

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017100.D
 Acq On : 01 Jul 2020 16:00
 Operator : JC/SP
 Sample : L3129-03 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1405-1406

Quant Time: Jul 02 02:41:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

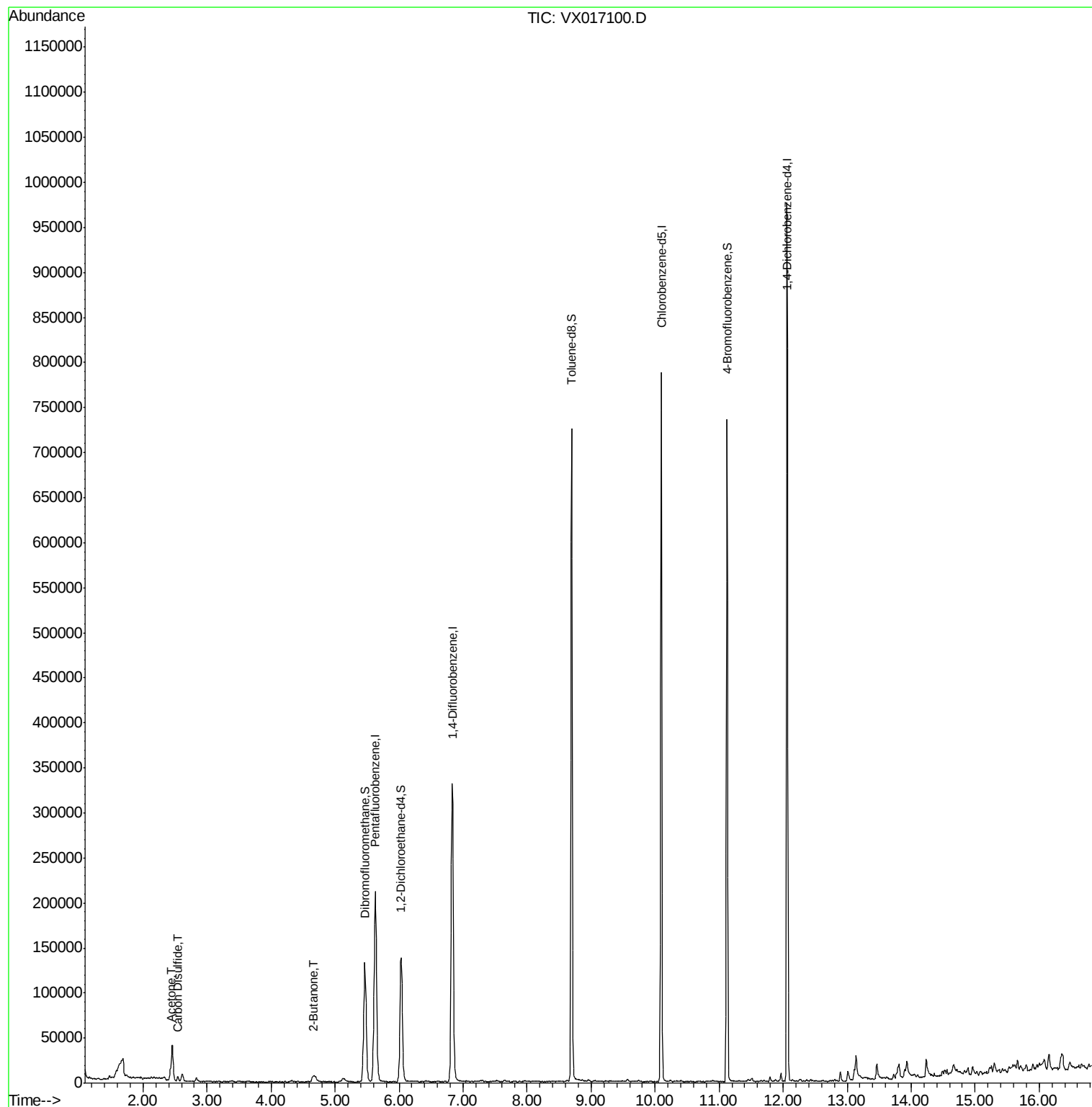
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	203551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	340551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	132638	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	5.46	113	113546	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	8.70	98	416218	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.12	95	183847	59.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.08%	
Target Compounds						
16) Acetone	2.43	43	14693	15.652	ug/l #	88
17) Carbon Disulfide	2.54	76	5915	1.075	ug/l	98
25) 2-Butanone	4.65	43	8983	5.743	ug/l	95

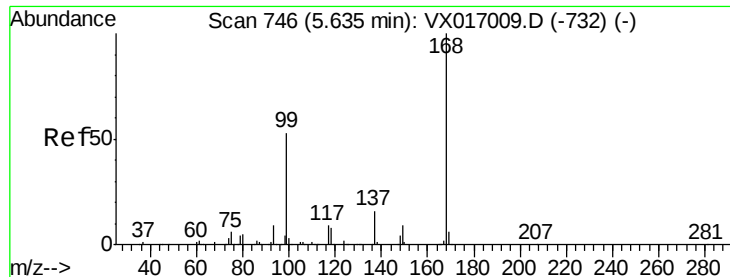
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017100.D

Acq: 01 Jul 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

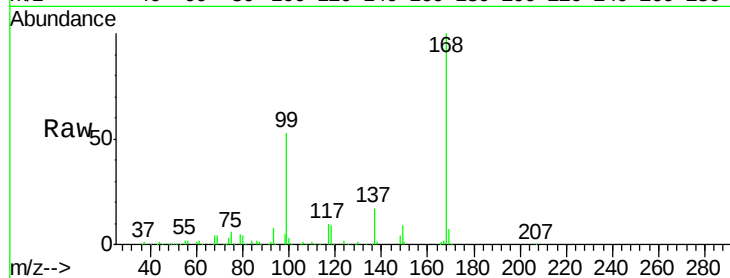
1405-1406

Tot Ion:168 Resp: 203551

Ion Ratio Lower Upper

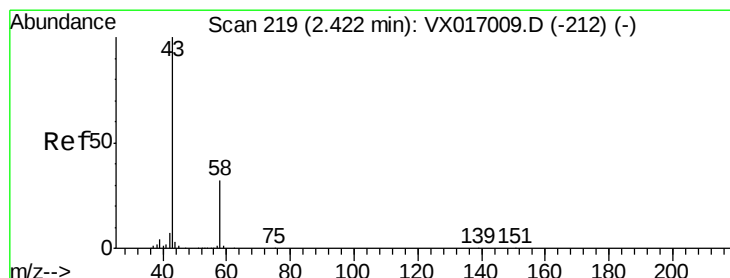
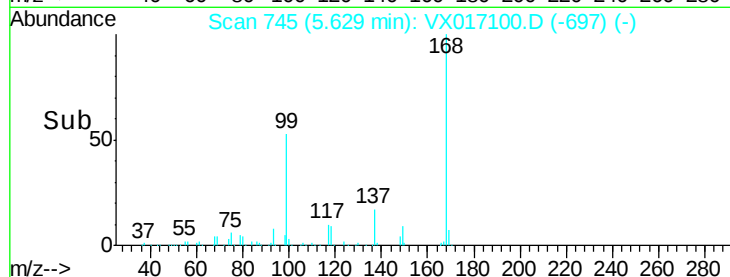
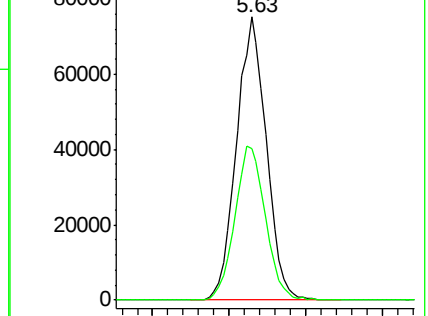
168 100

99 53.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 15.652 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017100.D

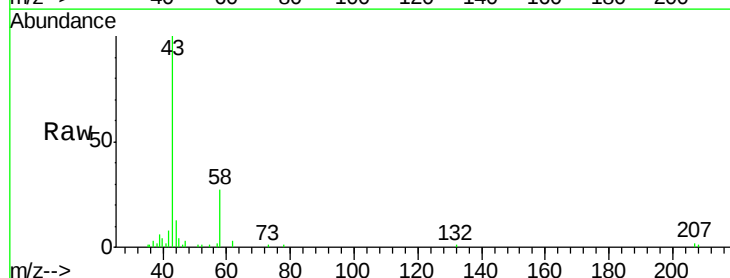
Acq: 01 Jul 2020 16:00

Tgt Ion: 43 Resp: 14693

Ion Ratio Lower Upper

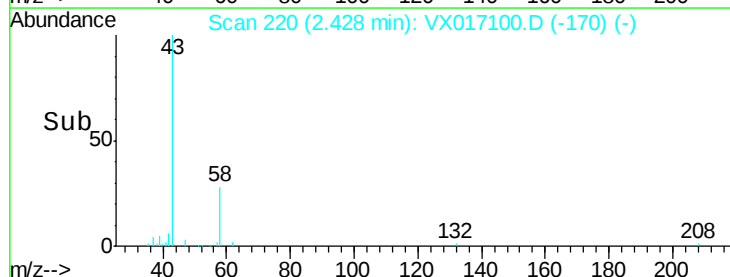
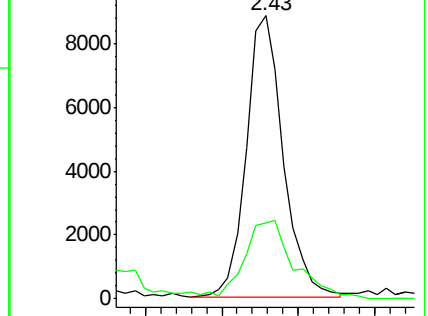
43 100

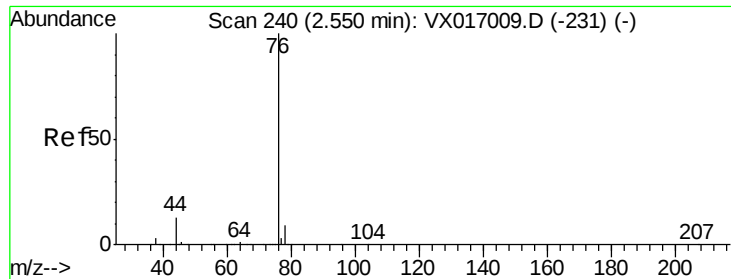
58 25.4 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

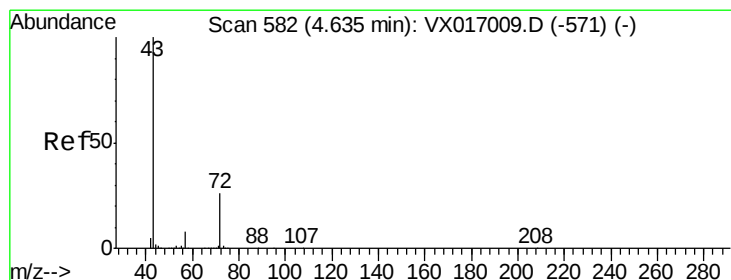
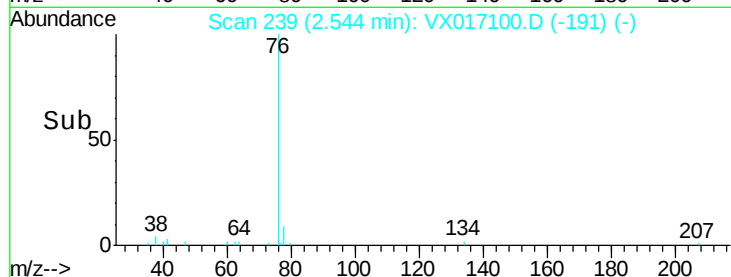
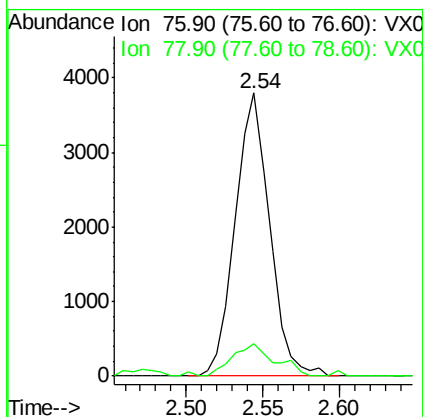
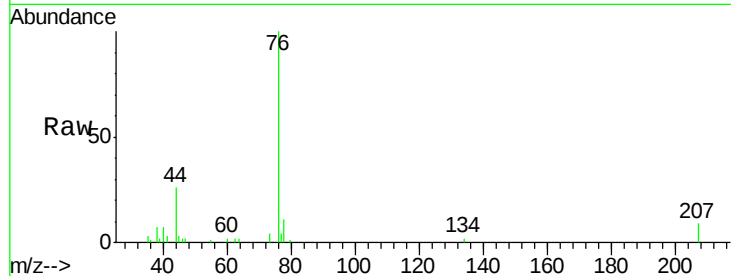




#17
Carbon Disulfide
Concen: 1.075 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX017100.D
Acq: 01 Jul 2020 16:00

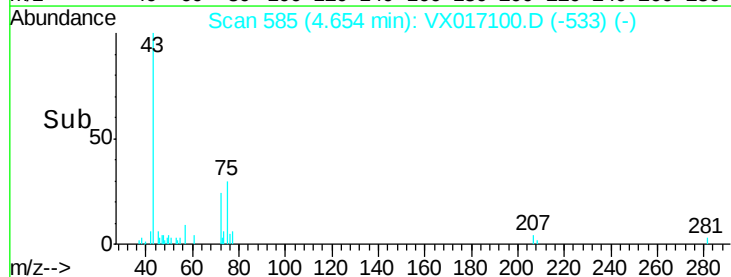
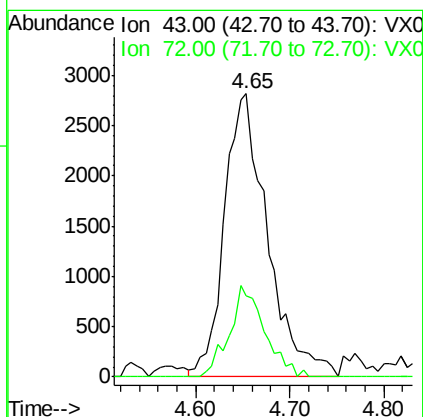
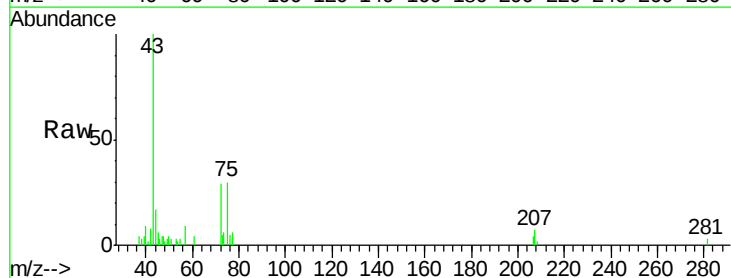
Instrument :
MSVOA_X
ClientSampleId :
1405-1406

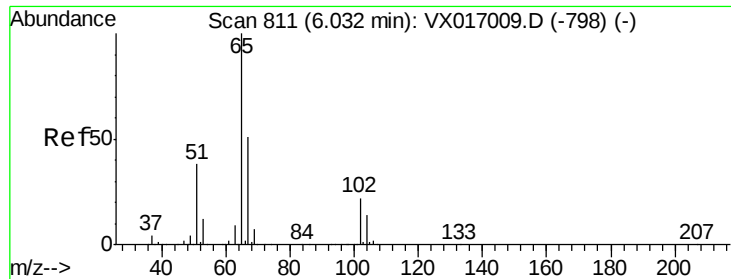
Tot Ion: 76 Resp: 5915
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#25
2-Butanone
Concen: 5.743 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX017100.D
Acq: 01 Jul 2020 16:00

Tgt Ion: 43 Resp: 8983
Ion Ratio Lower Upper
43 100
72 28.7 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 52.857 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017100.D

Acq: 01 Jul 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

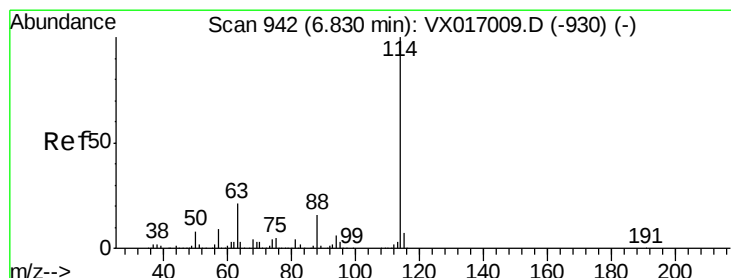
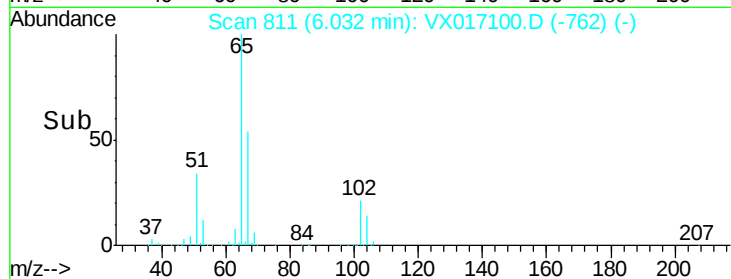
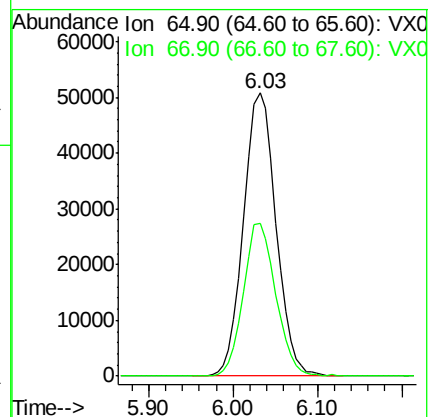
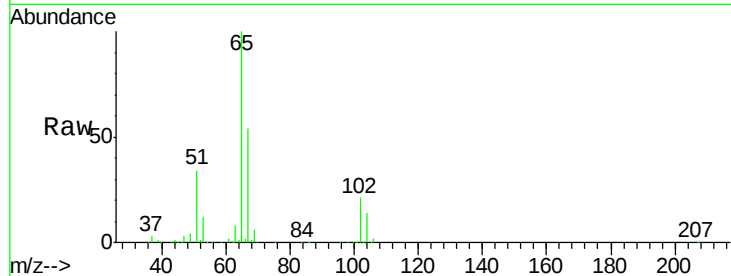
1405-1406

Tot Ion: 65 Resp: 132638

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017100.D

Acq: 01 Jul 2020 16:00

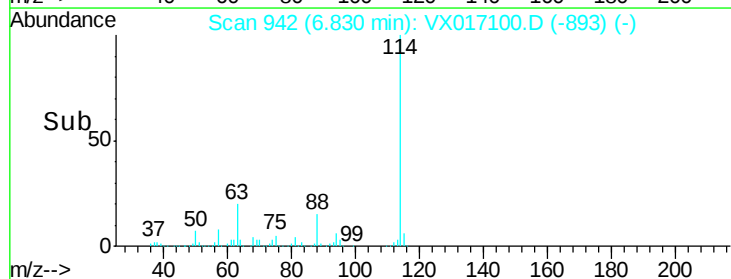
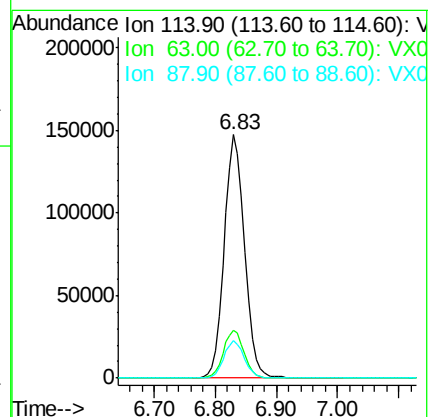
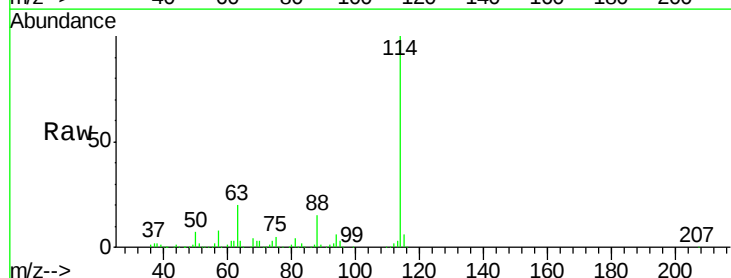
Tgt Ion: 114 Resp: 340551

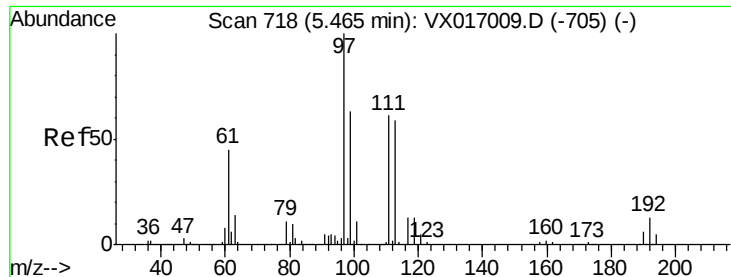
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.709 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017100.D

Acq: 01 Jul 2020 16:00

Instrument :

MSVOA_X

ClientSampled :

1405-1406

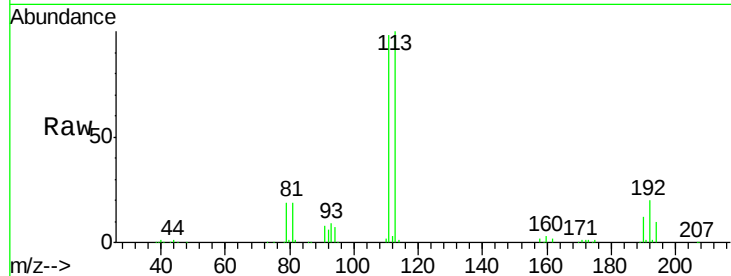
Tot Ion:113 Resp: 113546

Ion Ratio Lower Upper

113 100

111 100.3 81.9 122.9

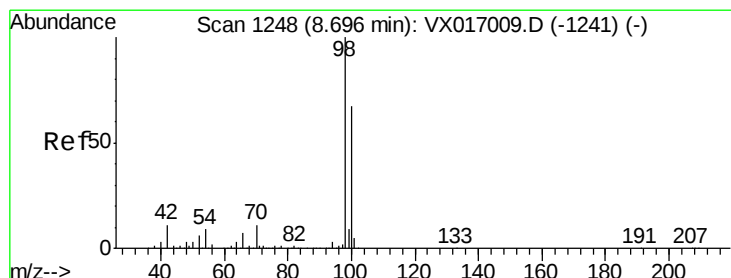
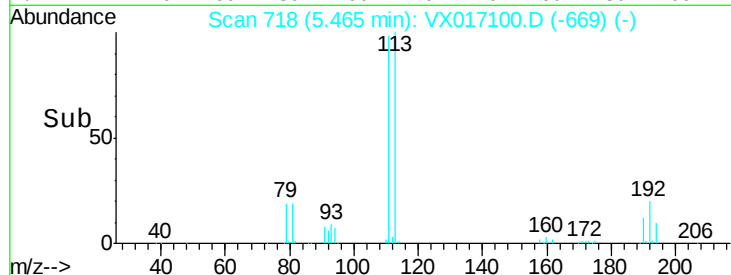
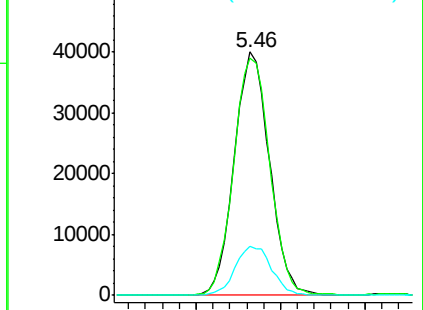
192 20.9 16.7 25.1



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: 52.250 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017100.D

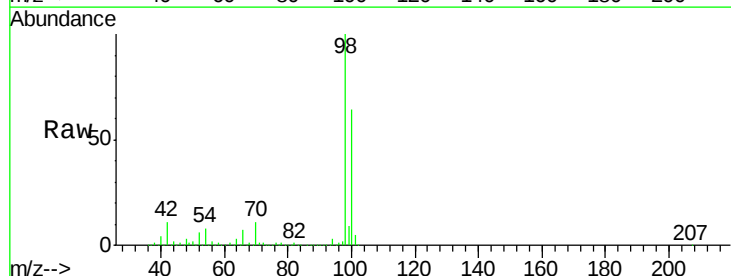
Acq: 01 Jul 2020 16:00

Tgt Ion: 98 Resp: 416218

Ion Ratio Lower Upper

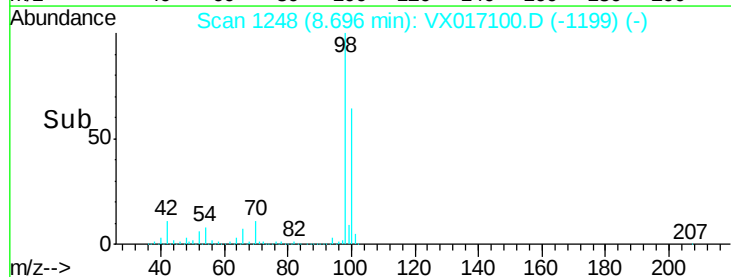
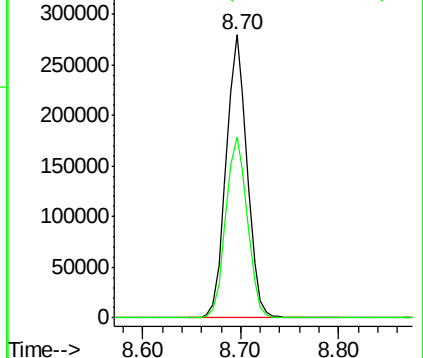
98 100

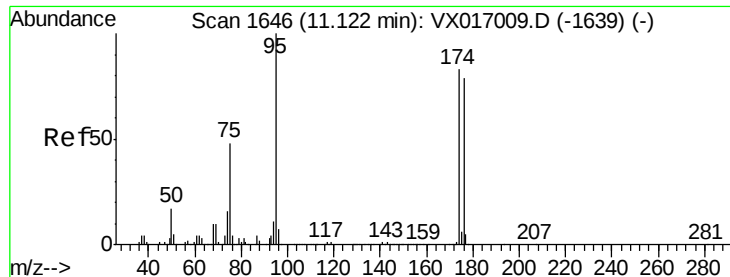
100 65.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 59.040 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017100.D

Acq: 01 Jul 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

1405-1406

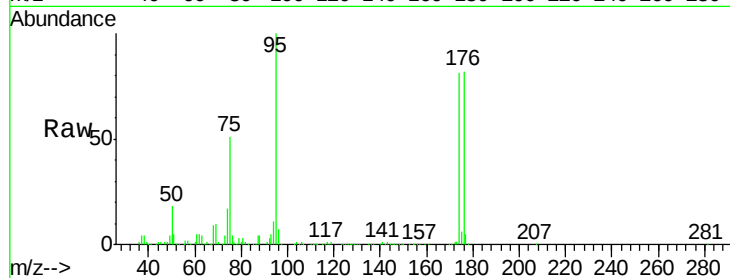
Tot Ion: 95 Resp: 183847

Ion Ratio Lower Upper

95 100

174 83.6 0.0 164.0

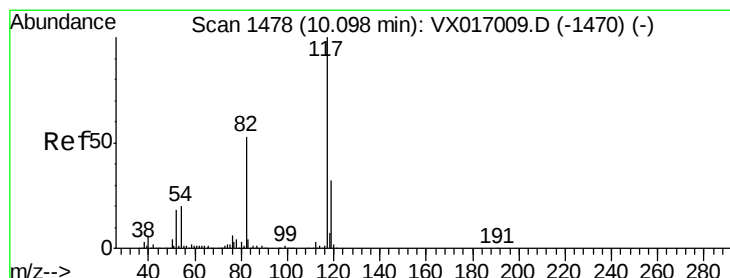
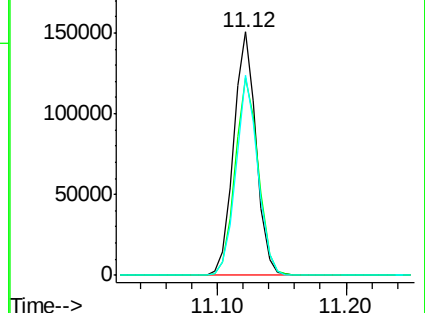
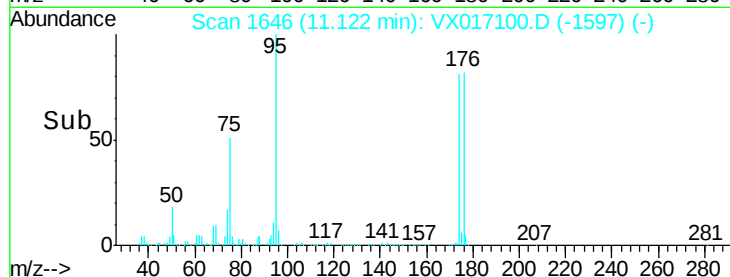
176 79.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017100.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017100.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017100.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017100.D

Acq: 01 Jul 2020 16:00

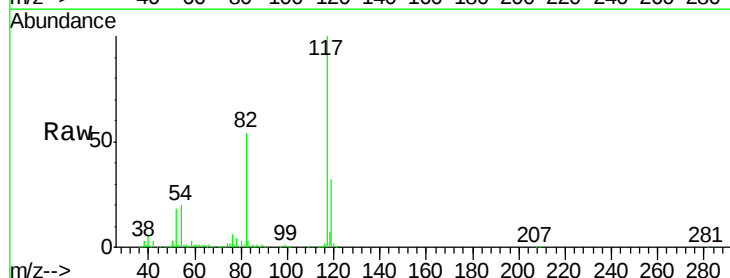
Tgt Ion: 117 Resp: 366260

Ion Ratio Lower Upper

117 100

82 53.6 42.6 63.8

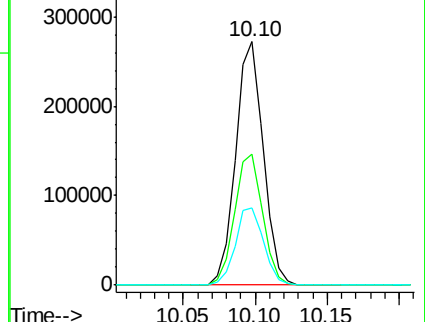
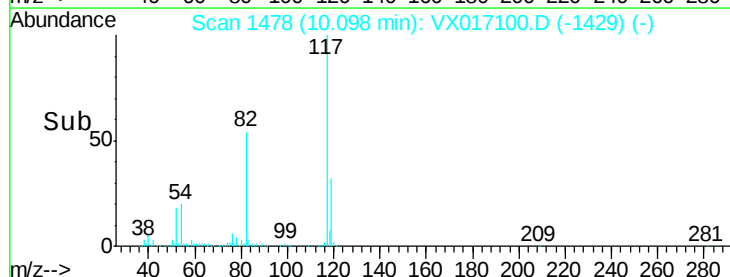
119 31.7 25.4 38.2

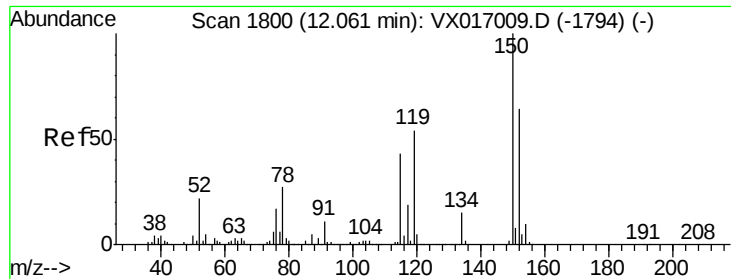


Abundance Ion 116.90 (116.60 to 117.60): VX017100.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017100.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017100.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: VX017100.D

Acq: 01 Jul 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

1405-1406

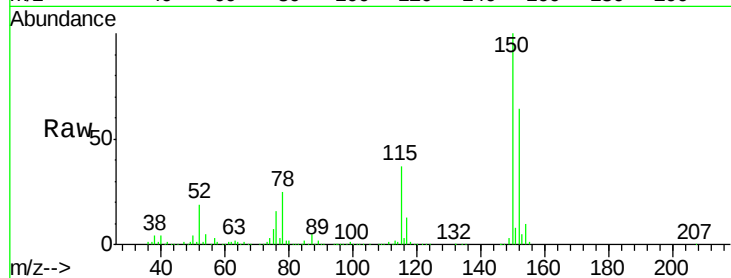
Tot Ion:152 Resp: 201496

Ion Ratio Lower Upper

152 100

115 57.6 40.9 122.7

150 155.9 0.0 351.6



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

