

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016634.D
 Acq On : 08 Jun 2020 13:35
 Operator : JC/SP
 Sample : L2894-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW004-200601

Quant Time: Jun 09 05:55:27 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

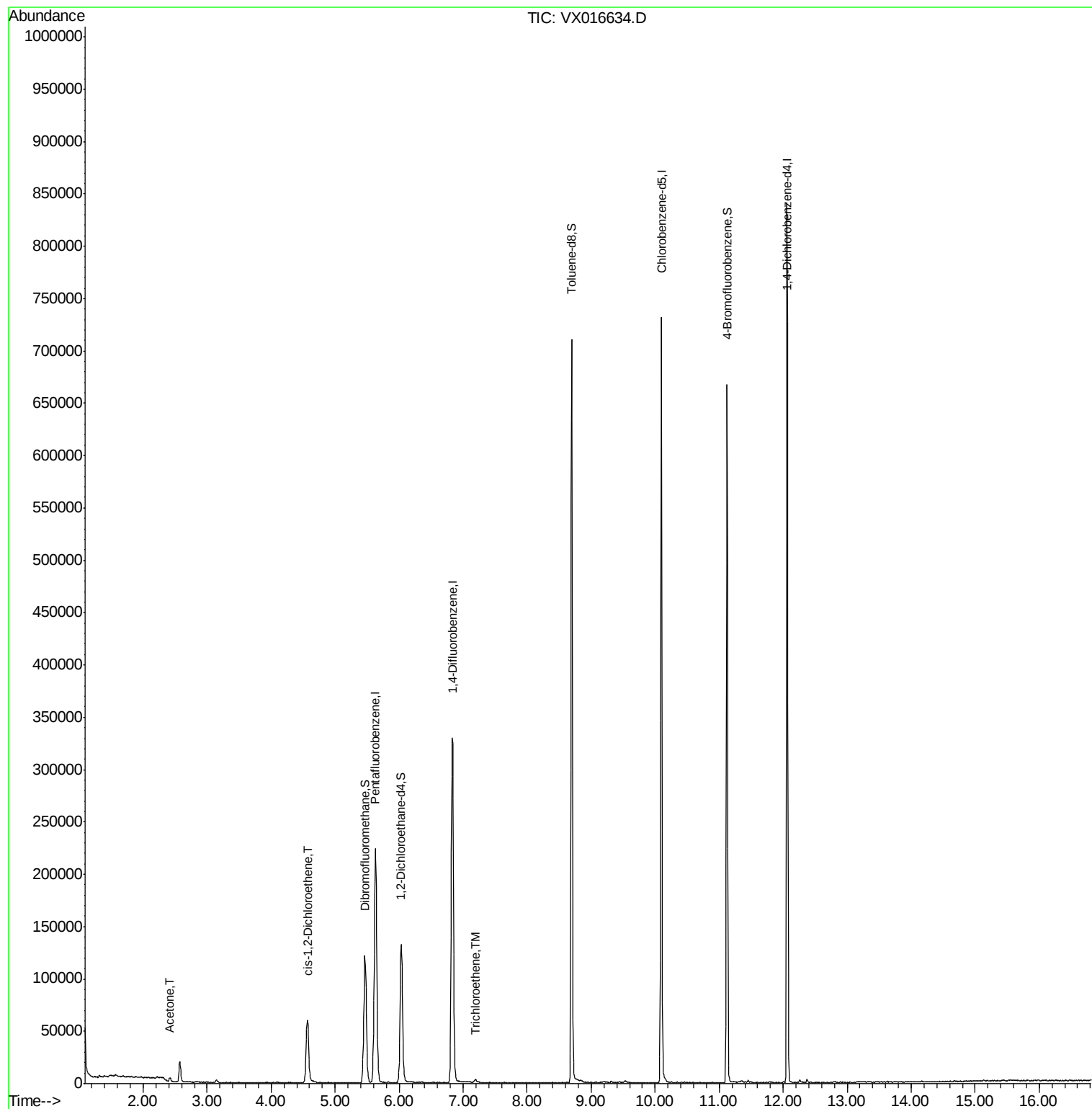
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	219540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	349208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	350112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130253	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
35) Dibromofluoromethane	5.47	113	105613	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	8.70	98	425598	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.12	95	172696	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
Target Compounds						
16) Acetone	2.42	43	4013	3.360	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	41296	15.277	ug/l	87
44) Trichloroethene	7.19	130	1105	0.354	ug/l	84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

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MSVOA_X

ClientSampleId :

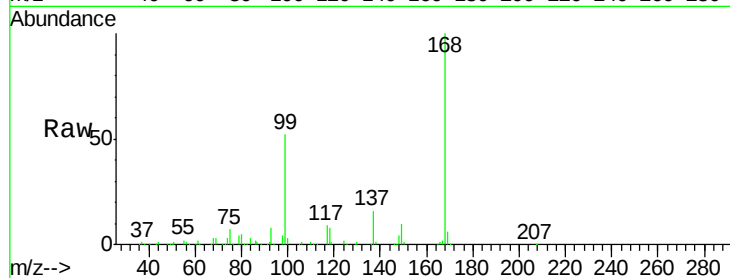
LF012MW004-200601

Tot Ion:168 Resp: 219540

Ion Ratio Lower Upper

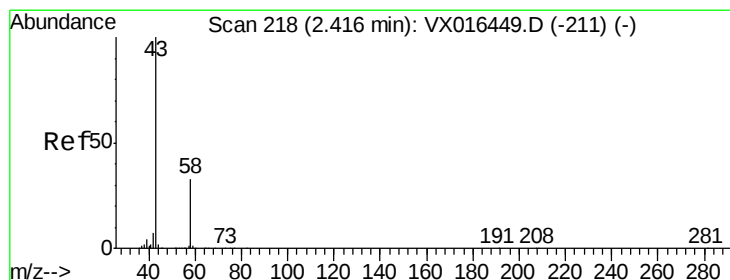
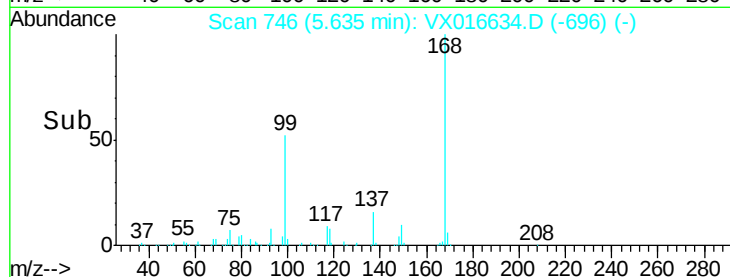
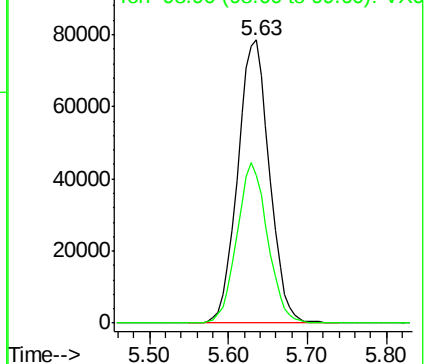
168 100

99 52.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.360 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016634.D

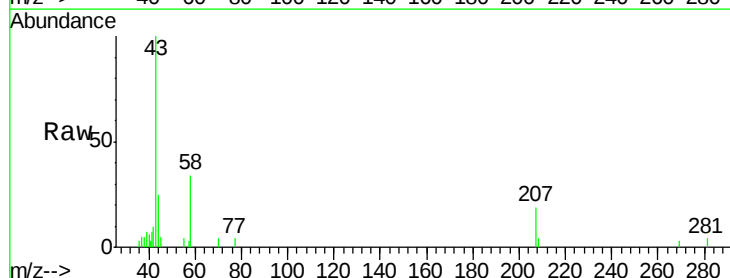
Acq: 08 Jun 2020 13:35

Tgt Ion: 43 Resp: 4013

Ion Ratio Lower Upper

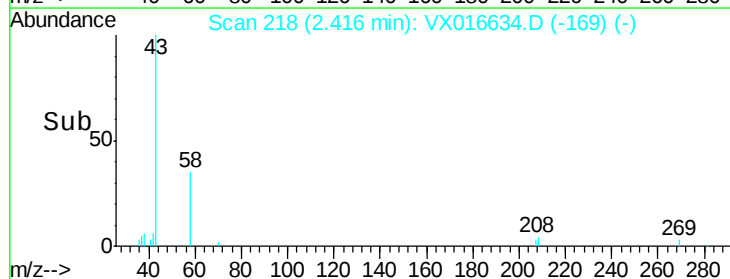
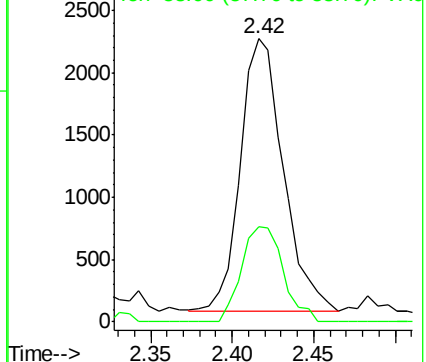
43 100

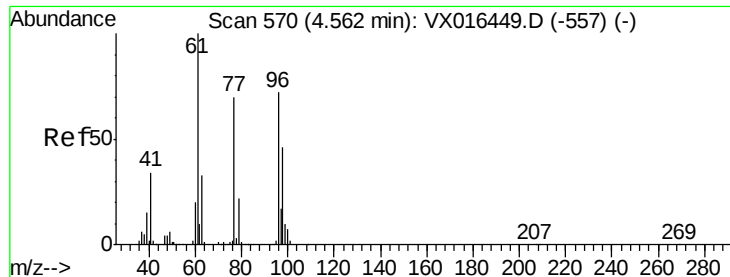
58 35.1 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



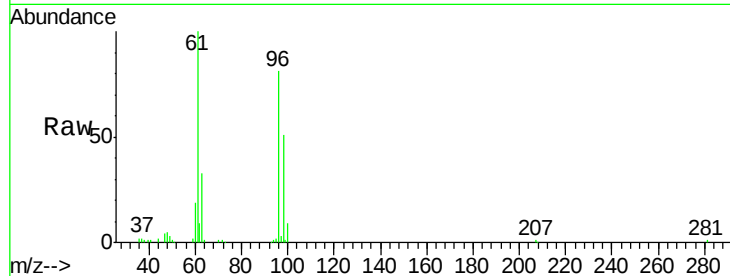


#27

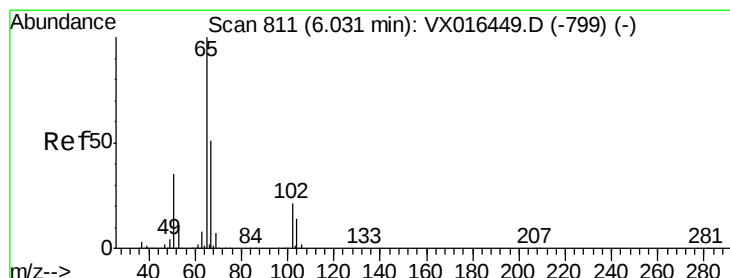
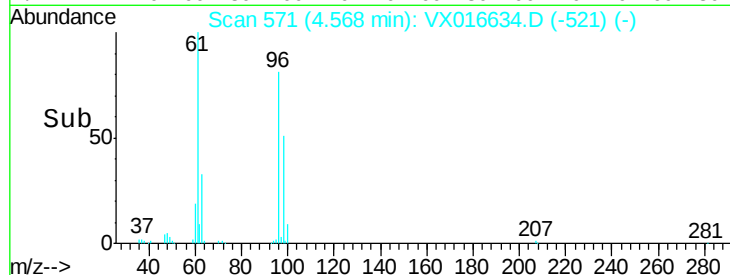
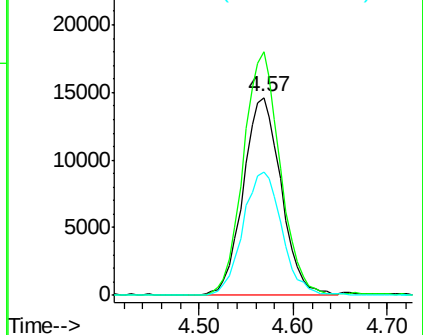
cis-1,2-Dichloroethene
 Concen: 15.277 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016634.D
 Acq: 08 Jun 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW004-200601

Tot Ion	96	Resp	41296
Ion	Ratio	Lower	Upper
96	100		
61	120.0	0.0	284.6
98	64.1	0.0	127.2



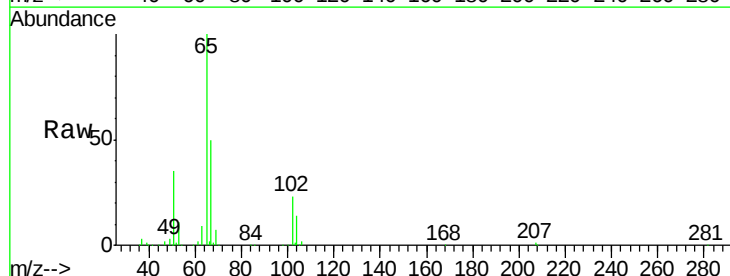
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



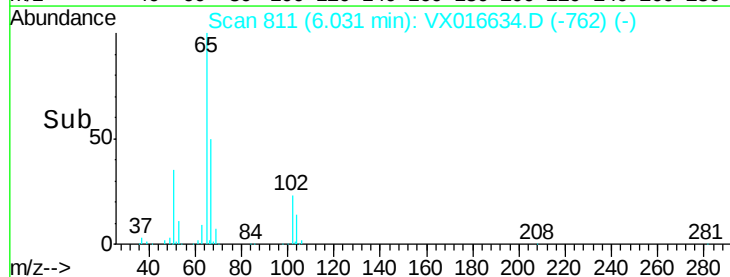
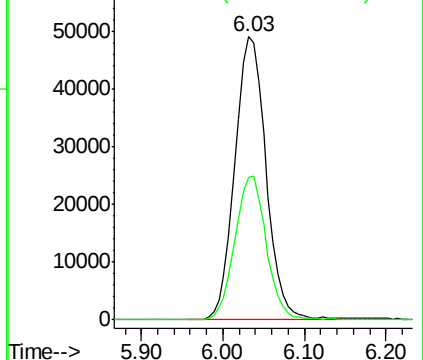
#33

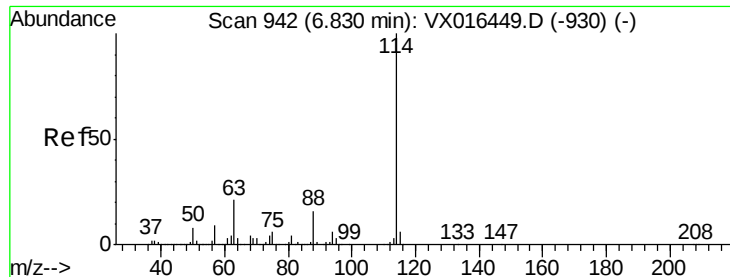
1,2-Dichloroethane-d4
 Concen: 47.775 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016634.D
 Acq: 08 Jun 2020 13:35

Tgt Ion	65	Resp	130253
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.8



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: VX016634.D

Acq: 08 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

LF012MW004-200601

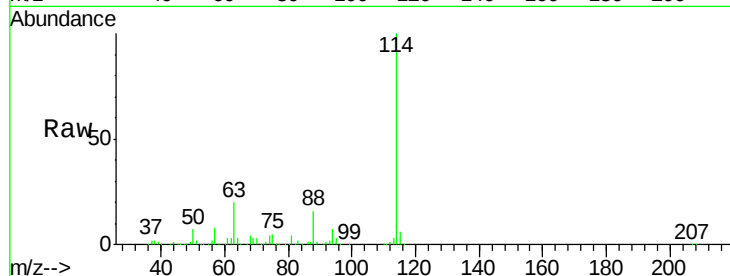
Tot Ion:114 Resp: 349208

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

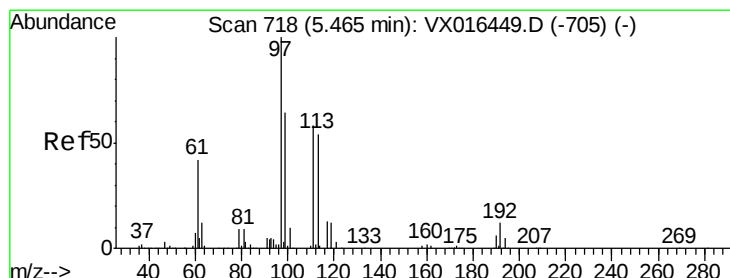
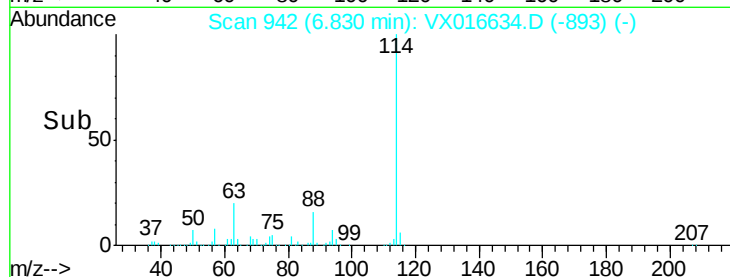
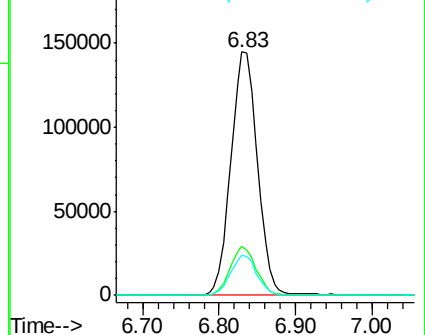
88 16.2 0.0 32.8



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: 49.117 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016634.D

Acq: 08 Jun 2020 13:35

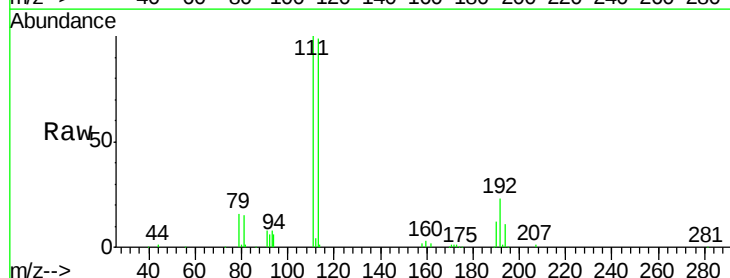
Tgt Ion:113 Resp: 105613

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

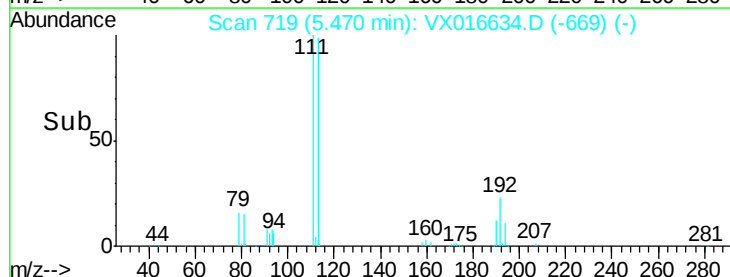
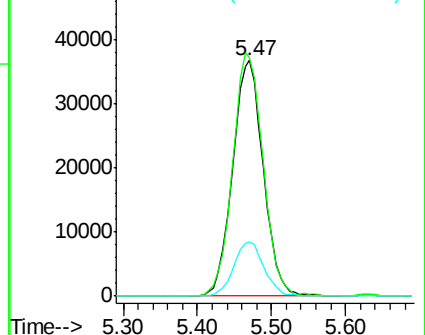
192 23.0 17.7 26.5

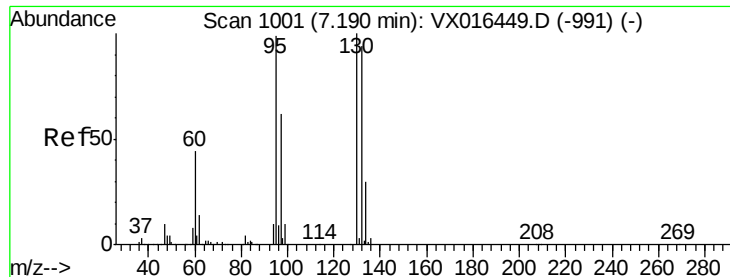


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.354 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016634.D

Acq: 08 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

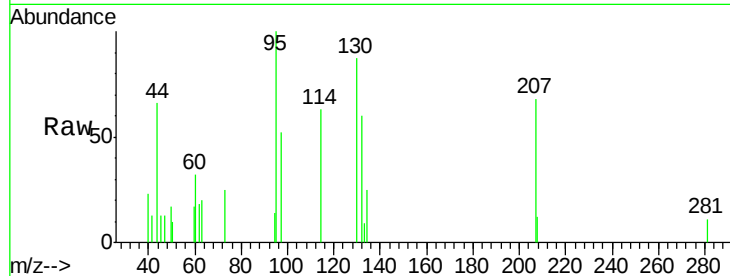
LF012MW004-200601

Tot Ion:130 Resp: 1105

Ion Ratio Lower Upper

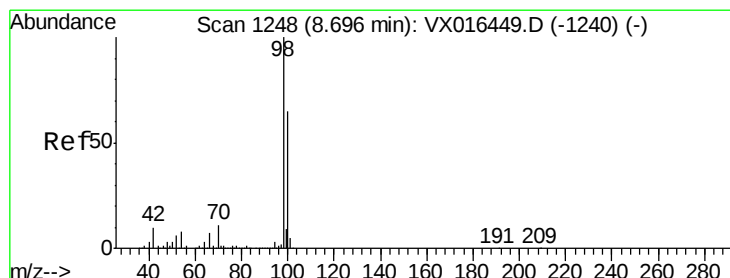
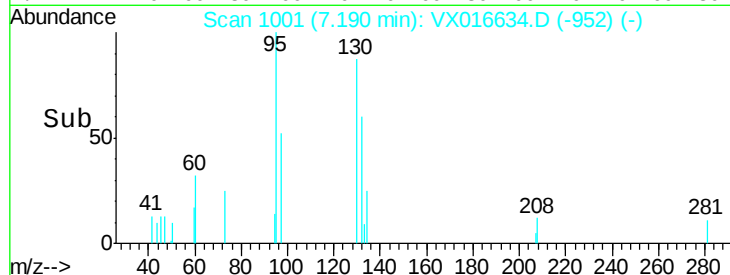
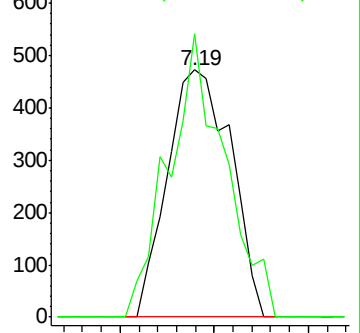
130 100

95 114.6 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: 50.853 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016634.D

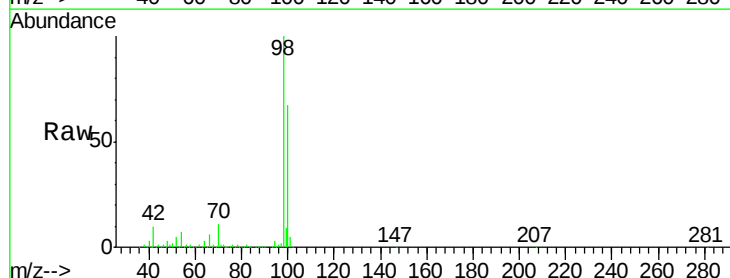
Acq: 08 Jun 2020 13:35

Tgt Ion: 98 Resp: 425598

Ion Ratio Lower Upper

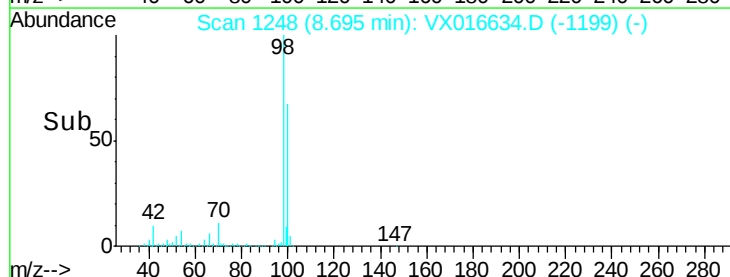
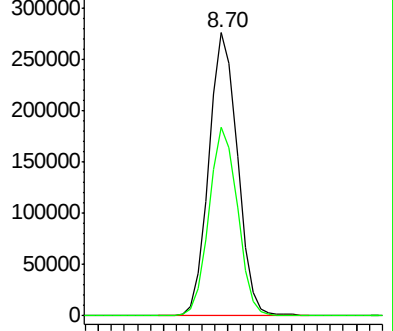
98 100

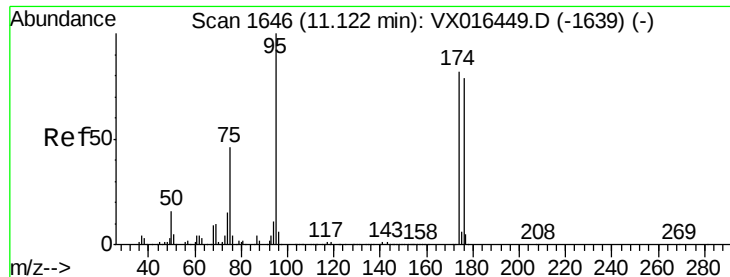
100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.403 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016634.D

Acq: 08 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

LF012MW004-200601

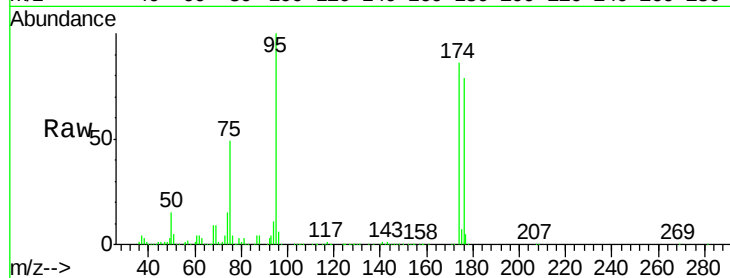
Tot Ion: 95 Resp: 172696

Ion Ratio Lower Upper

95 100

174 86.1 0.0 163.0

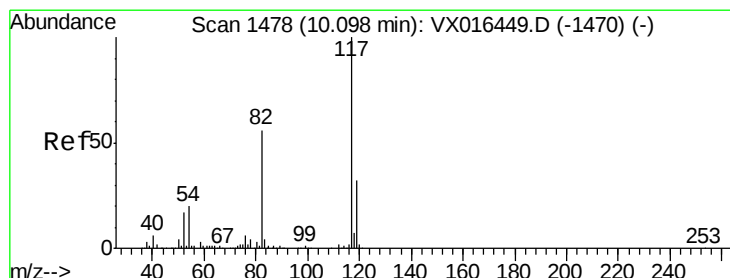
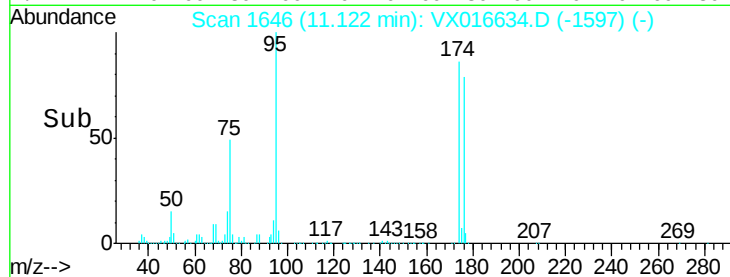
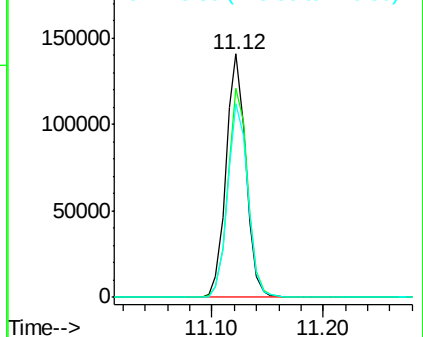
176 81.1 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016634.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016634.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016634.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016634.D

Acq: 08 Jun 2020 13:35

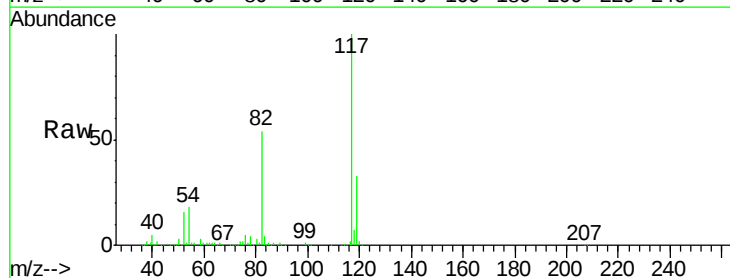
Tgt Ion: 117 Resp: 350112

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.6

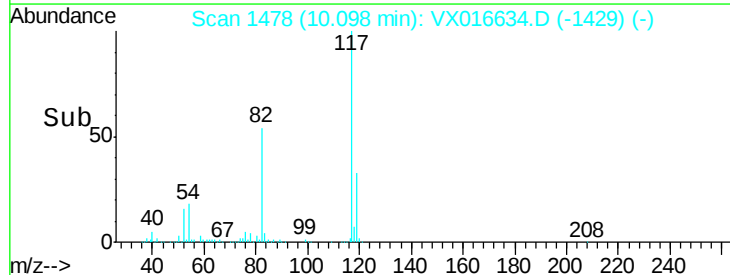
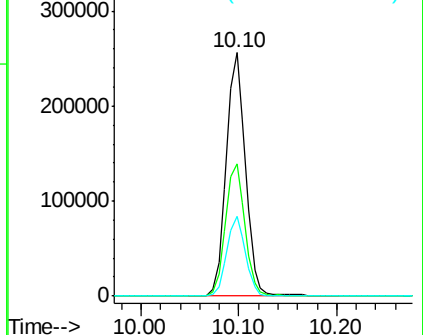
119 32.7 25.8 38.8

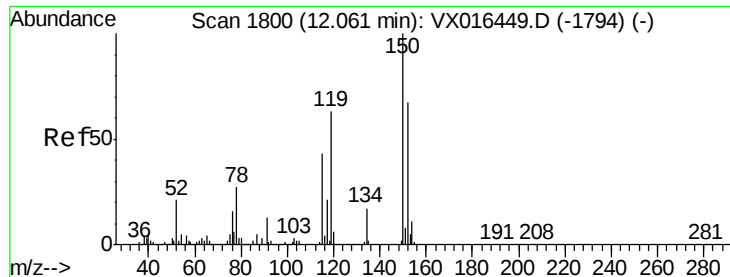


Abundance Ion 116.90 (116.60 to 117.60): VX016634.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016634.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016634.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016634.D

Acq: 08 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

LF012MW004-200601

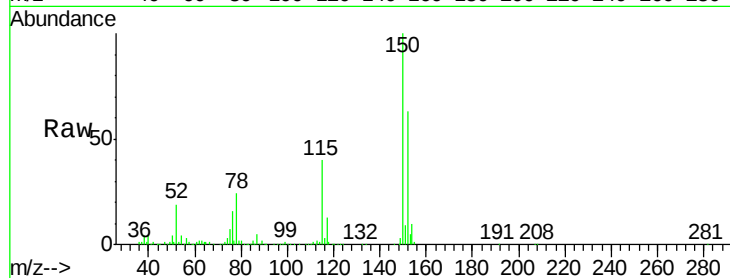
Tot Ion:152 Resp: 177906

Ion Ratio Lower Upper

152 100

115 58.9 39.9 119.6

150 155.7 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

