

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016783.D
 Acq On : 16 Jun 2020 16:38
 Operator : JC/SP
 Sample : L3005-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW004-200611

Quant Time: Jun 17 04:41:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

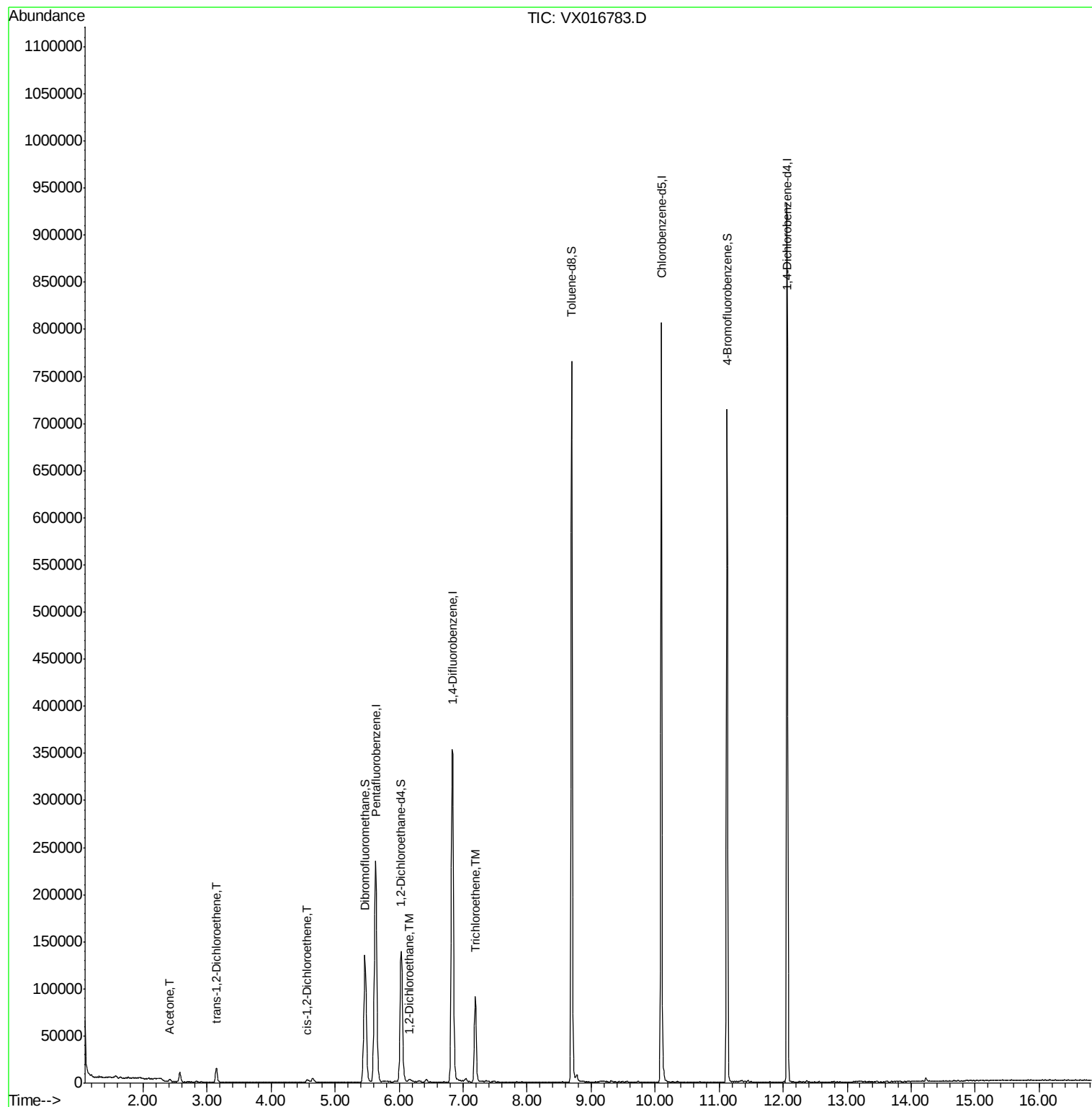
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	376019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	137323	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
35) Dibromofluoromethane	5.46	113	116981	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	8.70	98	458608	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.12	95	186673	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
Target Compounds						
16) Acetone	2.42	43	3038	2.478	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	6815	2.700	ug/l	93
27) cis-1,2-Dichloroethene	4.56	96	2177	0.755	ug/l	80
42) 1,2-Dichloroethane	6.16	62	2445	0.662	ug/l	84
44) Trichloroethene	7.19	130	36076	11.528	ug/l	99

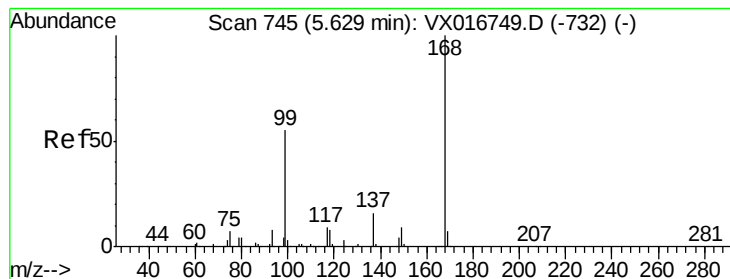
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LF017MW004-200611

Quant Time: Jun 17 04:41:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

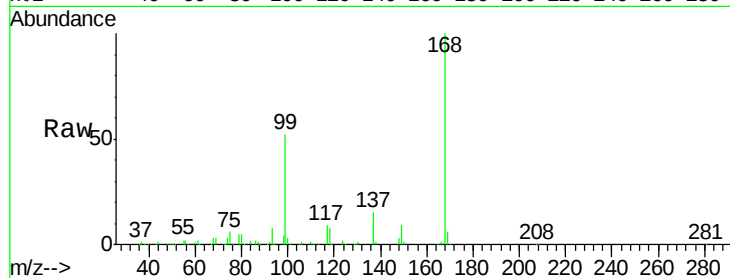
LF017MW004-200611

Tot Ion:168 Resp: 240296

Ion Ratio Lower Upper

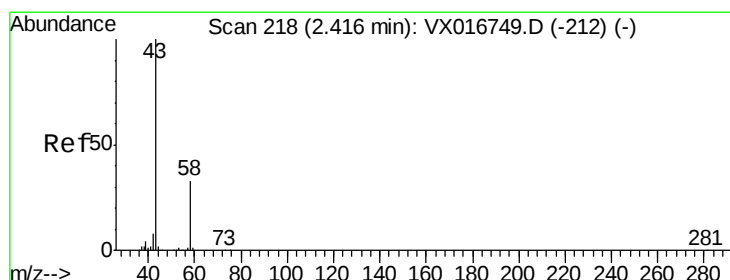
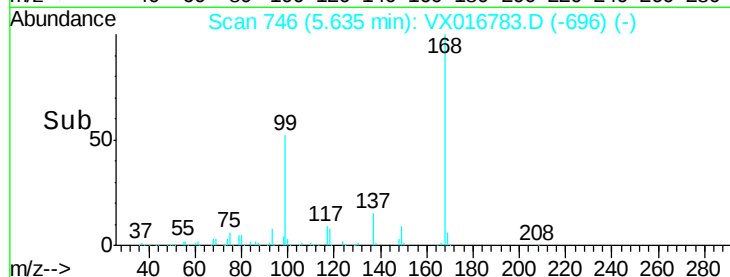
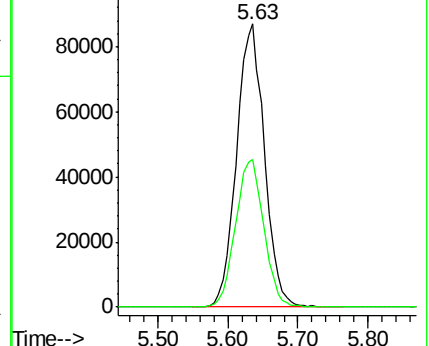
168 100

99 52.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.478 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016783.D

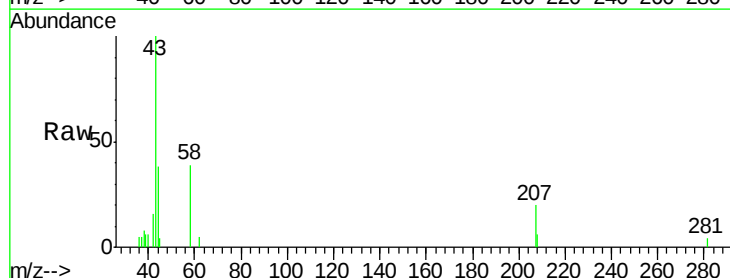
Acq: 16 Jun 2020 16:38

Tgt Ion: 43 Resp: 3038

Ion Ratio Lower Upper

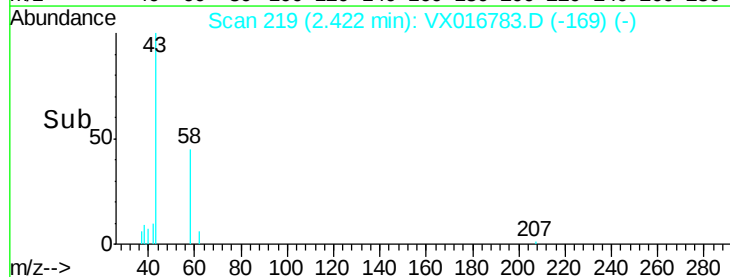
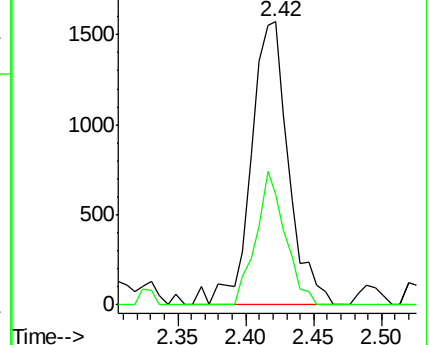
43 100

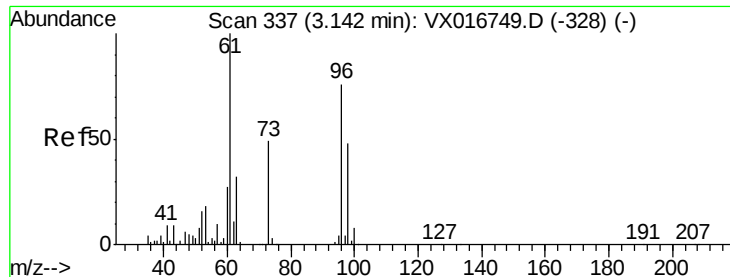
58 39.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 2.700 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

LF017MW004-200611

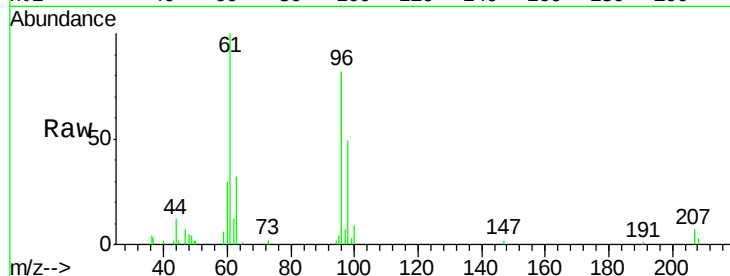
Tot Ion: 96 Resp: 6815

Ion Ratio Lower Upper

96 100

61 122.1 105.4 158.2

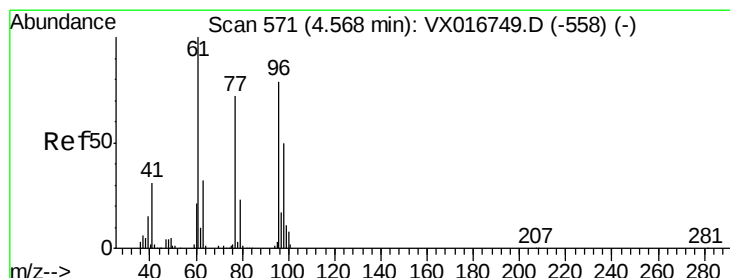
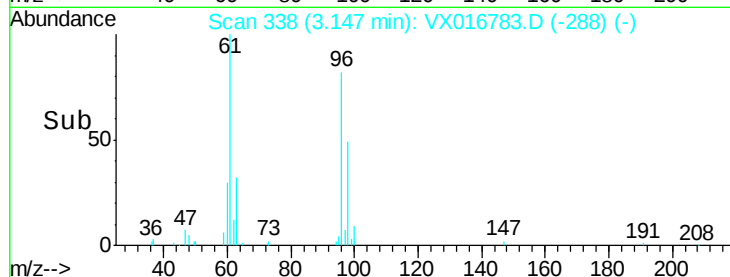
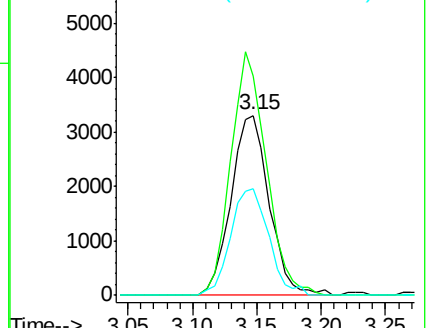
98 59.3 50.8 76.2



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



#27

cis-1,2-Dichloroethene

Concen: 0.755 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

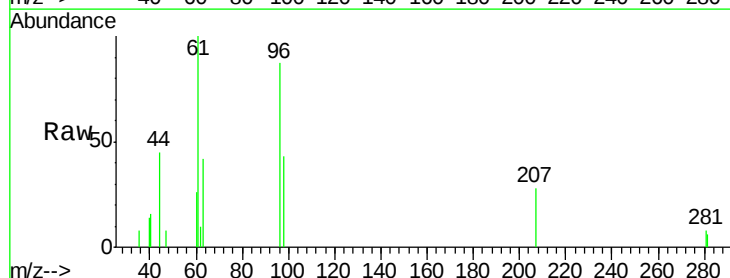
Tgt Ion: 96 Resp: 2177

Ion Ratio Lower Upper

96 100

61 106.9 0.0 276.2

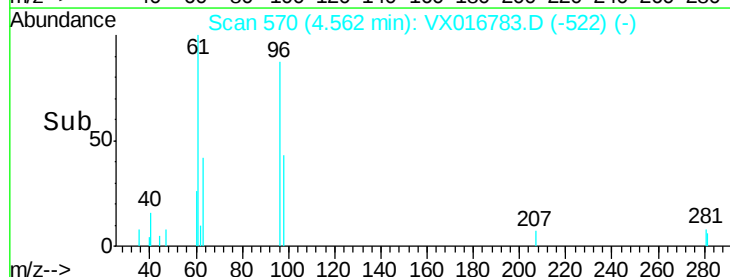
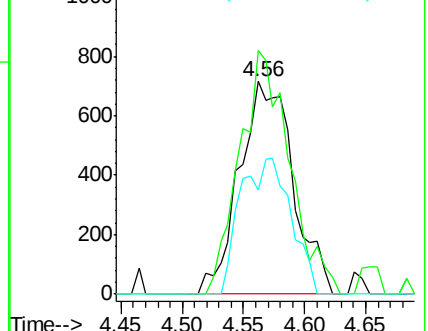
98 60.2 0.0 130.0

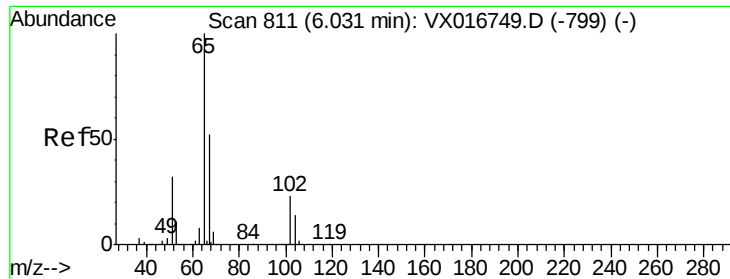


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.808 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

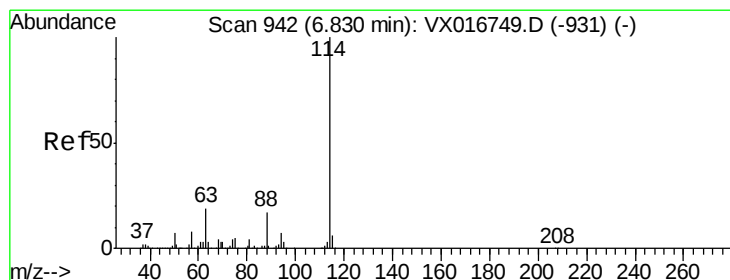
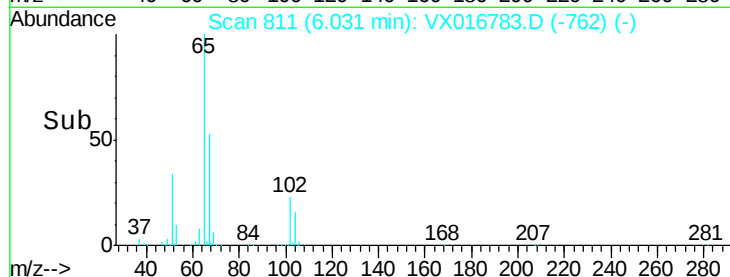
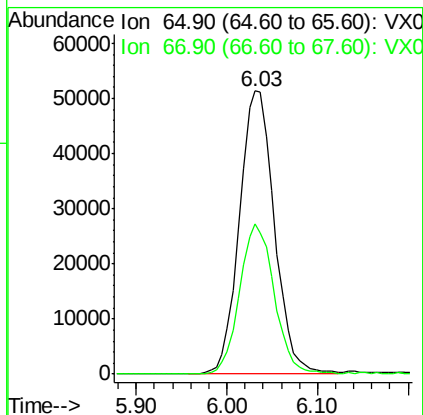
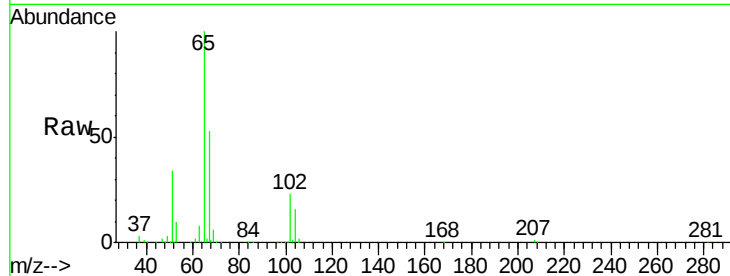
LF017MW004-200611

Tot Ion: 65 Resp: 137323

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

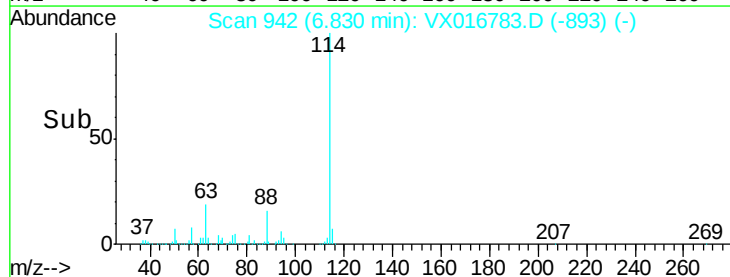
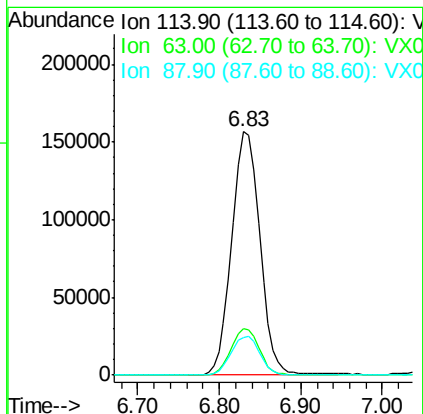
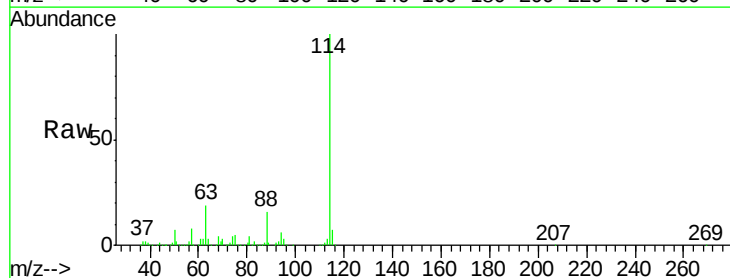
Tgt Ion: 114 Resp: 376019

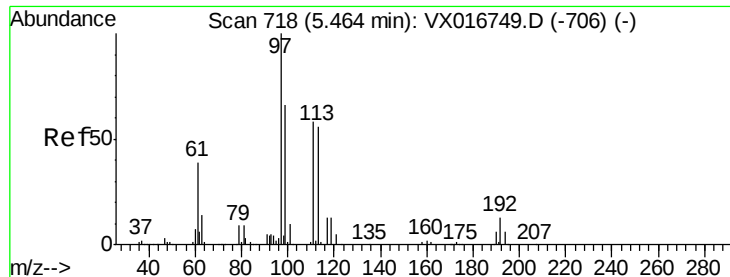
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.423 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

LF017MW004-200611

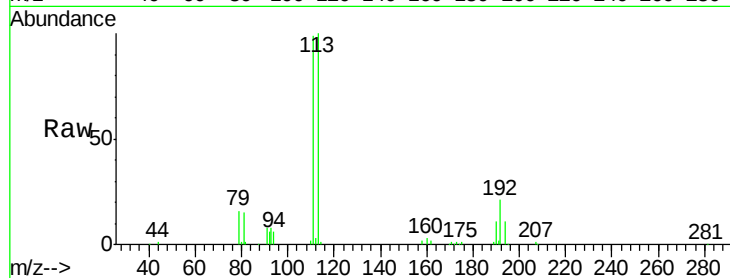
Tot Ion:113 Resp: 116981

Ion Ratio Lower Upper

113 100

111 100.6 81.8 122.6

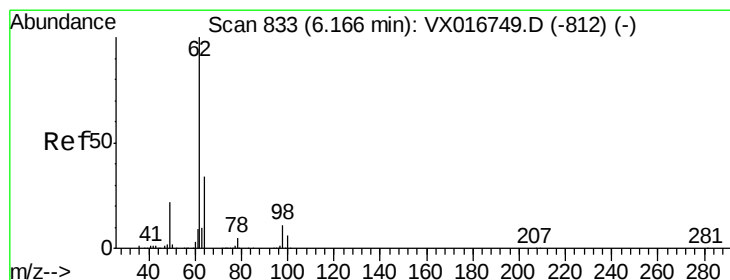
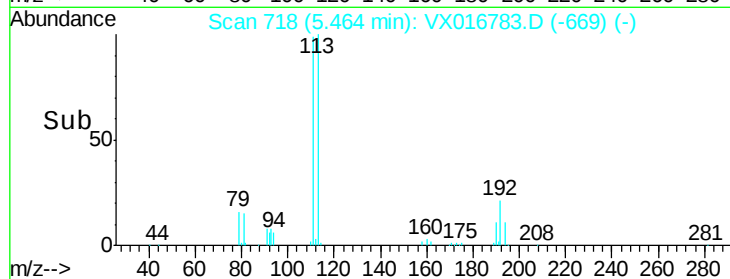
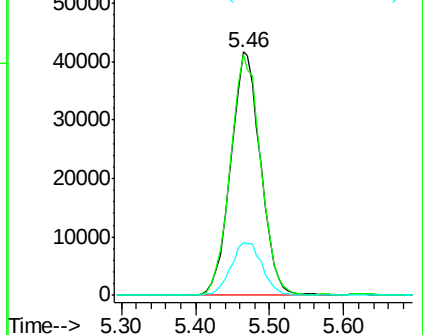
192 22.8 18.2 27.4



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



#42

1,2-Dichloroethane

Concen: 0.662 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016783.D

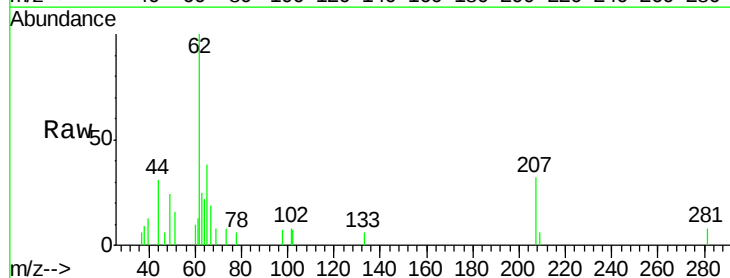
Acq: 16 Jun 2020 16:38

Tgt Ion: 62 Resp: 2445

Ion Ratio Lower Upper

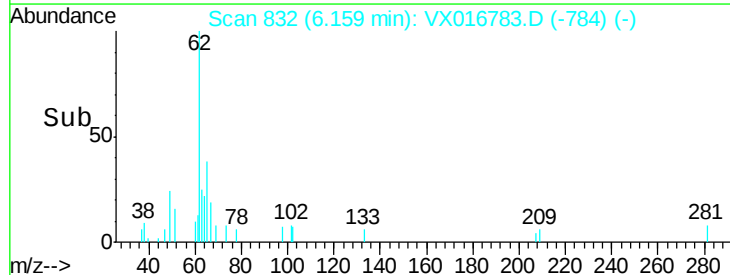
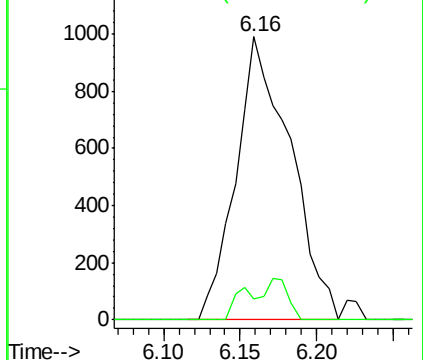
62 100

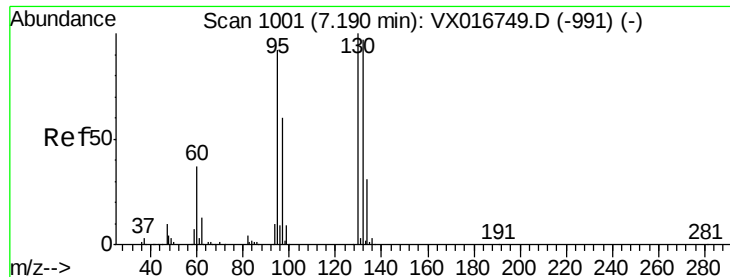
98 4.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 11.528 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

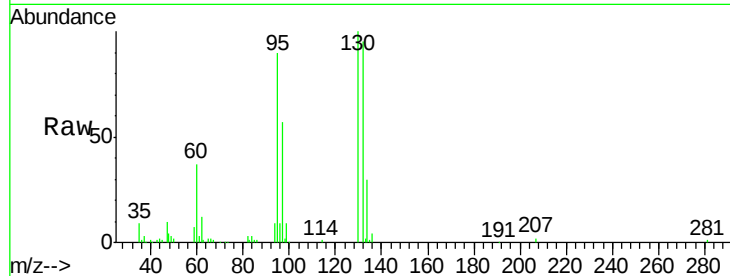
LF017MW004-200611

Tot Ion:130 Resp: 36076

Ion Ratio Lower Upper

130 100

95 90.4 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

20000

15000

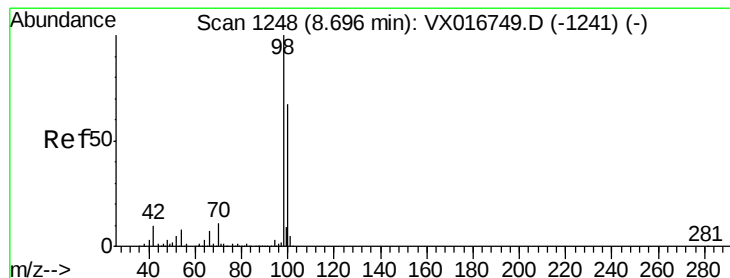
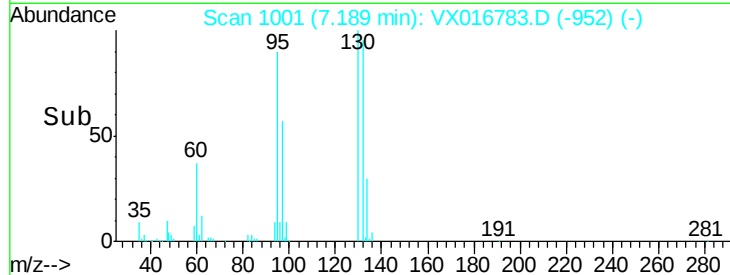
10000

5000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 53.611 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016783.D

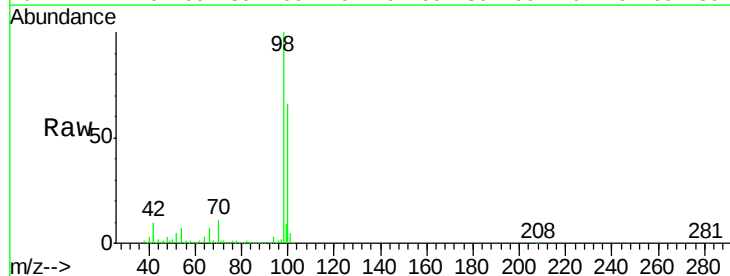
Acq: 16 Jun 2020 16:38

Tgt Ion: 98 Resp: 458608

Ion Ratio Lower Upper

98 100

100 66.5 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

300000

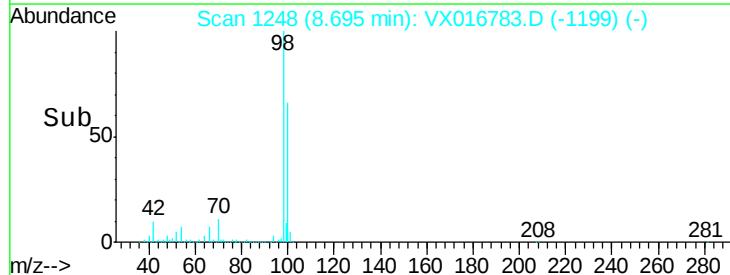
200000

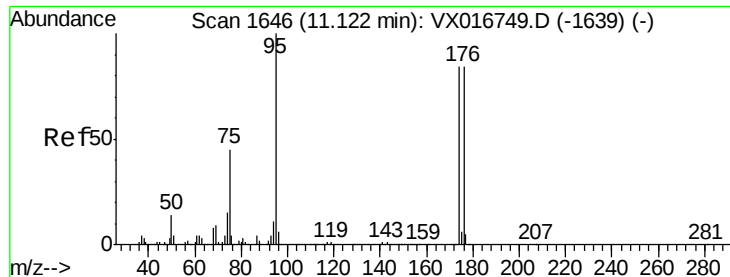
100000

0

Time-->

8.60 8.65 8.70 8.75





#62

4-Bromofluorobenzene

Concen: 57.051 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

LF017MW004-200611

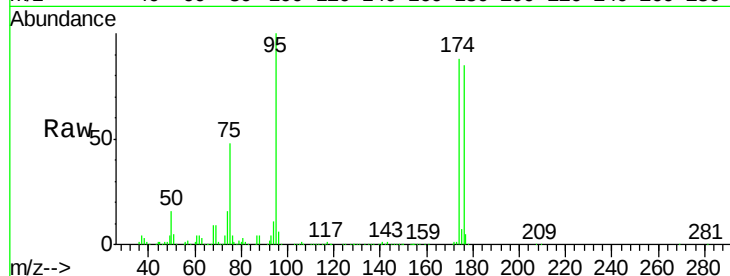
Tot Ion: 95 Resp: 186673

Ion Ratio Lower Upper

95 100

174 88.4 0.0 171.0

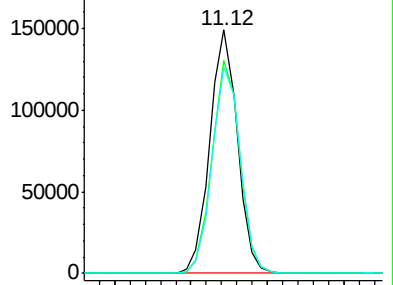
176 86.9 0.0 166.2



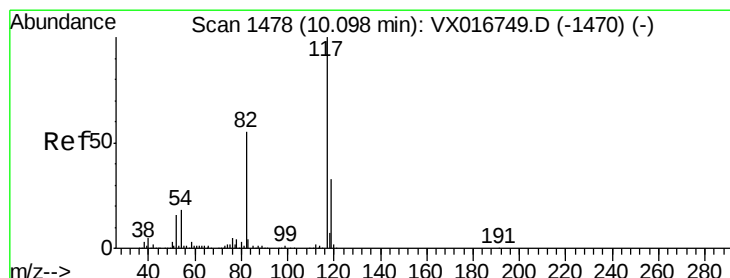
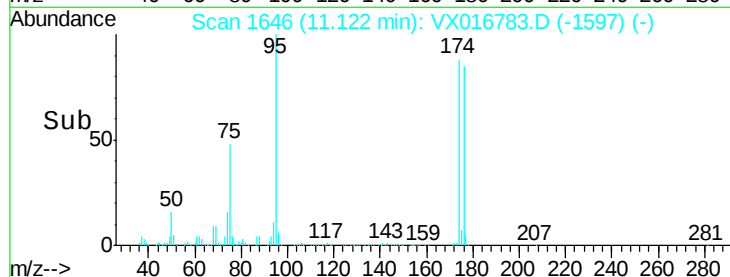
Abundance Ion 94.90 (94.60 to 95.60): VX016749.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016749.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016749.D (-1639) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

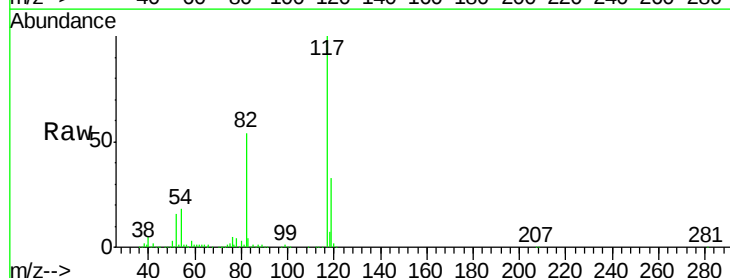
Tgt Ion: 117 Resp: 384785

Ion Ratio Lower Upper

117 100

82 53.9 43.8 65.6

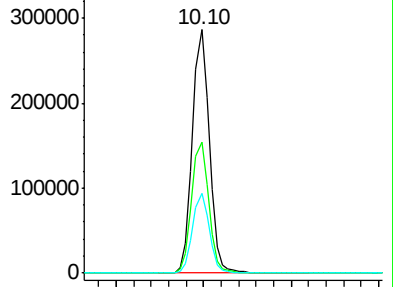
119 33.0 26.2 39.4



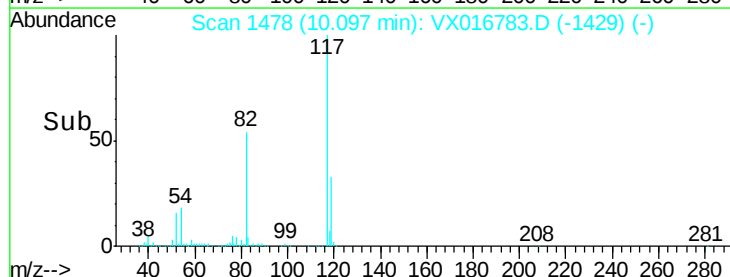
Abundance Ion 116.90 (116.60 to 117.60): VX016749.D (-1470) (-)

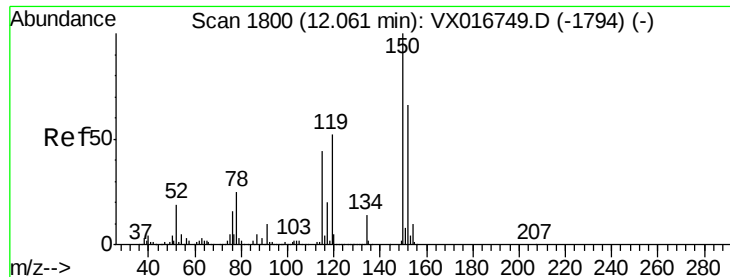
Ion 82.00 (81.70 to 82.70): VX016749.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016749.D (-1470) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016783.D

Acq: 16 Jun 2020 16:38

Instrument :

MSVOA_X

ClientSampleId :

LF017MW004-200611

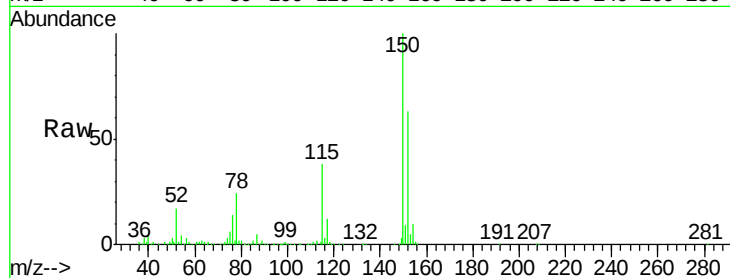
Tot Ion:152 Resp: 197107

Ion Ratio Lower Upper

152 100

115 58.8 40.3 120.8

150 157.1 0.0 337.4



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

