

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016613.D
 Acq On : 05 Jun 2020 15:55
 Operator : JC/SP
 Sample : L2894-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW042-200602

Quant Time: Jun 06 06:50:58 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

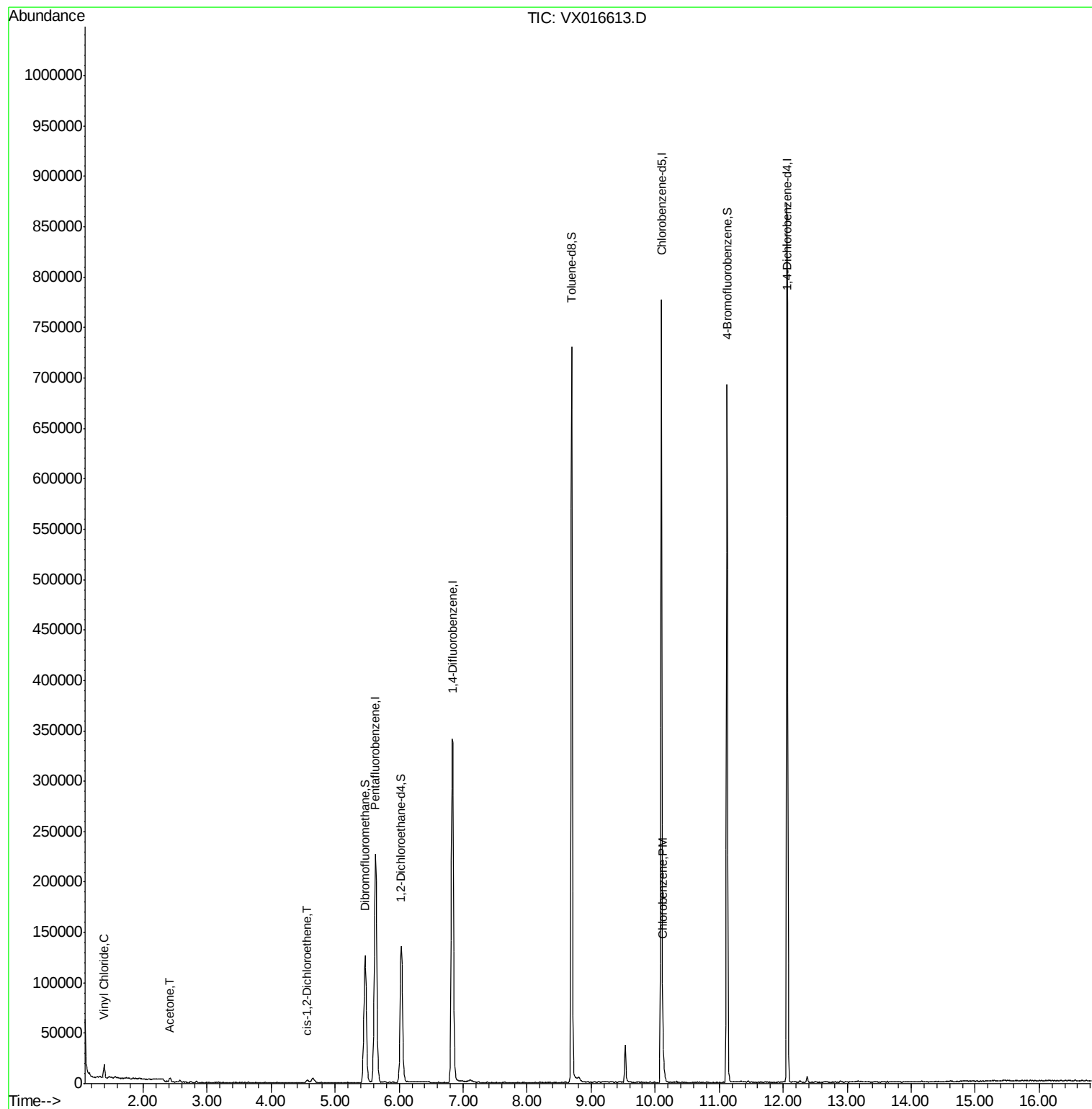
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	225234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	356200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	133677	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
35) Dibromofluoromethane	5.47	113	110049	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	8.70	98	442280	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.12	95	177644	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
Target Compounds						
4) Vinyl Chloride	1.39	62	6668	2.354	ug/l	94
16) Acetone	2.42	43	3993	3.258	ug/l #	84
27) cis-1,2-Dichloroethene	4.56	96	1715	0.618	ug/l	81
65) Chlorobenzene	10.12	112	13557	1.813	ug/l	98

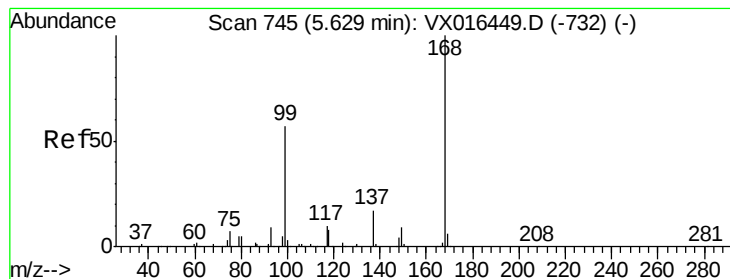
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
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: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

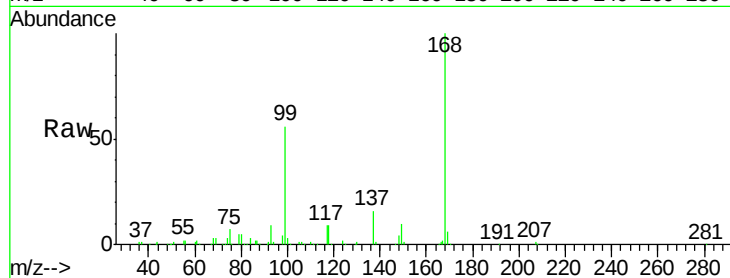
LF012RW042-200602

Tot Ion:168 Resp: 225234

Ion Ratio Lower Upper

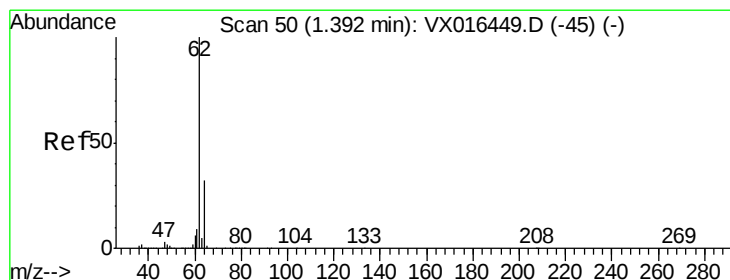
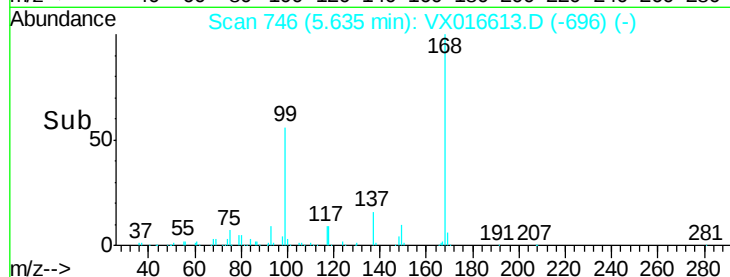
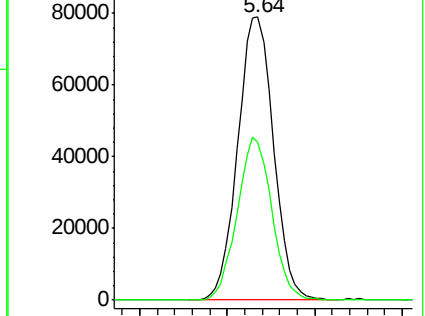
168 100

99 55.7 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: 2.354 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016613.D

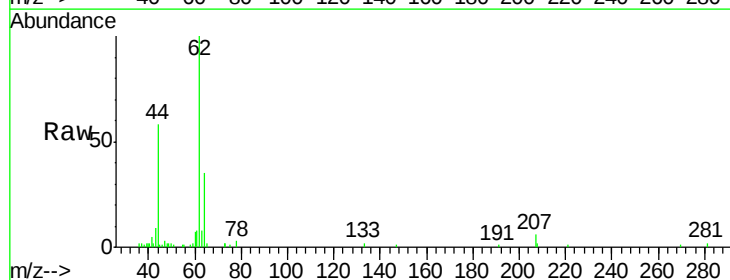
Acq: 05 Jun 2020 15:55

Tgt Ion: 62 Resp: 6668

Ion Ratio Lower Upper

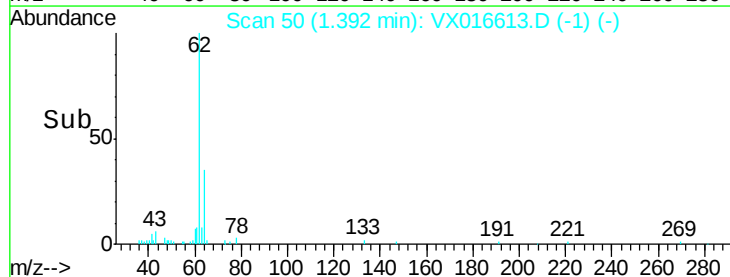
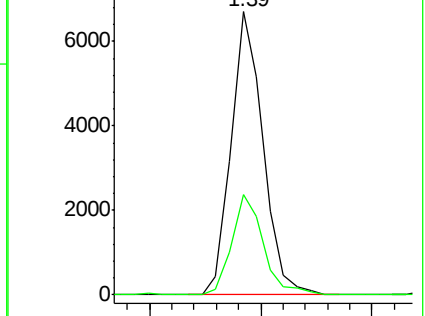
62 100

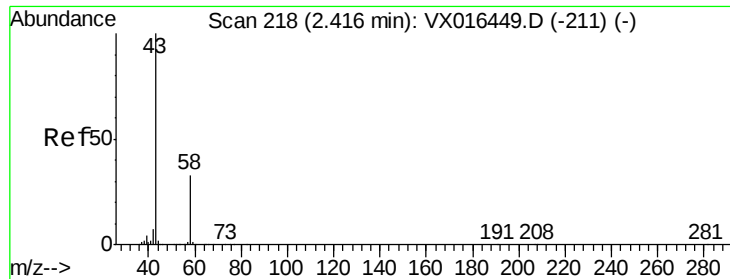
64 35.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.258 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

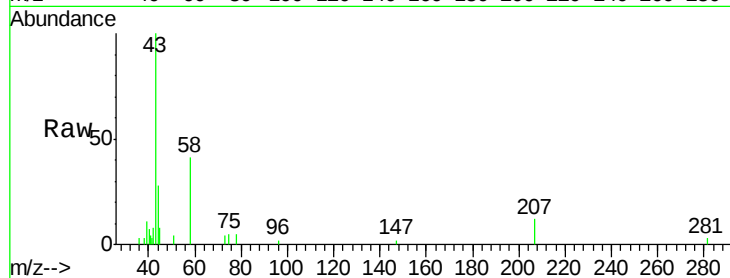
LF012RW042-200602

Tot Ion: 43 Resp: 3993

Ion Ratio Lower Upper

43 100

58 41.4 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

1500

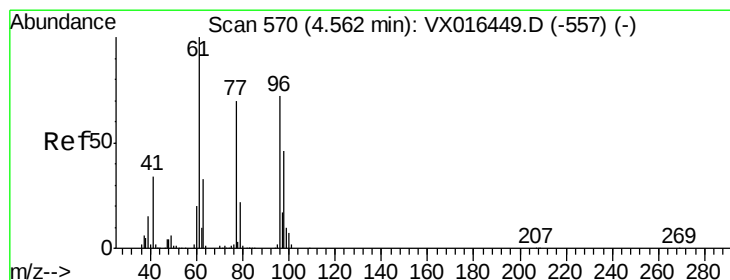
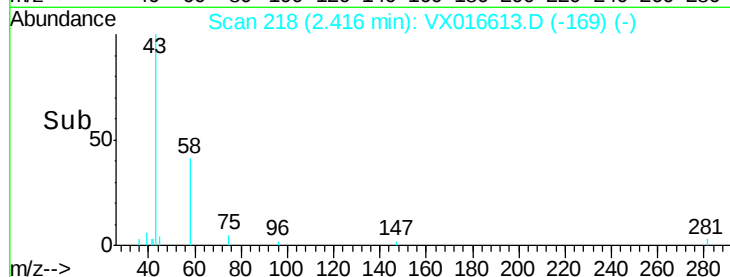
1000

500

0

2.35 2.40 2.45 2.50

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.618 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

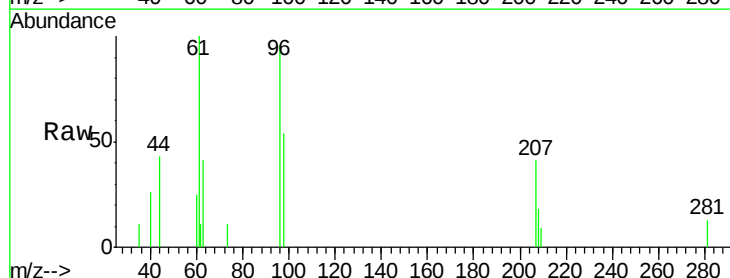
Tgt Ion: 96 Resp: 1715

Ion Ratio Lower Upper

96 100

61 114.0 0.0 284.6

98 56.9 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

800

600

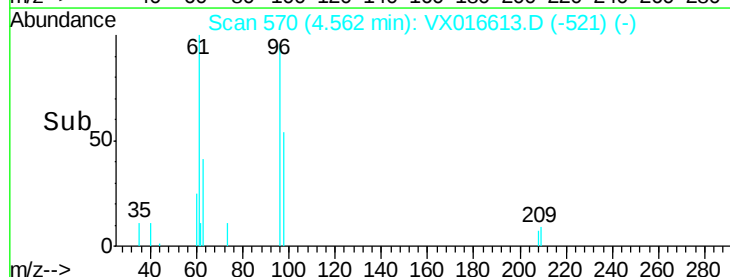
400

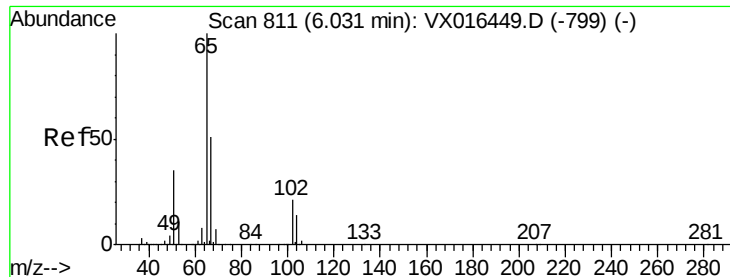
200

0

4.50 4.55 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.791 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

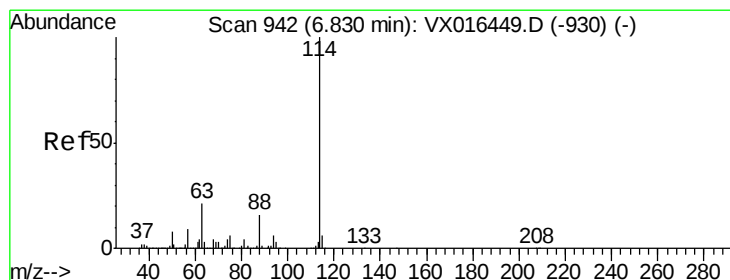
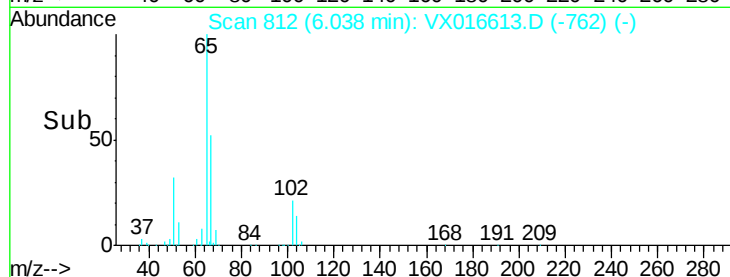
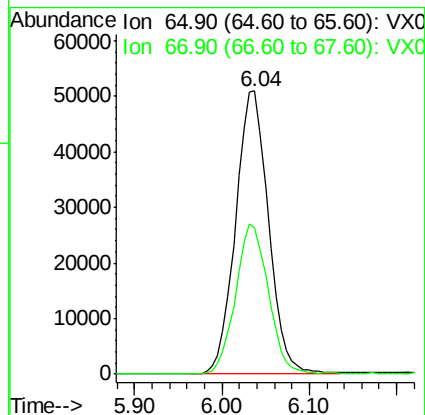
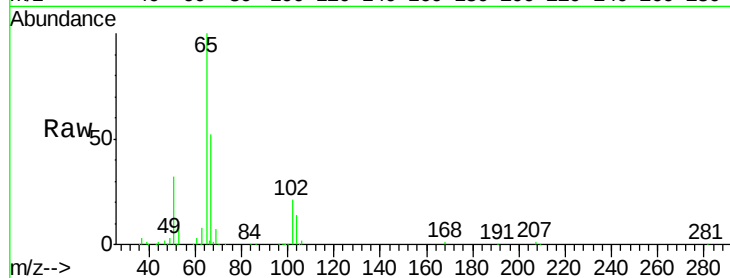
LF012RW042-200602

Tot Ion: 65 Resp: 133677

Ion Ratio Lower Upper

65 100

67 52.5 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: VX016613.D

Acq: 05 Jun 2020 15:55

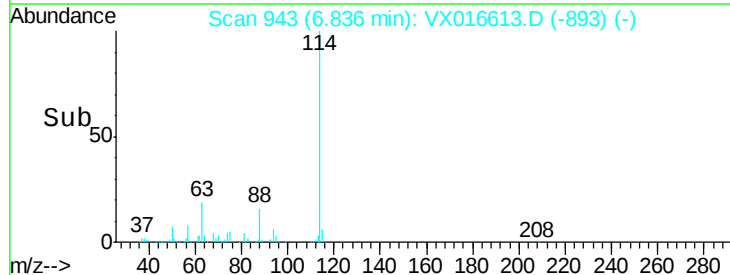
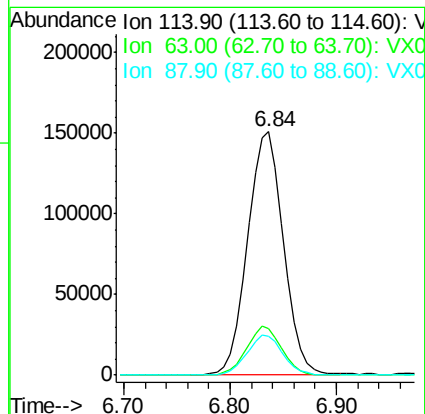
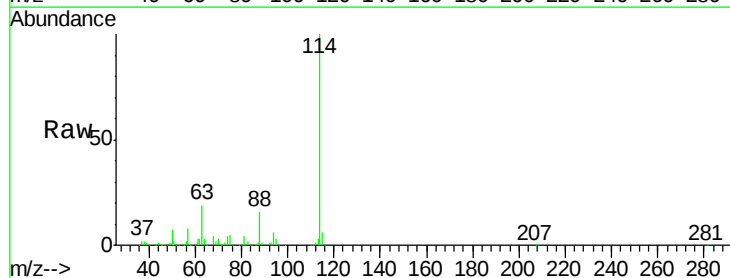
Tgt Ion: 114 Resp: 356200

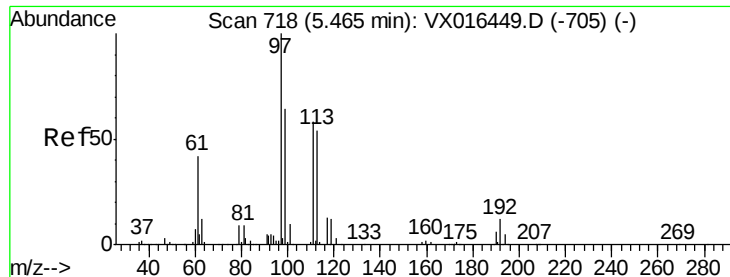
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.175 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF012RW042-200602

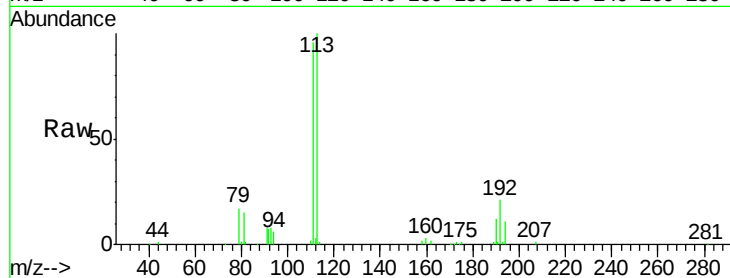
Tot Ion:113 Resp: 110049

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

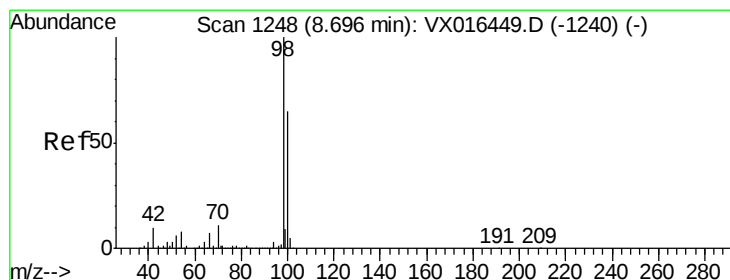
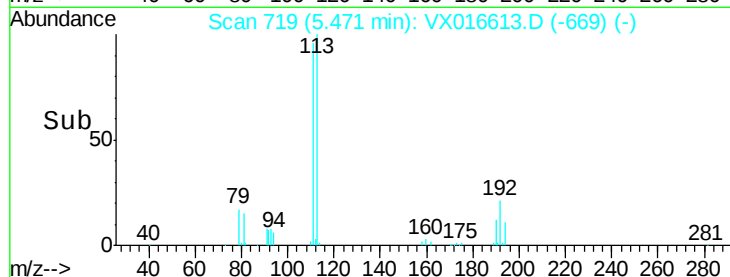
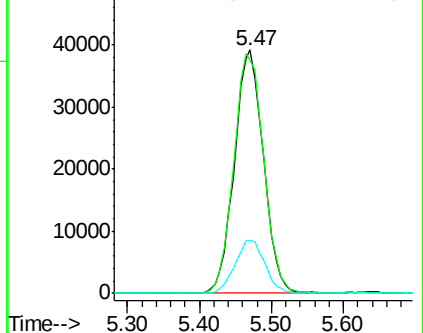
192 22.4 17.7 26.5



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



#50

Toluene-d8

Concen: 51.809 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016613.D

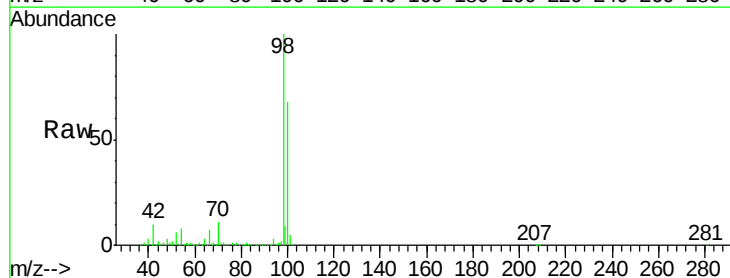
Acq: 05 Jun 2020 15:55

Tgt Ion: 98 Resp: 442280

Ion Ratio Lower Upper

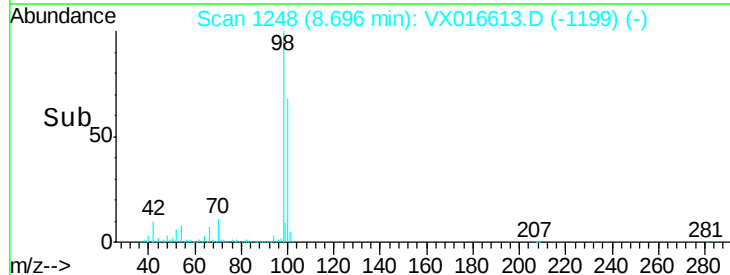
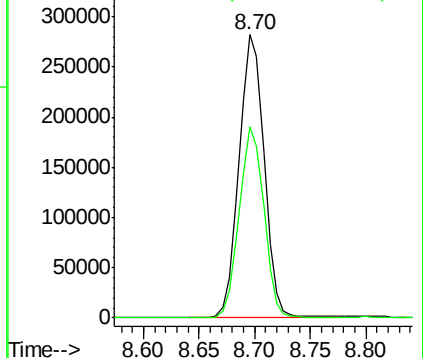
98 100

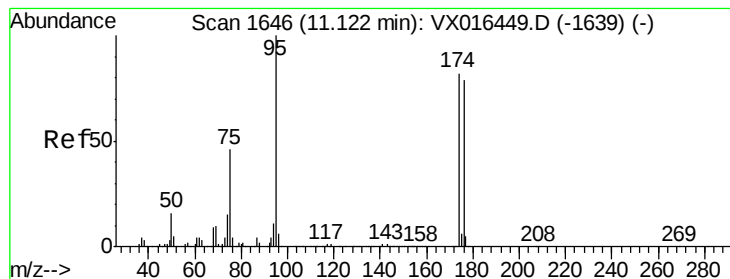
100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.855 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF012RW042-200602

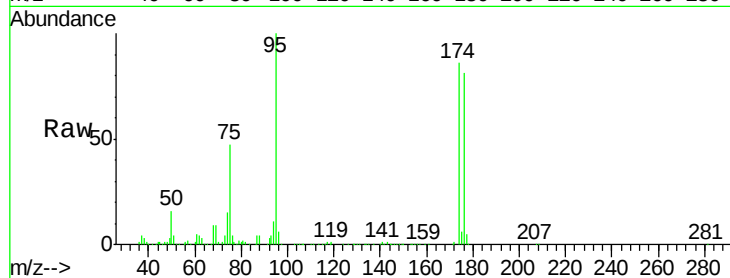
Tot Ion: 95 Resp: 177644

Ion Ratio Lower Upper

95 100

174 87.3 0.0 163.0

176 84.2 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016613.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016613.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016613.D (-1597) (-)

11.12

150000

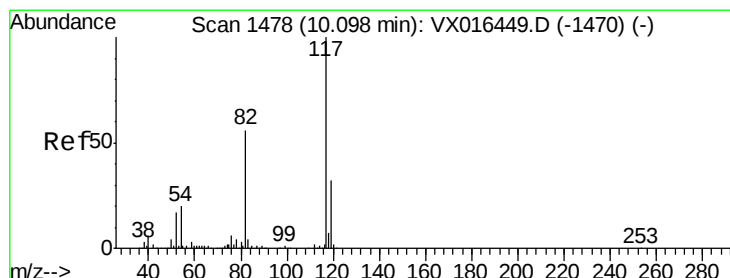
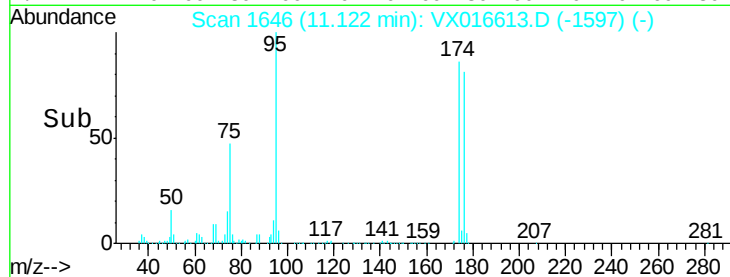
100000

50000

0

11.05 11.10 11.15 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016613.D

Acq: 05 Jun 2020 15:55

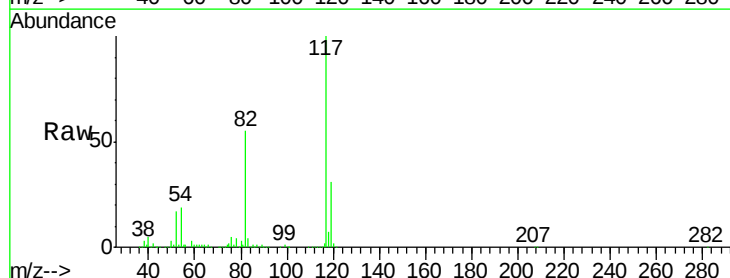
Tgt Ion: 117 Resp: 366723

Ion Ratio Lower Upper

117 100

82 54.6 45.0 67.6

119 31.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016613.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016613.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016613.D (-1429) (-)

10.10

300000

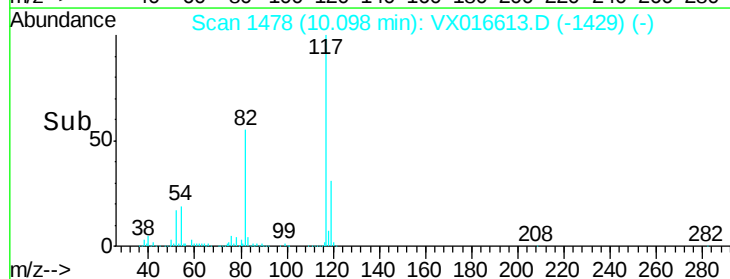
200000

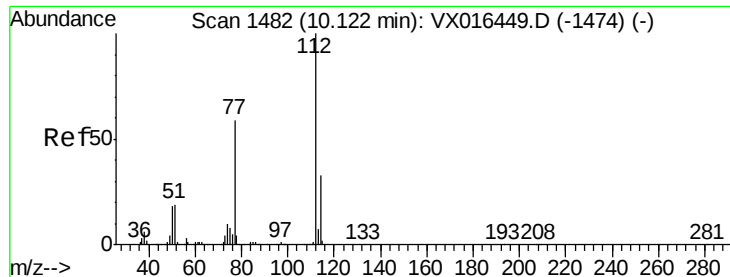
100000

0

10.00 10.10 10.20

Time-->

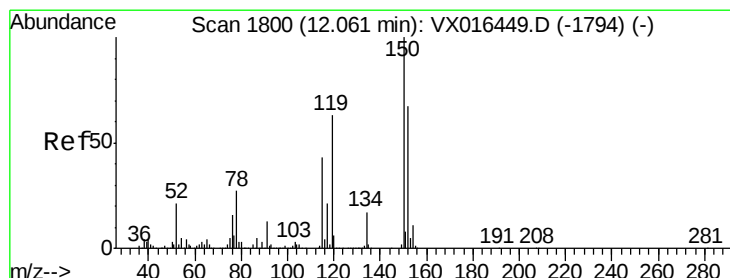
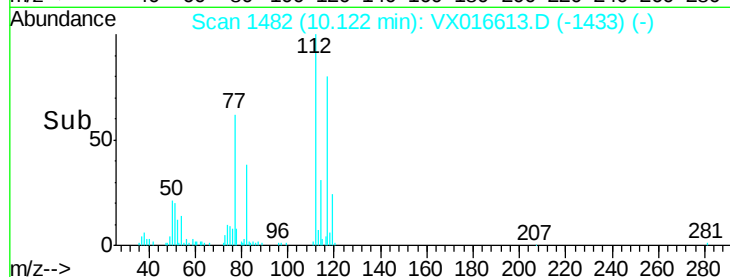
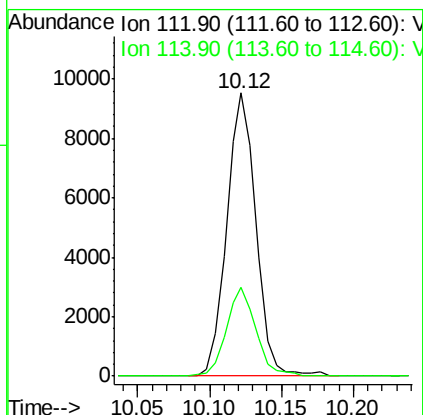
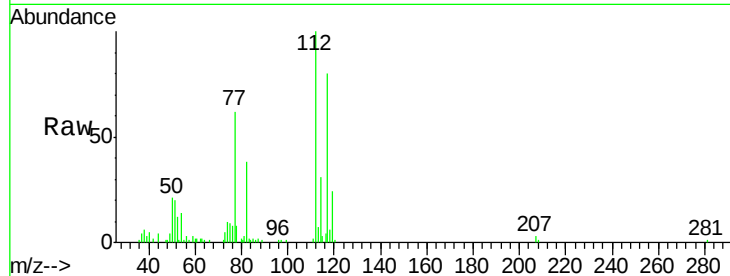




#65
Chlorobenzene
Concen: 1.813 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016613.D
Acq: 05 Jun 2020 15:55

Instrument :
MSVOA_X
ClientSampleId :
LF012RW042-200602

Tot Ion:112 Resp: 13557
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016613.D
Acq: 05 Jun 2020 15:55

Tgt Ion:152 Resp: 189321
Ion Ratio Lower Upper
152 100
115 57.4 39.9 119.6
150 153.1 0.0 341.0

