

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016617.D
 Acq On : 05 Jun 2020 17:25
 Operator : JC/SP
 Sample : L2894-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW004-200601

Quant Time: Jun 06 07:03:22 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

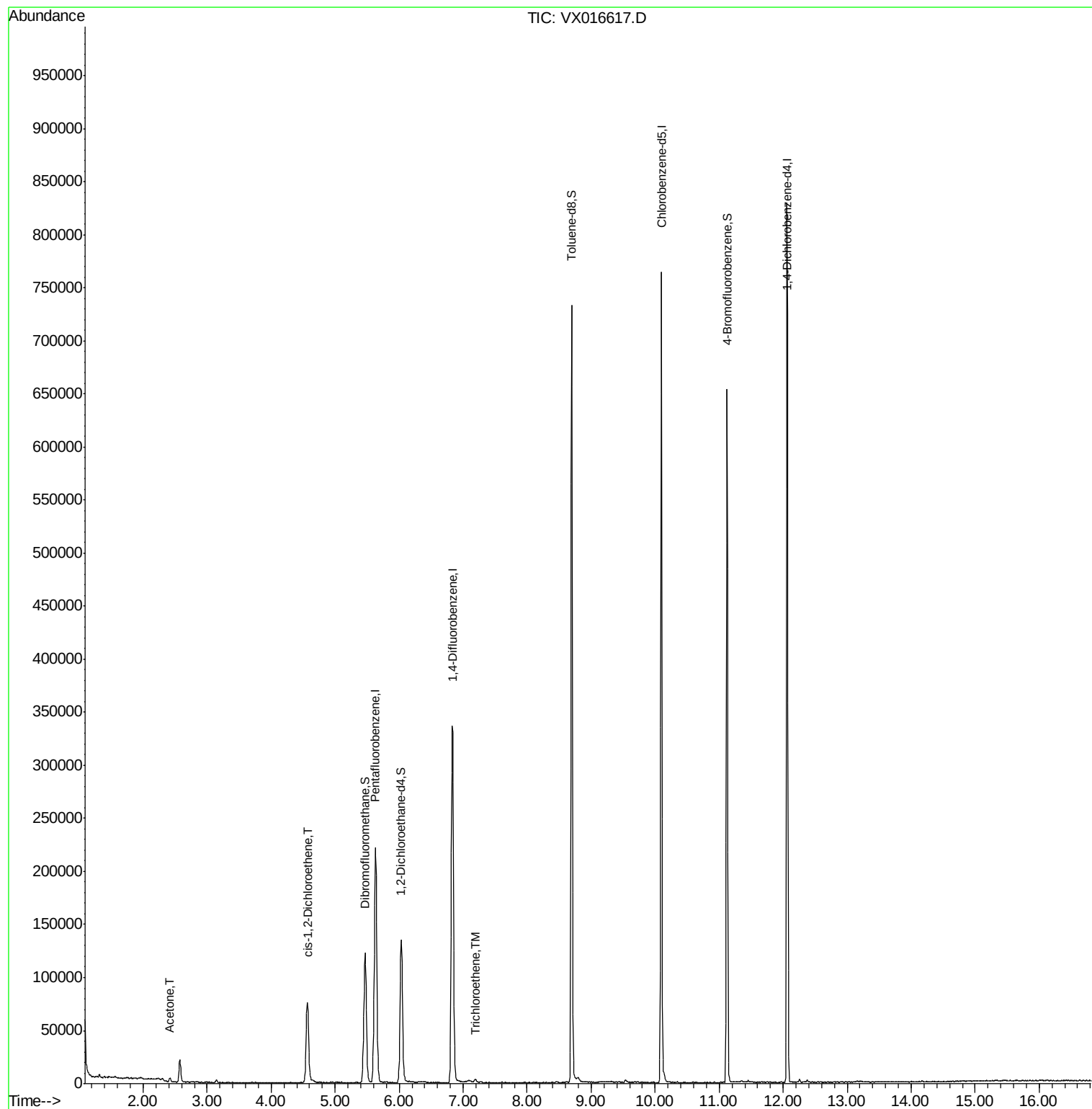
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	348150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	354187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	131003	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	5.46	113	105568	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	8.70	98	432390	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	171478	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
Target Compounds						
16) Acetone	2.42	43	4061	3.418	ug/l	91
27) cis-1,2-Dichloroethene	4.57	96	50922	18.937	ug/l	89
44) Trichloroethene	7.19	130	1241	0.398	ug/l	61

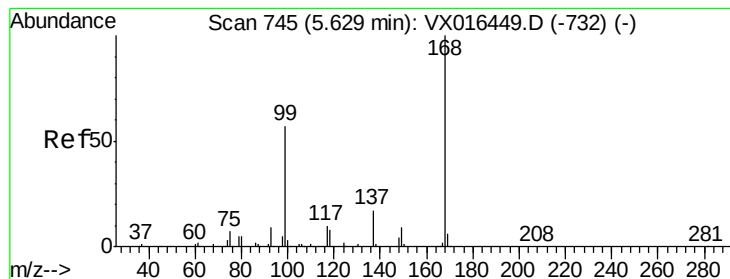
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016617.D

Acq: 05 Jun 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

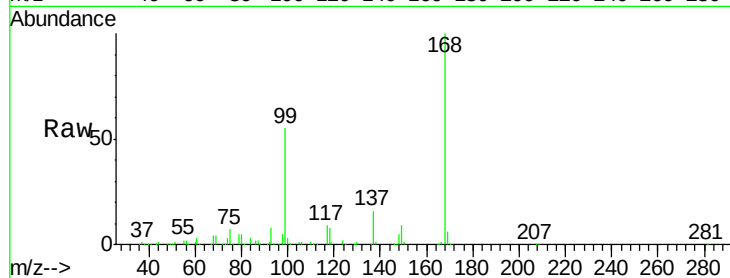
LF012MW004-200601

Tot Ion:168 Resp: 218388

Ion Ratio Lower Upper

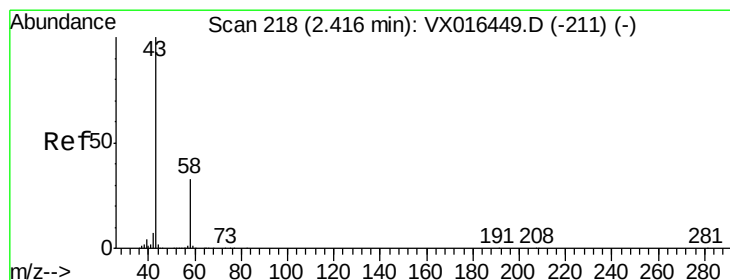
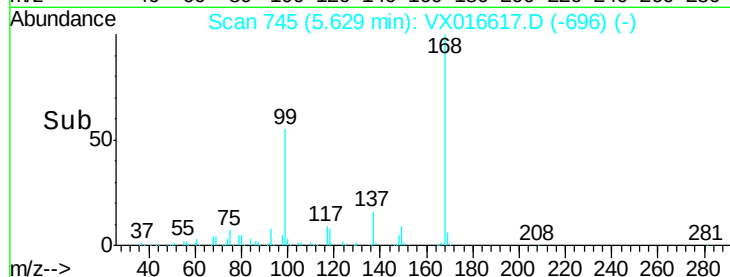
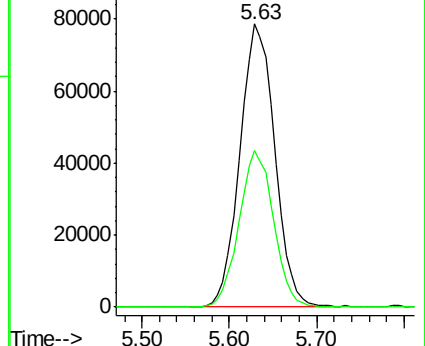
168 100

99 55.3 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: 3.418 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016617.D

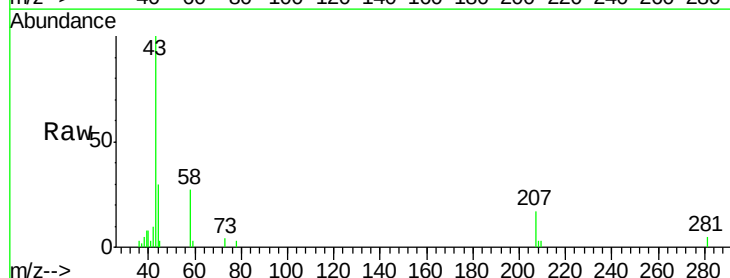
Acq: 05 Jun 2020 17:25

Tgt Ion: 43 Resp: 4061

Ion Ratio Lower Upper

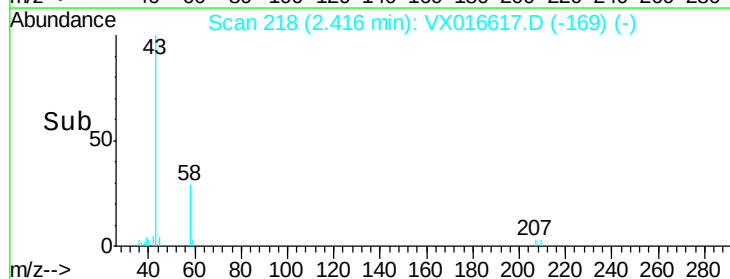
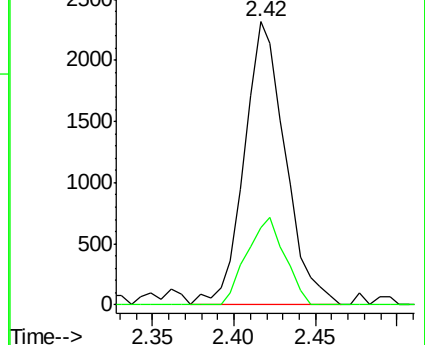
43 100

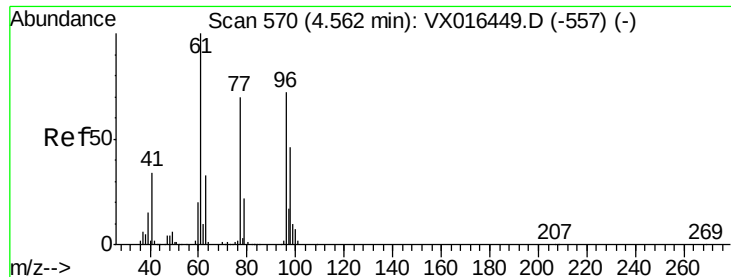
58 27.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



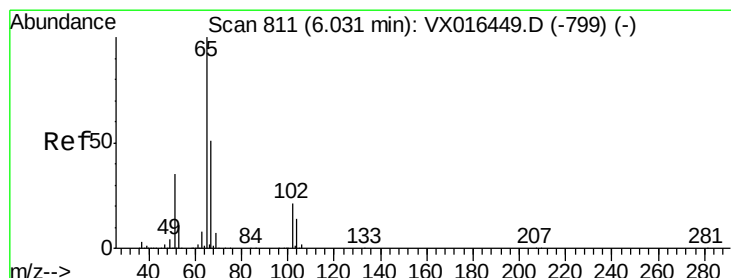
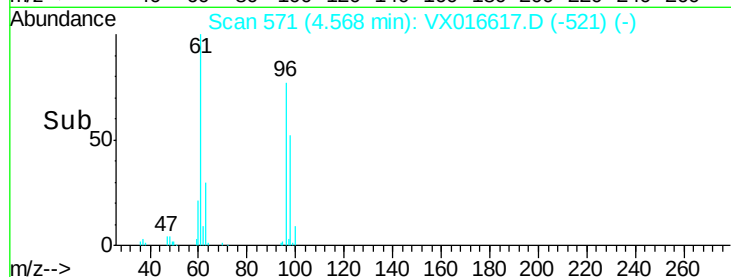
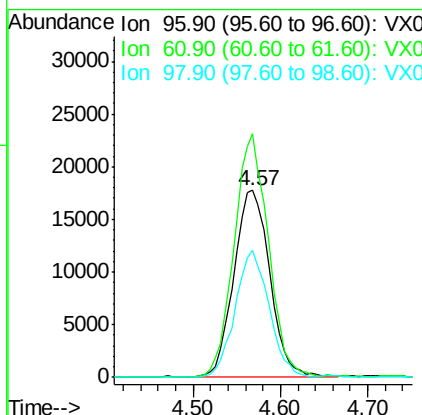
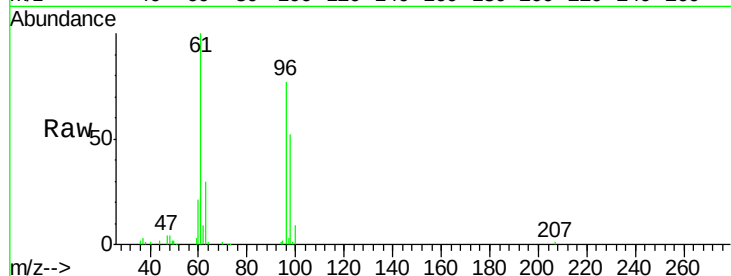


#27

cis-1,2-Dichloroethene
 Concen: 18.937 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016617.D
 Acq: 05 Jun 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW004-200601

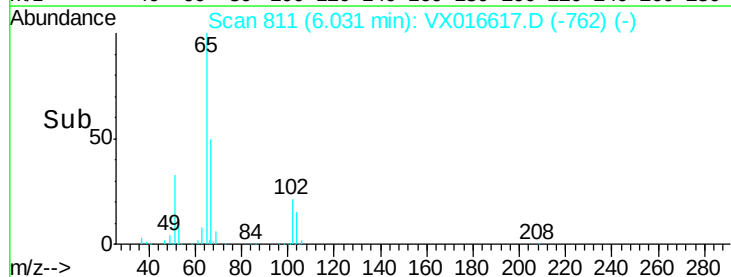
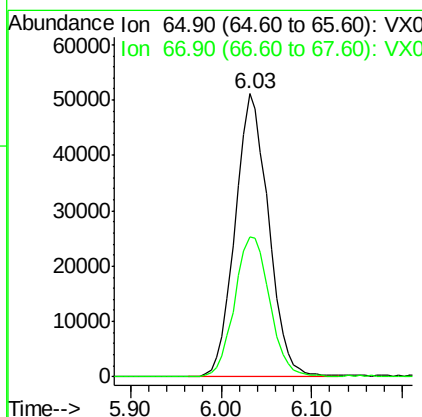
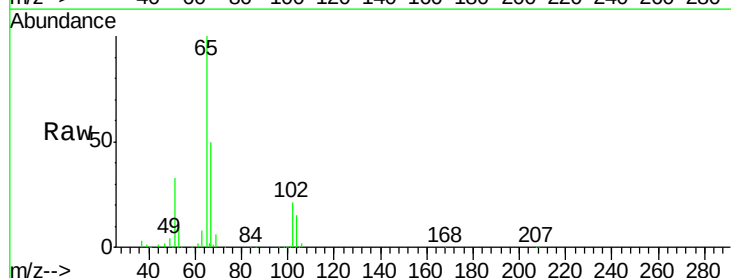
Tot Ion	96	Resp	50922
Ion	Ratio	Lower	Upper
96	100		
61	123.6	0.0	284.6
98	64.1	0.0	127.2

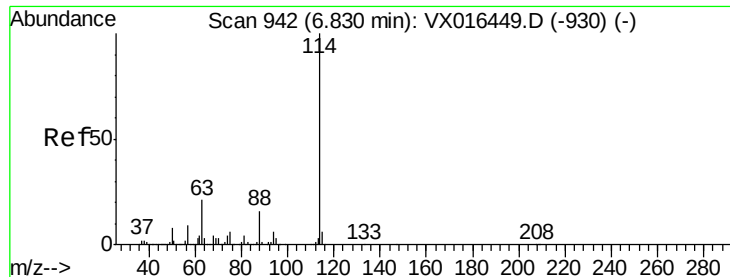


#33

1,2-Dichloroethane-d4
 Concen: 48.303 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016617.D
 Acq: 05 Jun 2020 17:25

Tgt Ion	65	Resp	131003
Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VX016617.D

Acq: 05 Jun 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

LF012MW004-200601

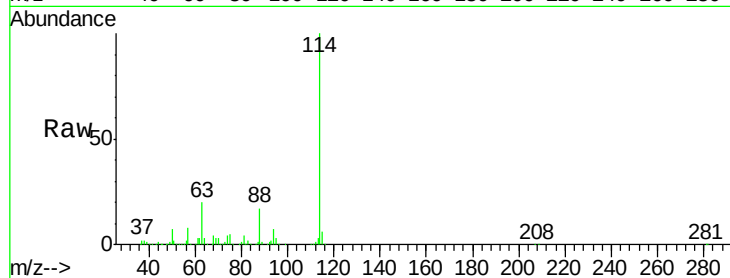
Tot Ion:114 Resp: 348150

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

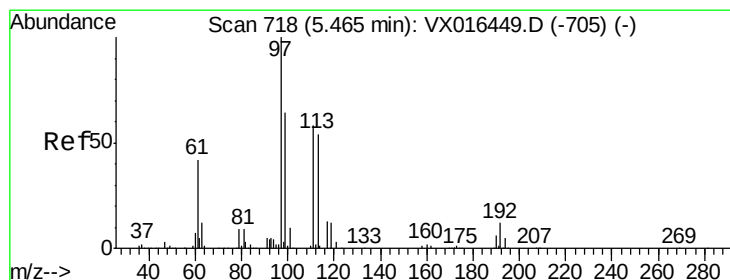
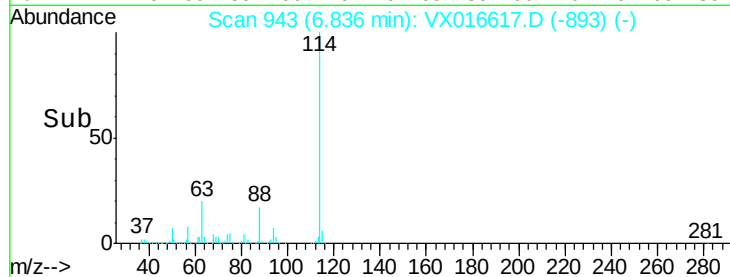
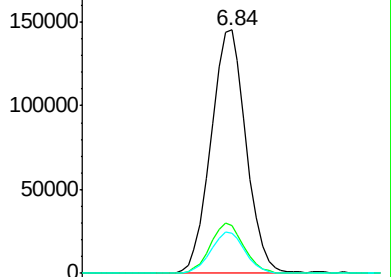
88 16.6 0.0 32.8



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: 49.245 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016617.D

Acq: 05 Jun 2020 17:25

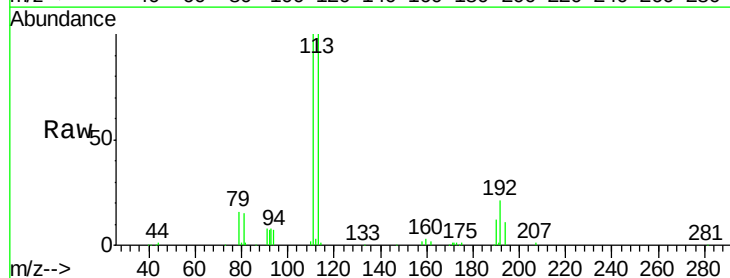
Tgt Ion:113 Resp: 105568

Ion Ratio Lower Upper

113 100

111 105.5 83.0 124.6

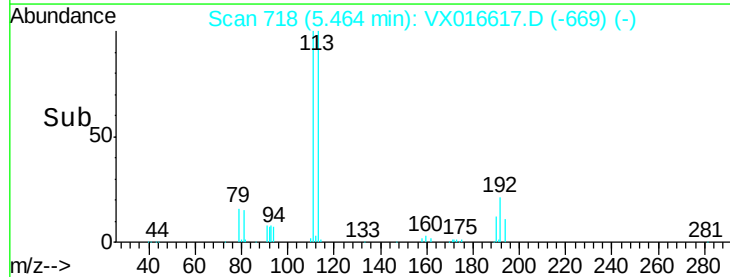
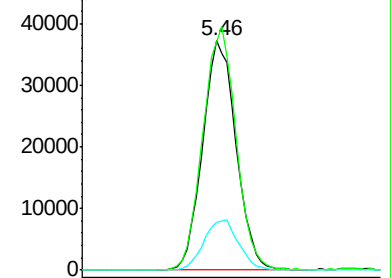
192 22.6 17.7 26.5

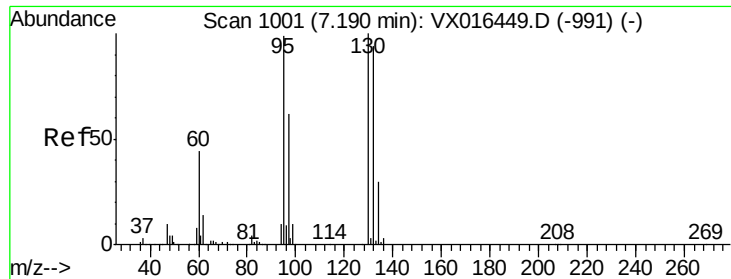


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.398 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016617.D

Acq: 05 Jun 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

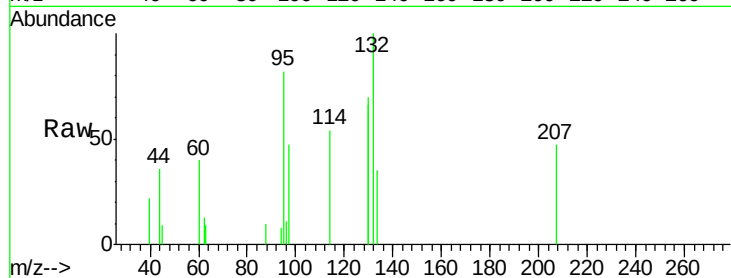
LF012MW004-200601

Tot Ion:130 Resp: 1241

Ion Ratio Lower Upper

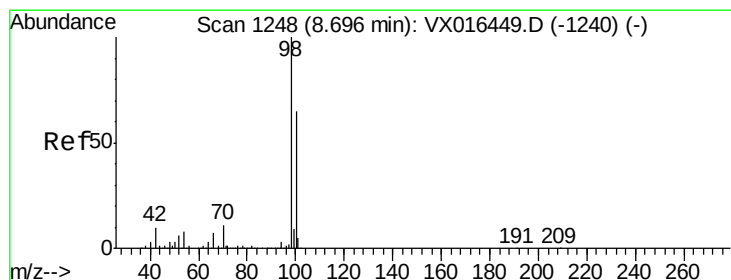
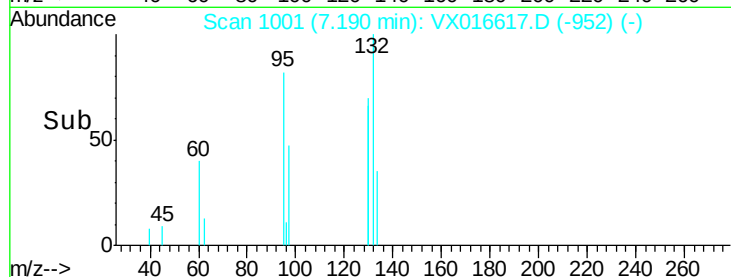
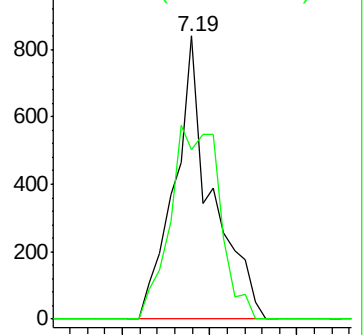
130 100

95 60.0 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: 51.822 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016617.D

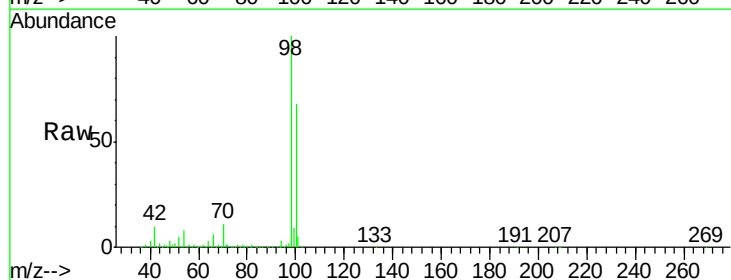
Acq: 05 Jun 2020 17:25

Tgt Ion: 98 Resp: 432390

Ion Ratio Lower Upper

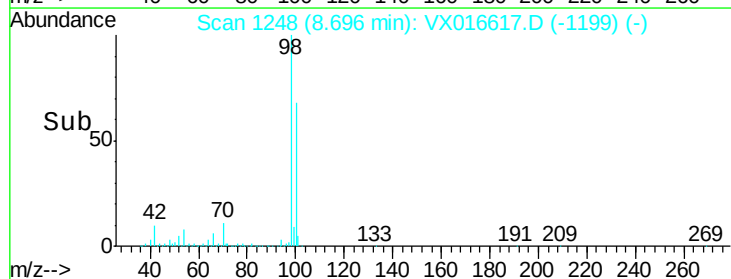
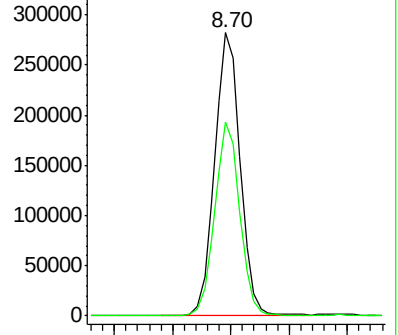
98 100

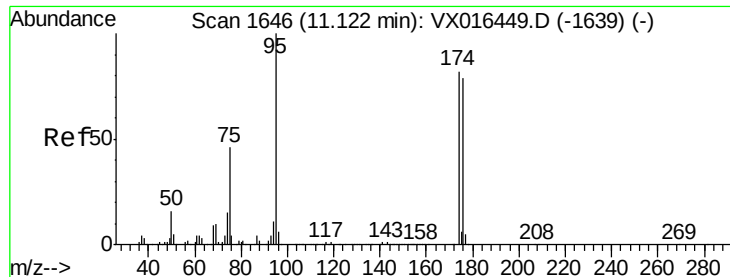
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.187 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016617.D

Acq: 05 Jun 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

LF012MW004-200601

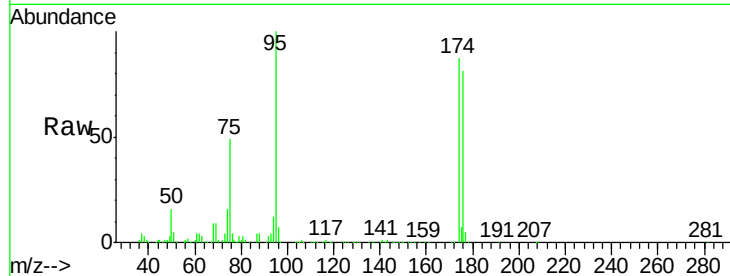
Tot Ion: 95 Resp: 171478

Ion Ratio Lower Upper

95 100

174 86.1 0.0 163.0

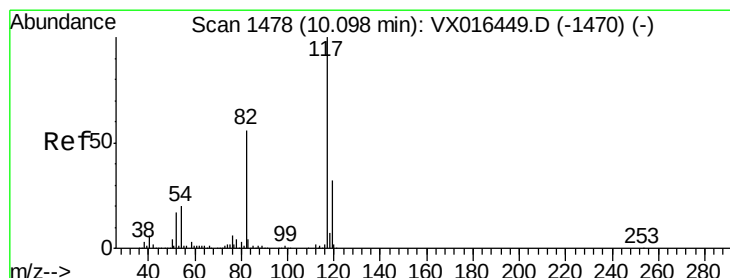
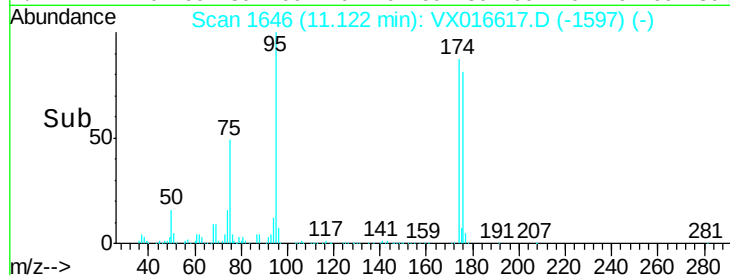
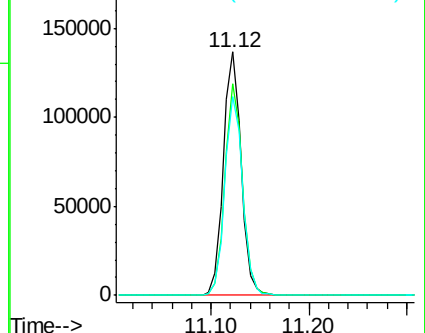
176 82.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016617.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016617.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016617.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016617.D

Acq: 05 Jun 2020 17:25

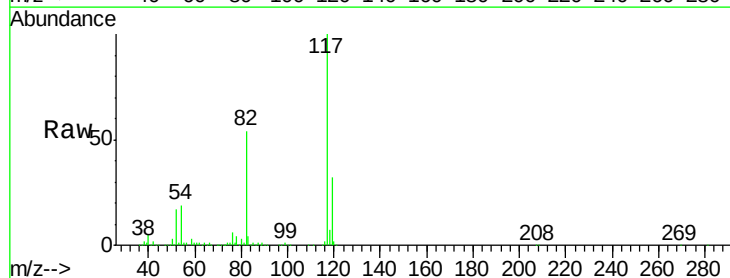
Tgt Ion: 117 Resp: 354187

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.6

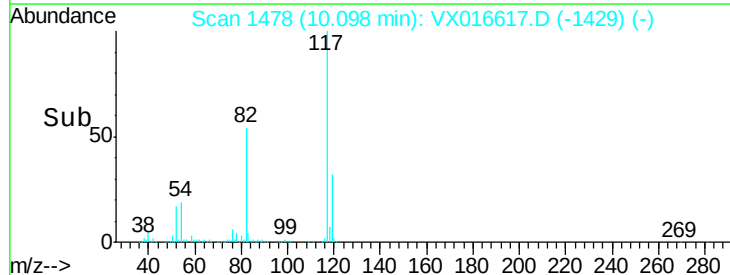
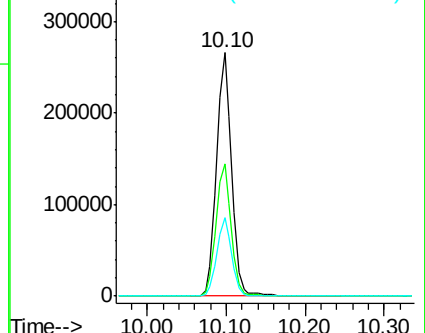
119 32.4 25.8 38.8

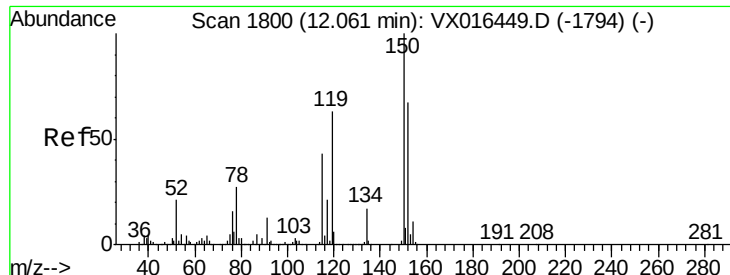


Abundance Ion 116.90 (116.60 to 117.60): VX016617.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016617.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016617.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: VX016617.D

Acq: 05 Jun 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

LF012MW004-200601

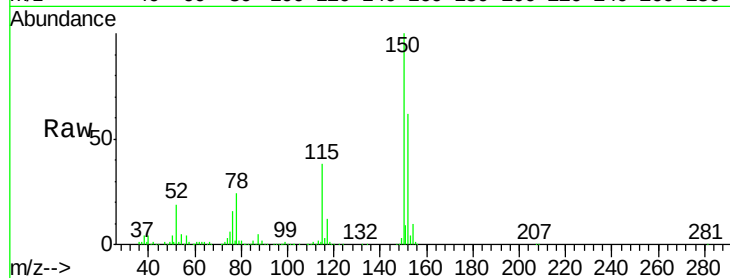
Tot Ion:152 Resp: 175733

Ion Ratio Lower Upper

152 100

115 60.2 39.9 119.6

150 160.4 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

