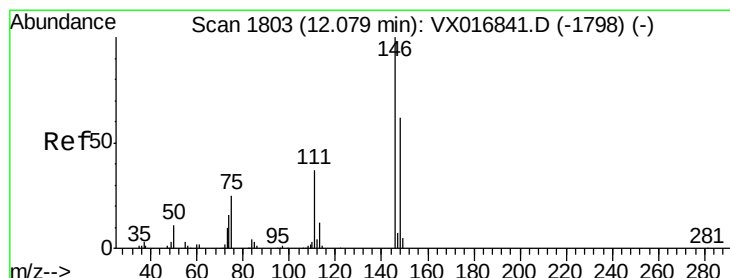
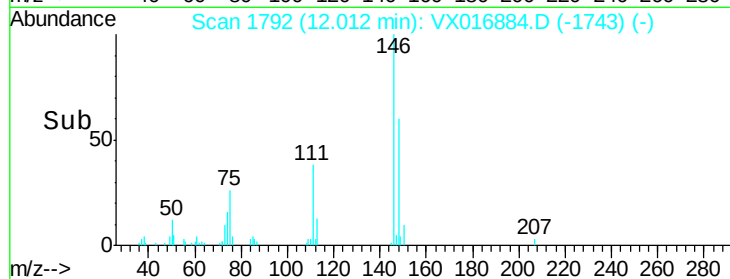
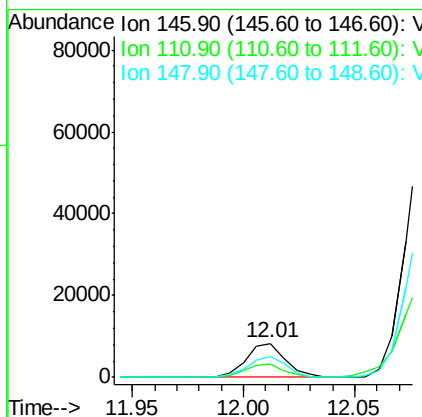
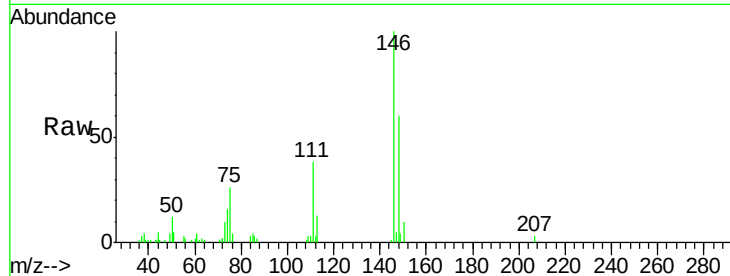




#87
 1,3-Dichlorobenzene
 Concen: 1.729 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016884.D
 Acq: 19 Jun 2020 17:00

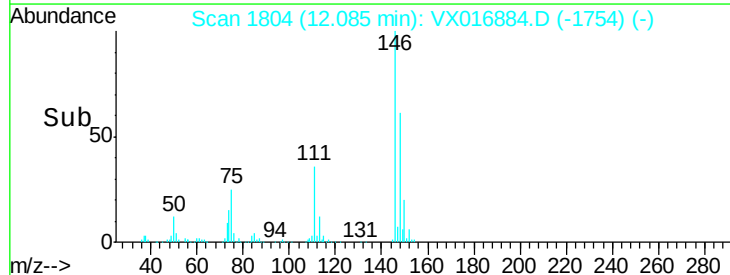
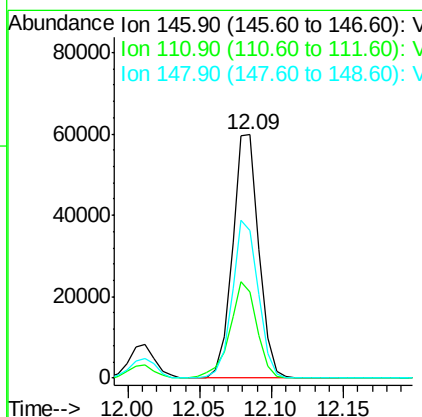
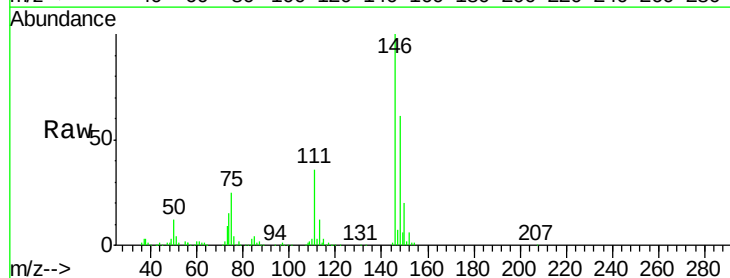
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-200616DL

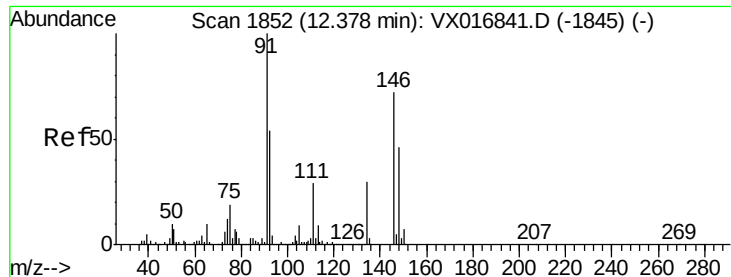
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.2
148	60.6	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 12.711 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016884.D
 Acq: 19 Jun 2020 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.0	57.0
148	64.3	31.6	95.0





#91

1,2-Dichlorobenzene

Concen: 51.756 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016884.D

Acq: 19 Jun 2020 17:00

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

Tot Ion:146 Resp: 297301

Ion Ratio Lower Upper

146 100

111 40.8 20.9 62.7

148 64.3 32.9 98.6

