

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016707.D
 Acq On : 11 Jun 2020 16:20
 Operator : JC/SP
 Sample : L2963-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW028-200608

Quant Time: Jun 12 07:39:20 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

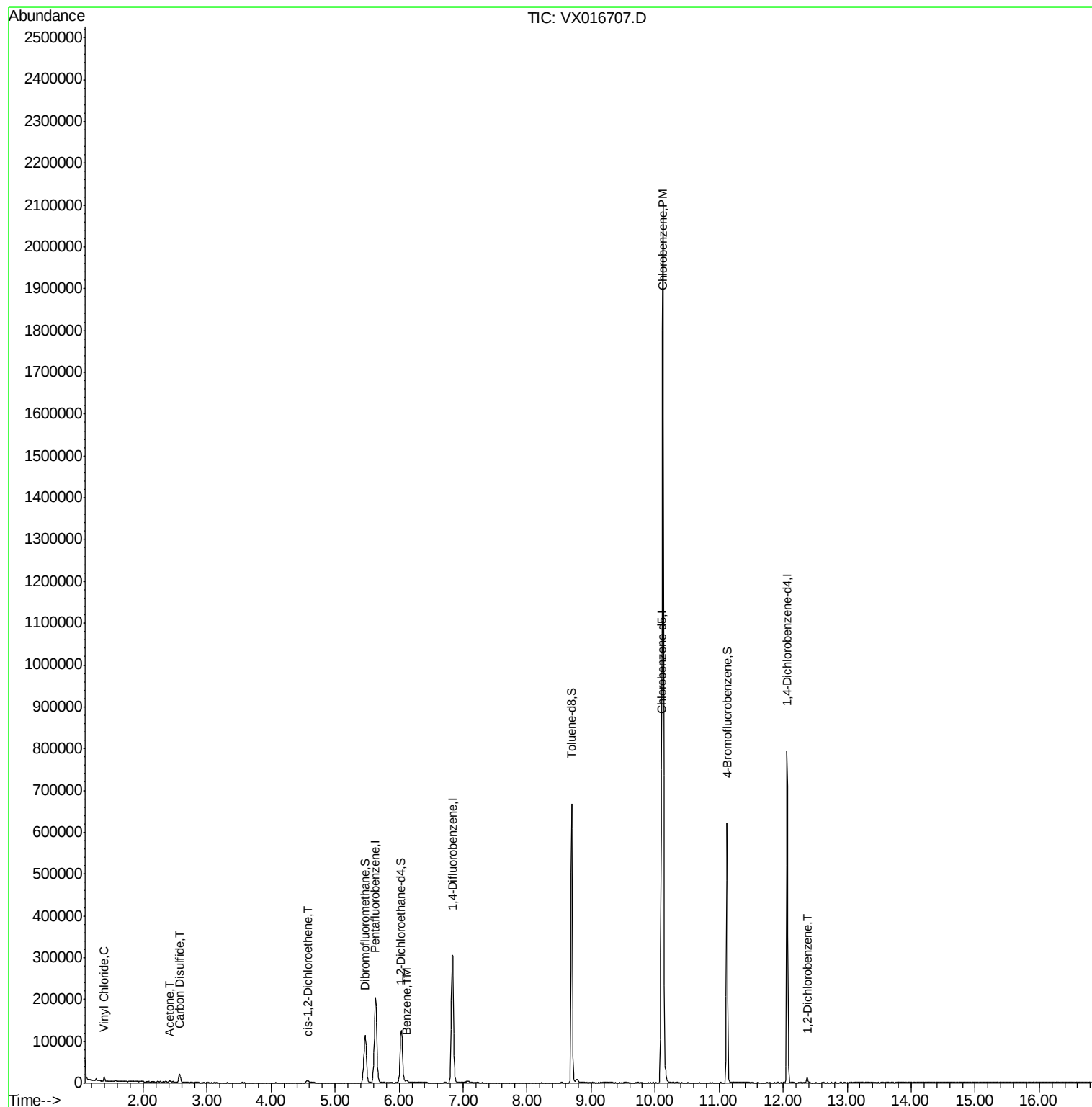
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	203661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	323851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	334379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	121894	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
35) Dibromofluoromethane	5.47	113	100399	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	8.70	98	400720	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.12	95	160033	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
Target Compounds						
4) Vinyl Chloride	1.39	62	5455	2.130	ug/l	99
16) Acetone	2.42	43	3135	2.829	ug/l	97
17) Carbon Disulfide	2.56	76	1202	0.207	ug/l #	83
27) cis-1,2-Dichloroethene	4.57	96	4210	1.679	ug/l	89
40) Benzene	6.12	78	6771	0.742	ug/l	98
65) Chlorobenzene	10.12	112	949353	139.261	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	4245	0.815	ug/l	94

(#) = 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: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016707.D

Acq: 11 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

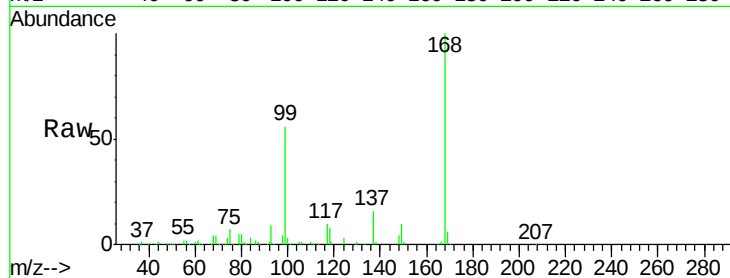
LF014MW028-200608

Tot Ion:168 Resp: 203661

Ion Ratio Lower Upper

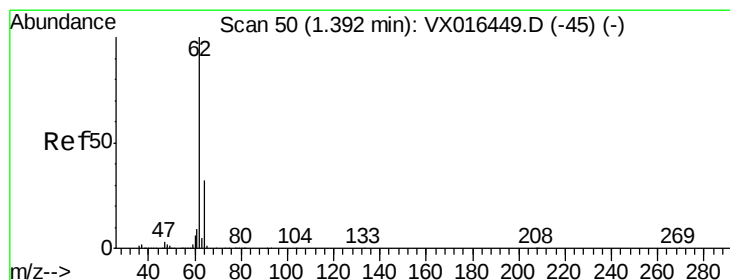
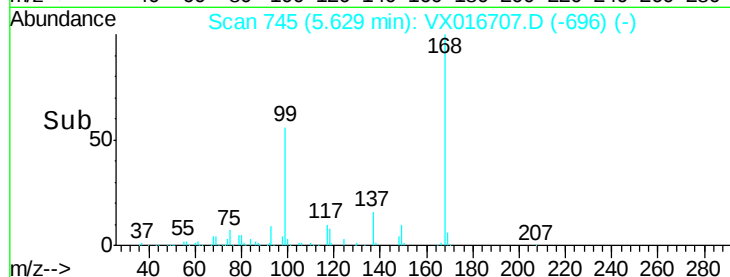
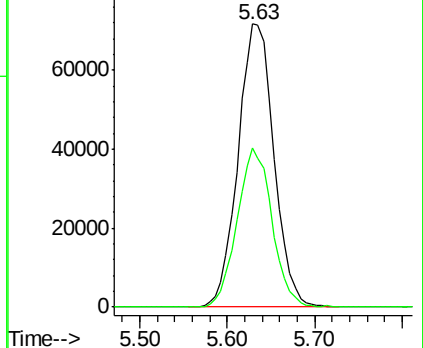
168 100

99 56.2 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: 2.130 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016707.D

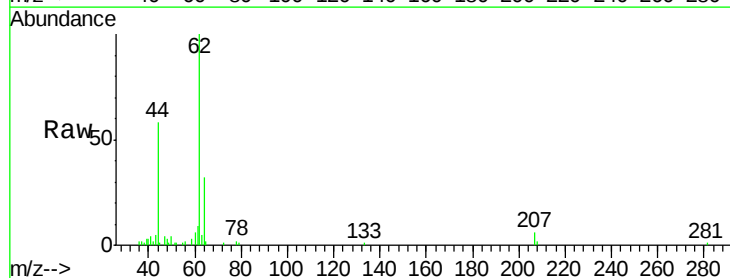
Acq: 11 Jun 2020 16:20

Tgt Ion: 62 Resp: 5455

Ion Ratio Lower Upper

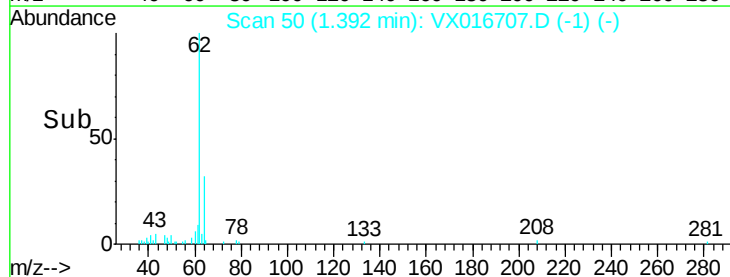
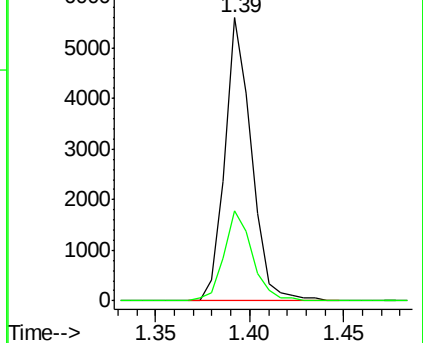
62 100

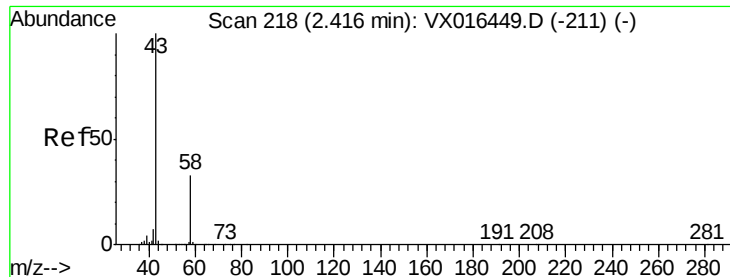
64 31.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.829 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016707.D

Acq: 11 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

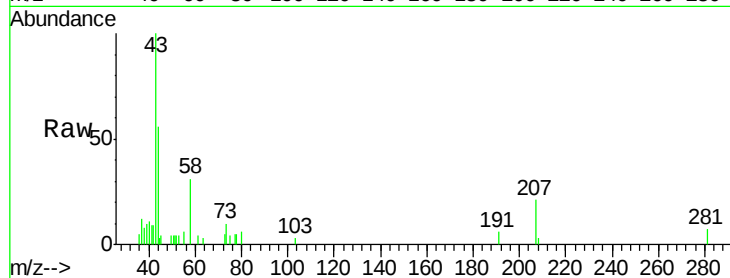
LF014MW028-200608

Tot Ion: 43 Resp: 3135

Ion Ratio Lower Upper

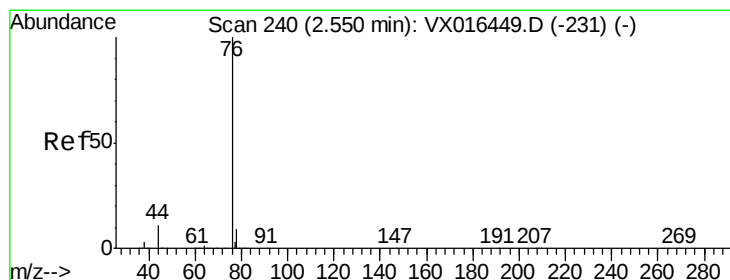
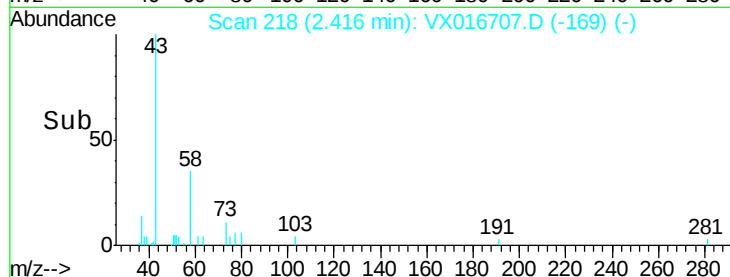
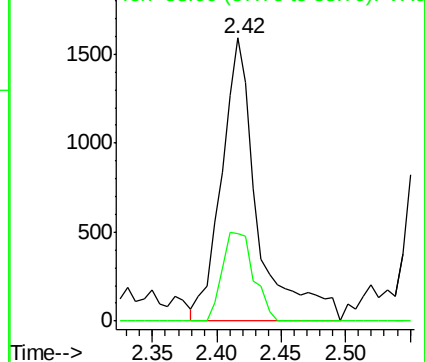
43 100

58 31.0 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.207 ug/l

RT: 2.56 min Scan# 242

Delta R.T. 0.01 min

Lab File: VX016707.D

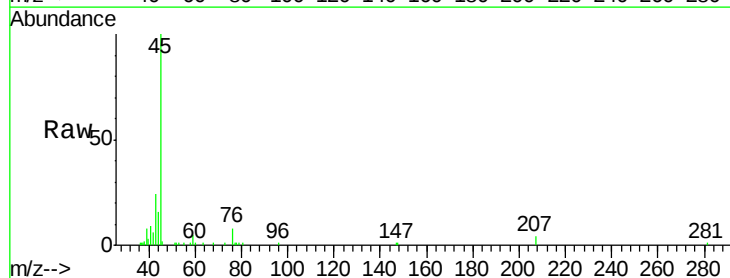
Acq: 11 Jun 2020 16:20

Tgt Ion: 76 Resp: 1202

Ion Ratio Lower Upper

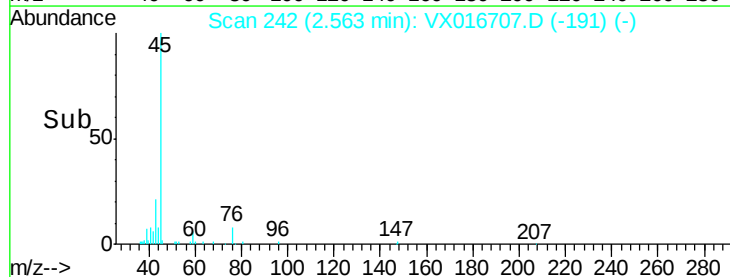
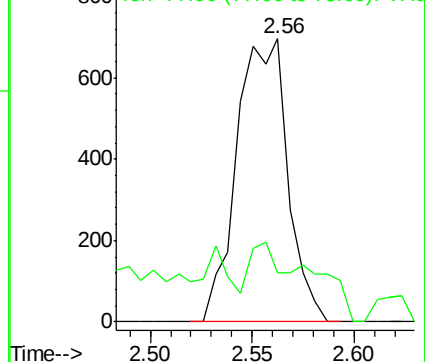
76 100

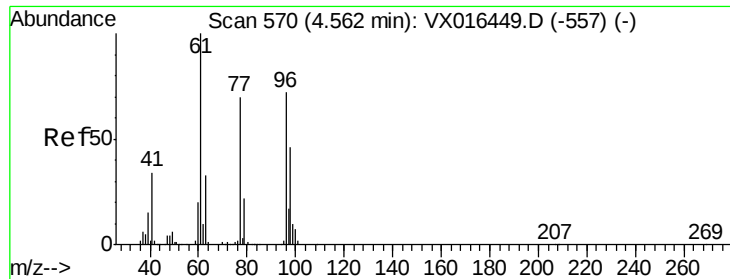
78 3.2 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



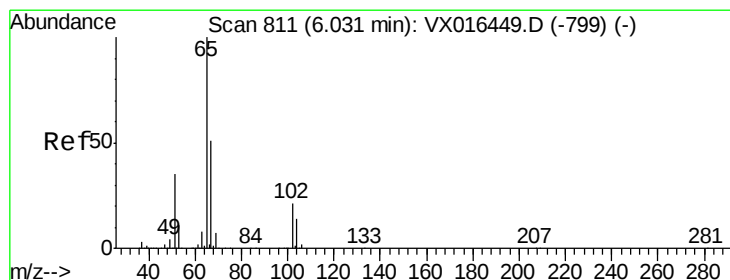
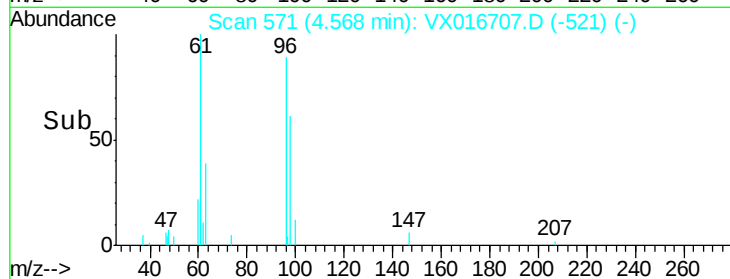
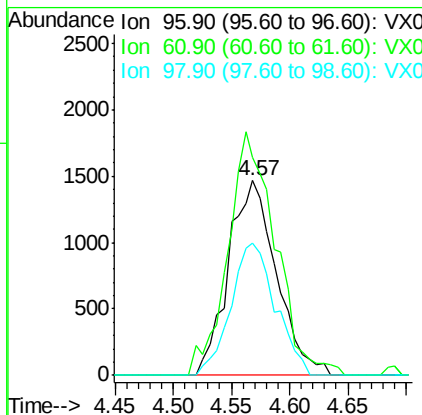
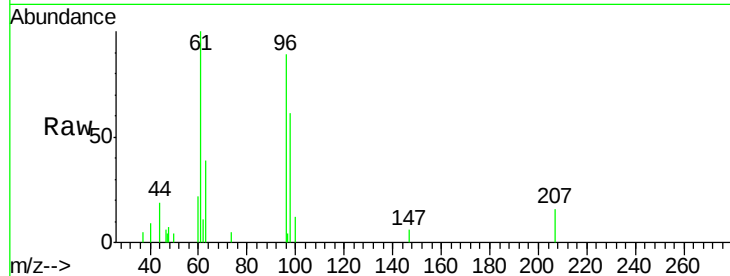


#27

cis-1,2-Dichloroethene
 Concen: 1.679 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016707.D
 Acq: 11 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW028-200608

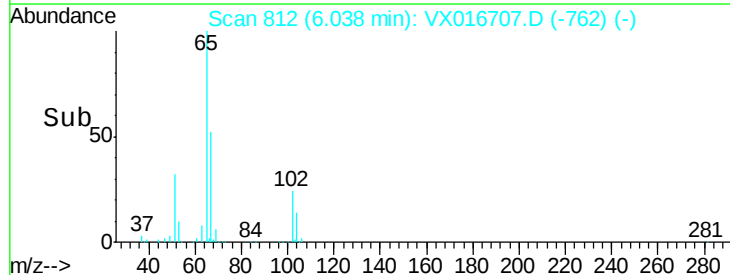
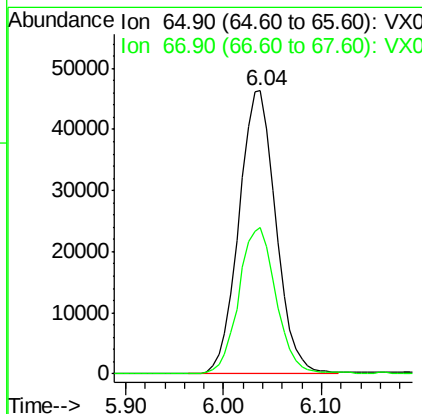
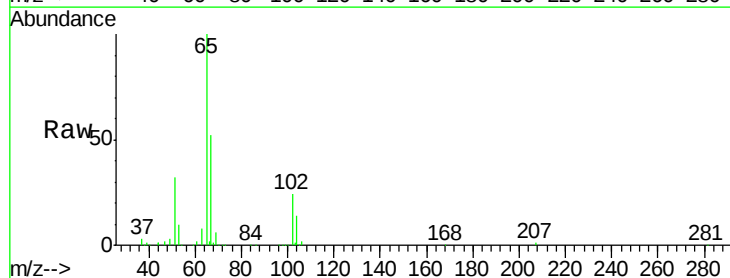
Tot Ion	96	Resp	4210
Ion	Ratio	Lower	Upper
96	100		
61	123.6	0.0	284.6
98	63.1	0.0	127.2

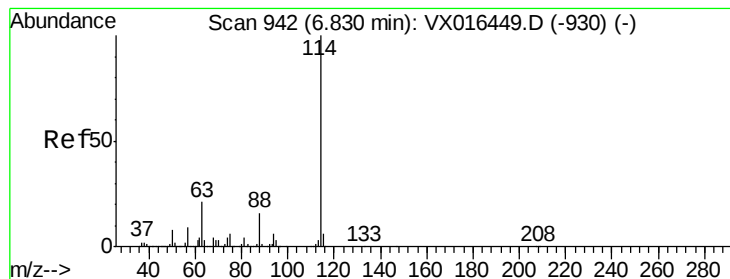


#33

1,2-Dichloroethane-d4
 Concen: 48.195 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016707.D
 Acq: 11 Jun 2020 16:20

Tgt Ion	65	Resp	121894
Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VX016707.D

Acq: 11 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

LF014MW028-200608

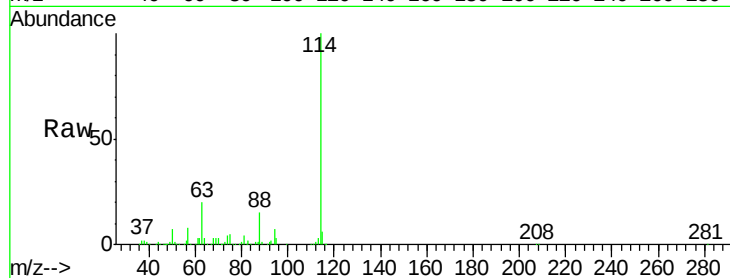
Tot Ion:114 Resp: 323851

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

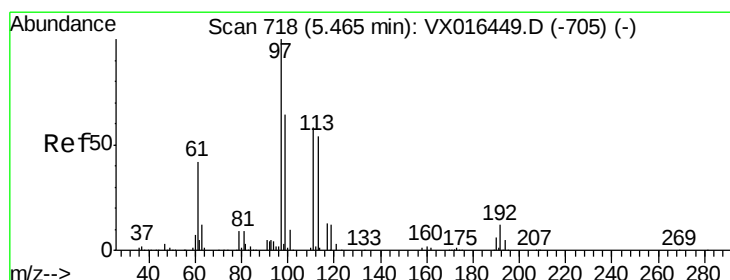
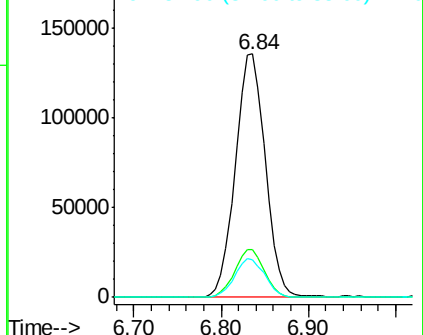
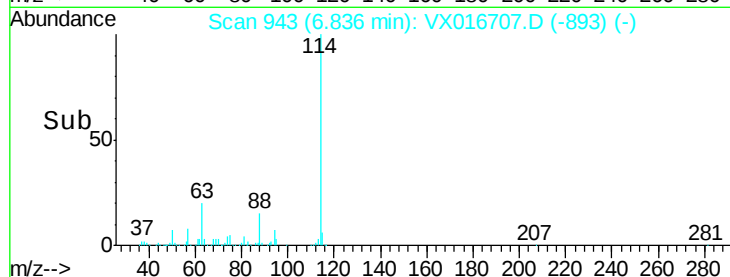
88 15.2 0.0 32.8



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: 50.348 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016707.D

Acq: 11 Jun 2020 16:20

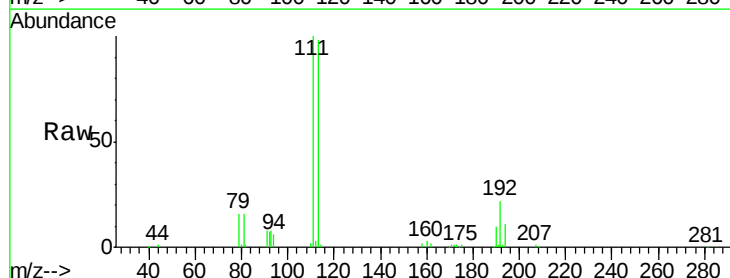
Tgt Ion:113 Resp: 100399

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

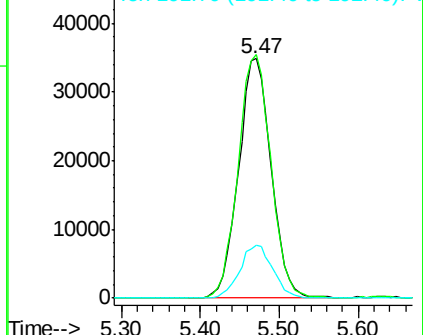
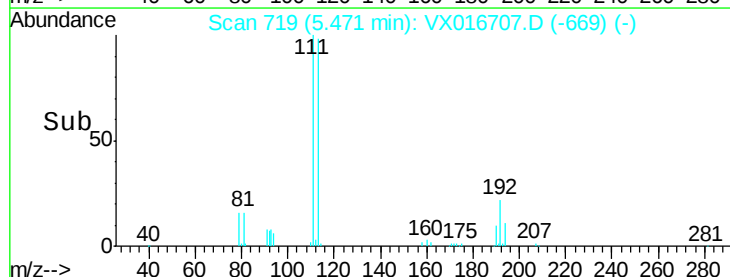
192 22.2 17.7 26.5

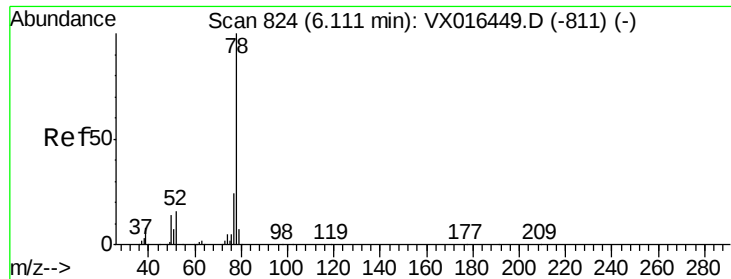


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.742 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016707.D

Acq: 11 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

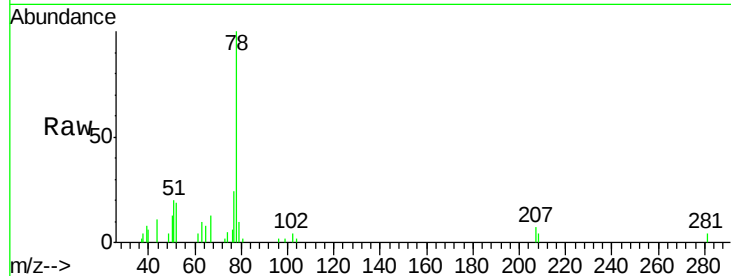
LF014MW028-200608

Tot Ion: 78 Resp: 6771

Ion Ratio Lower Upper

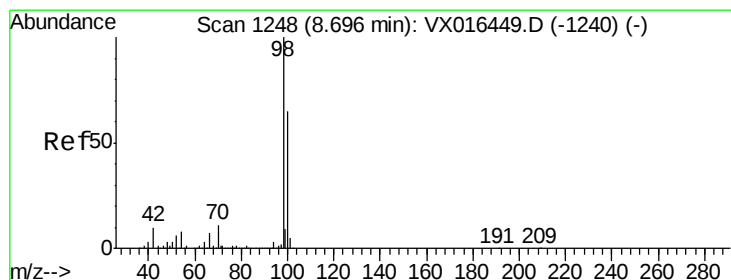
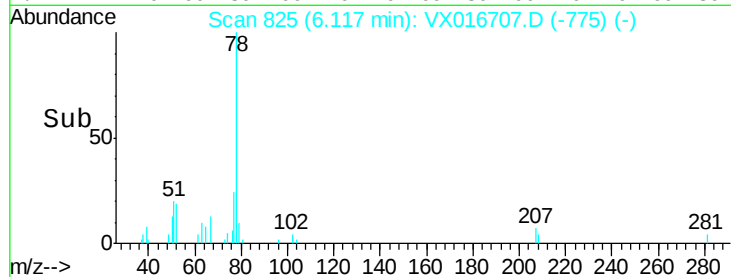
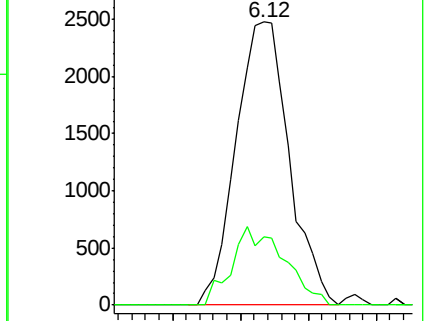
78 100

77 24.4 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.629 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016707.D

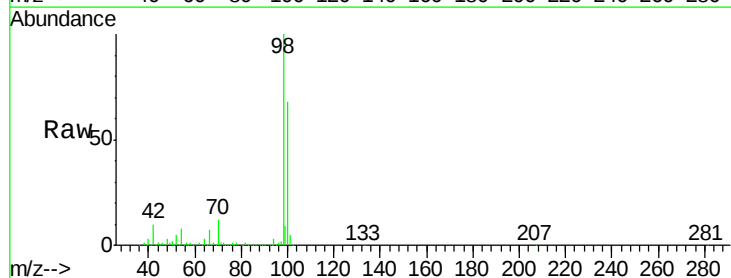
Acq: 11 Jun 2020 16:20

Tgt Ion: 98 Resp: 400720

Ion Ratio Lower Upper

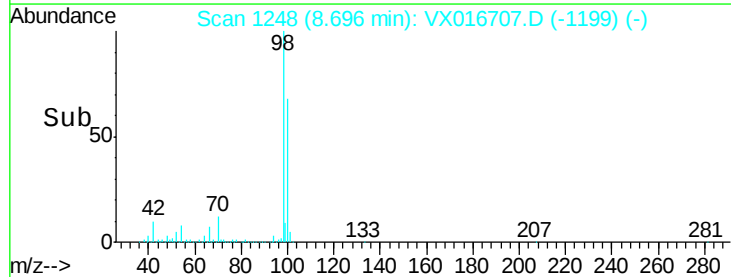
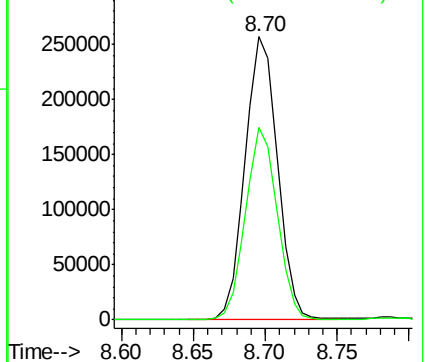
98 100

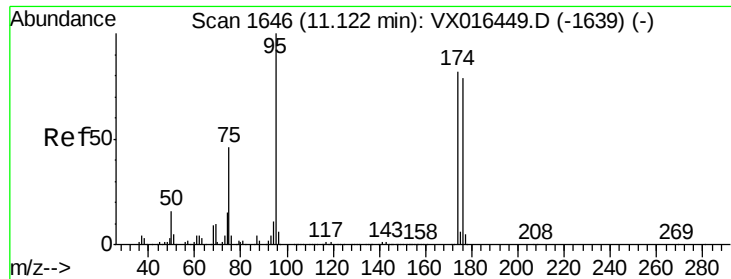
100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.362 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016707.D

Acq: 11 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

LF014MW028-200608

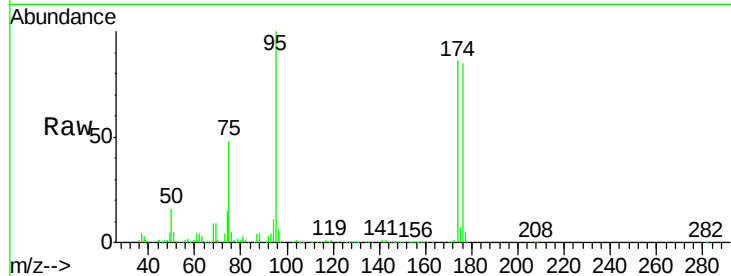
Tot Ion: 95 Resp: 160033

Ion Ratio Lower Upper

95 100

174 86.8 0.0 163.0

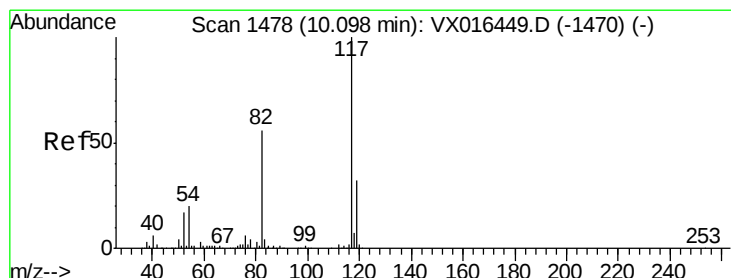
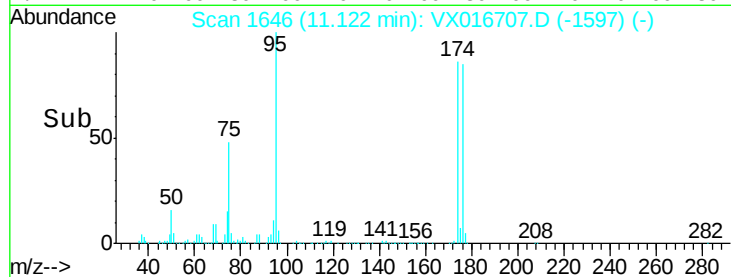
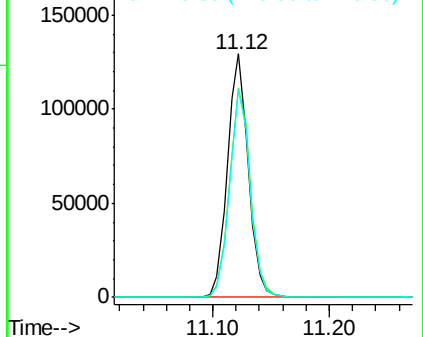
176 84.4 0.0 156.8



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: VX016707.D

Acq: 11 Jun 2020 16:20

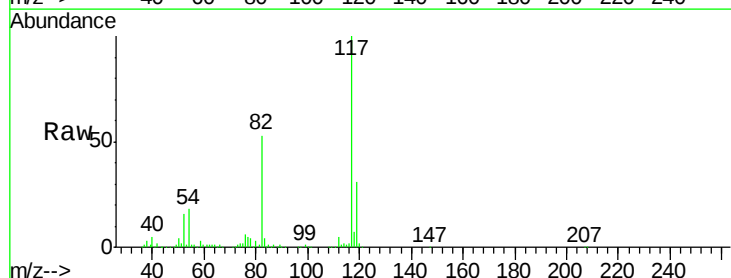
Tgt Ion: 117 Resp: 334379

Ion Ratio Lower Upper

117 100

82 53.0 45.0 67.6

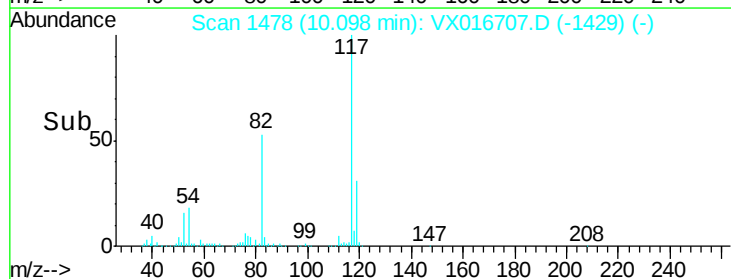
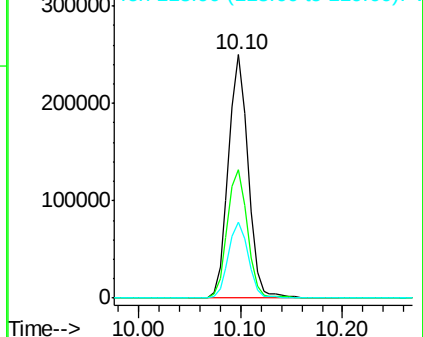
119 31.1 25.8 38.8

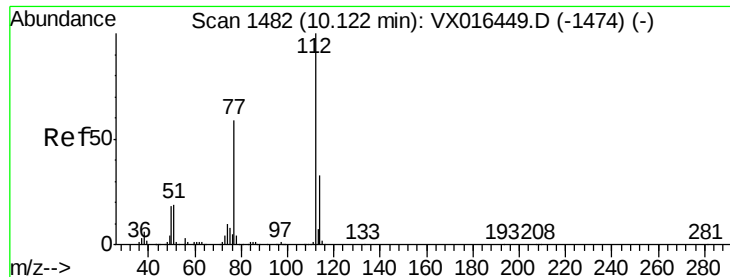


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 139.261 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016707.D

Acq: 11 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

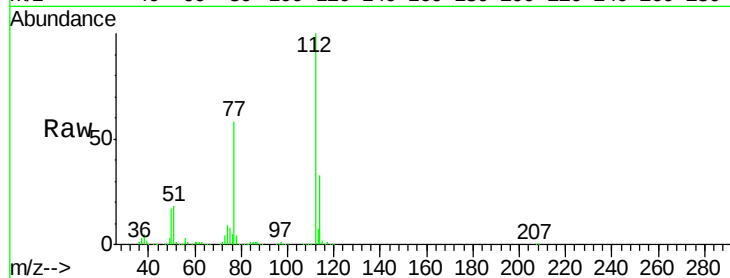
LF014MW028-200608

Tot Ion:112 Resp: 949353

Ion Ratio Lower Upper

112 100

114 33.2 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

800000

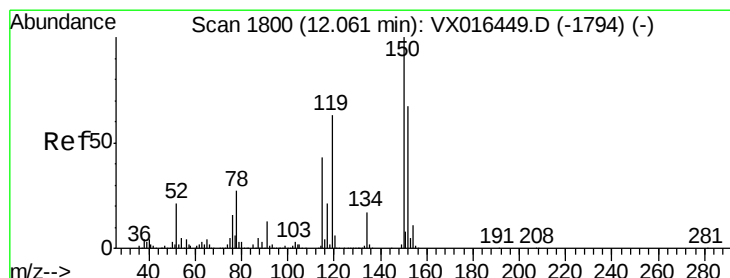
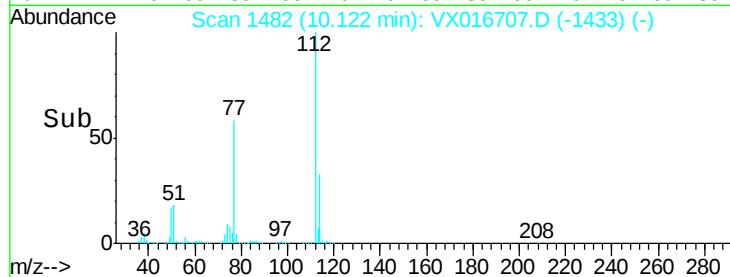
600000

400000

200000

0

Time--> 10.00 10.10 10.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016707.D

Acq: 11 Jun 2020 16:20

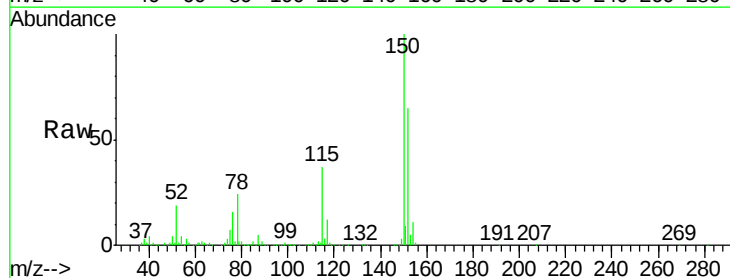
Tgt Ion:152 Resp: 170802

Ion Ratio Lower Upper

152 100

115 57.3 39.9 119.6

150 156.8 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

12.06

250000

200000

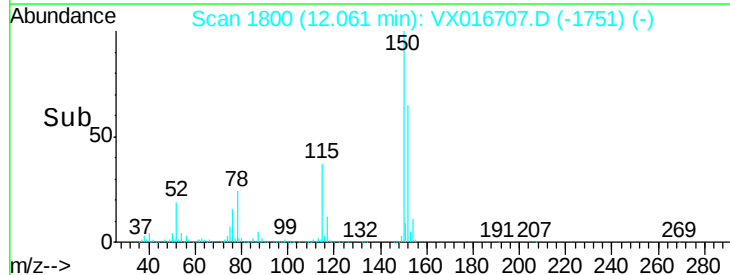
150000

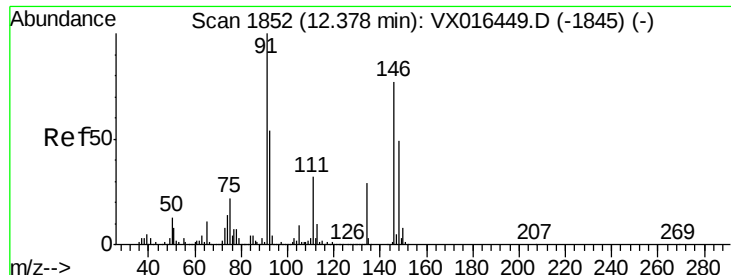
100000

50000

0

Time--> 12.00 12.10

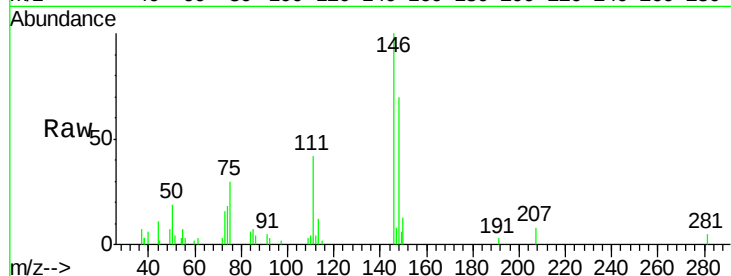




#91
 1,2-Dichlorobenzene
 Concen: 0.815 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016707.D
 Acq: 11 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW028-200608

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.3
148	70.6	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

