

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015917.D
 Acq On : 24 Apr 2020 02:05
 Operator : JC/SP
 Sample : L2378-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6-S

Quant Time: Apr 24 08:26:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

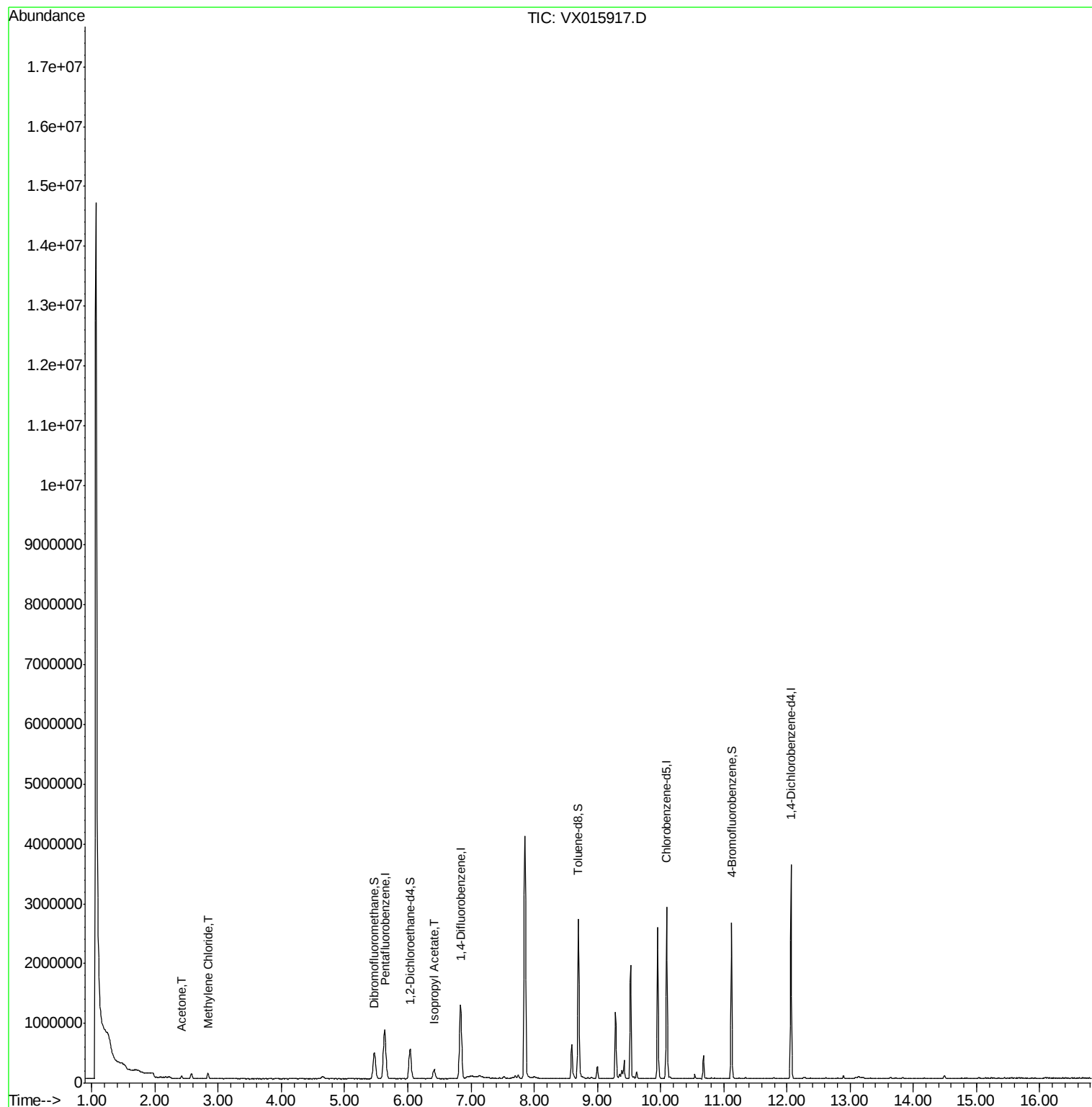
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	858224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1297090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1283779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	737713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	474583	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	5.47	113	379013	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	8.70	98	1558530	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.12	95	662000	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
Target Compounds						
16) Acetone	2.42	43	56933	13.395	ug/l	95
20) Methylene Chloride	2.84	84	42055	4.874	ug/l	98
43) Isopropyl Acetate	6.41	43	235767	10.213	ug/l	99

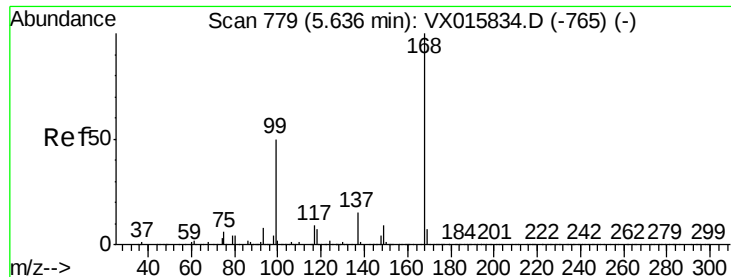
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015917.D

Acq: 24 Apr 2020 02:05

Instrument :

MSVOA_X

ClientSampleId :

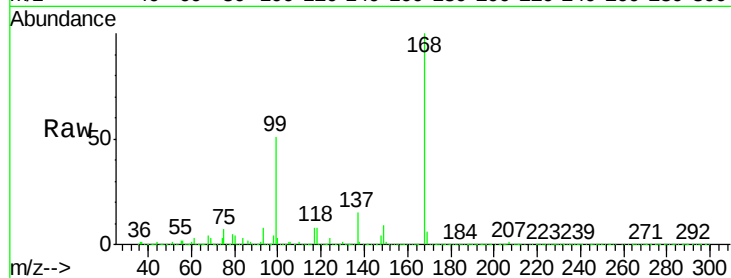
TP-6-S

Tot Ion:168 Resp: 858224

Ion Ratio Lower Upper

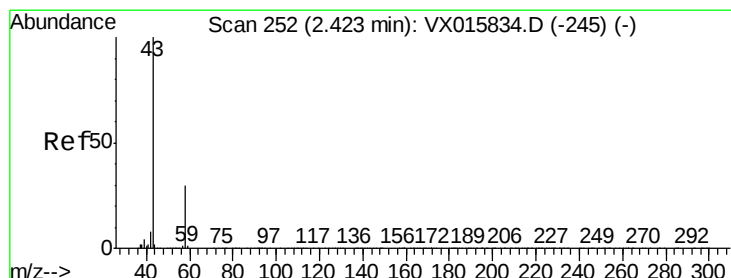
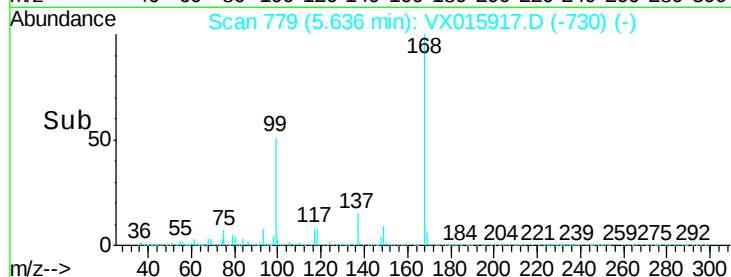
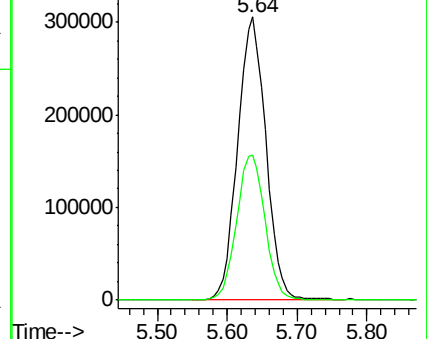
168 100

99 51.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 13.395 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015917.D

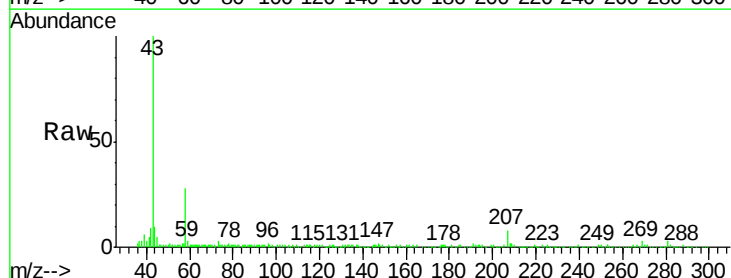
Acq: 24 Apr 2020 02:05

Tgt Ion: 43 Resp: 56933

Ion Ratio Lower Upper

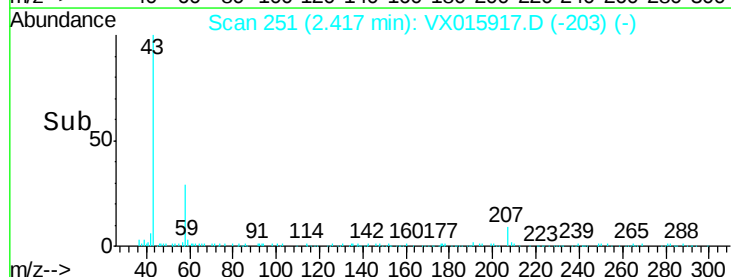
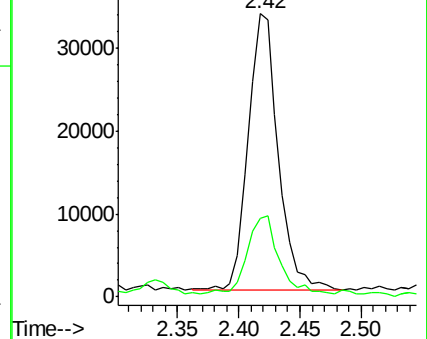
43 100

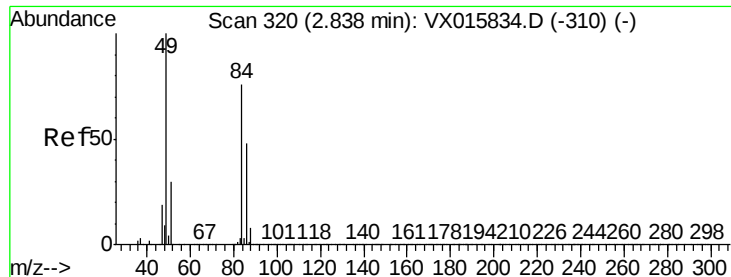
58 27.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 4.874 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.00 min

Lab File: VX015917.D

Acq: 24 Apr 2020 02:05

Instrument :

MSVOA_X

ClientSampled :

TP-6-S

Tot Ion: 84 Resp: 42055

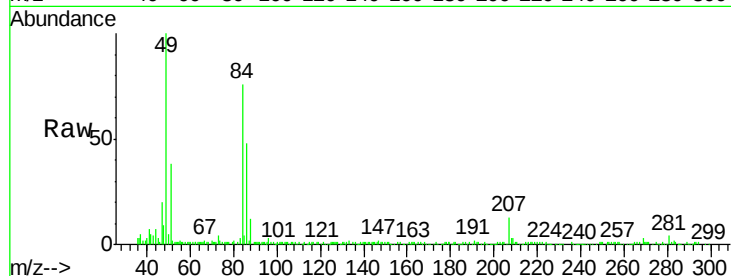
Ion Ratio Lower Upper

84 100

49 131.6 104.9 157.3

51 46.6 32.0 48.0

86 62.7 50.4 75.6

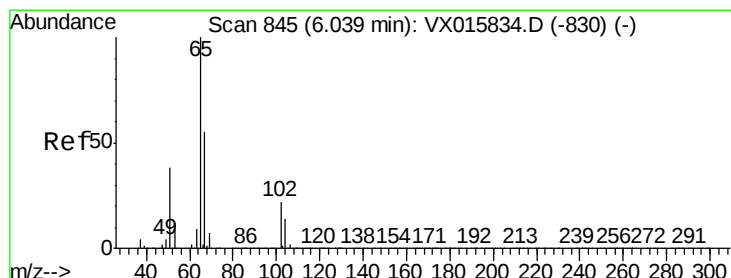
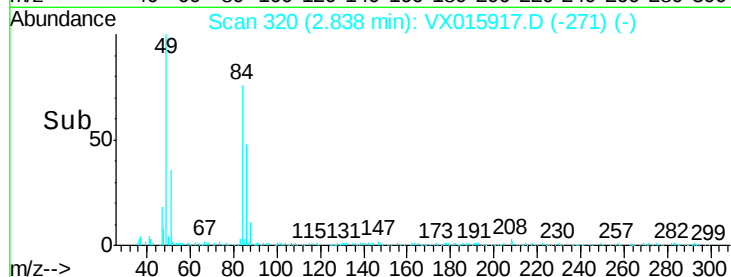
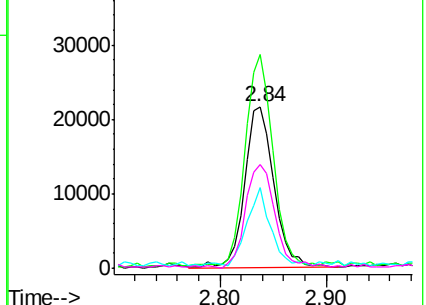


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.620 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015917.D

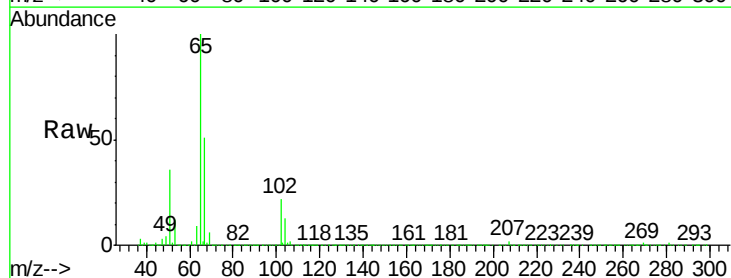
Acq: 24 Apr 2020 02:05

Tgt Ion: 65 Resp: 474583

Ion Ratio Lower Upper

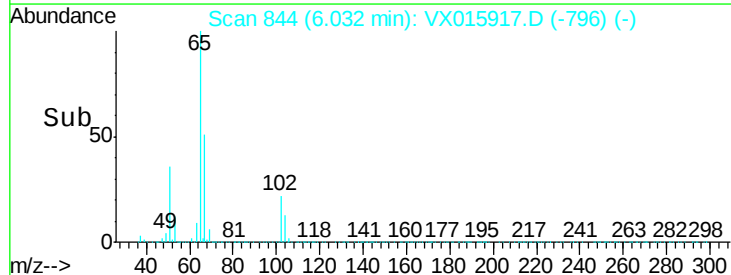
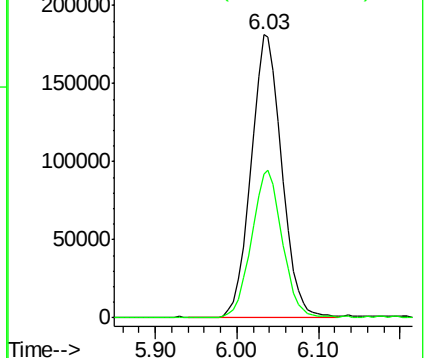
65 100

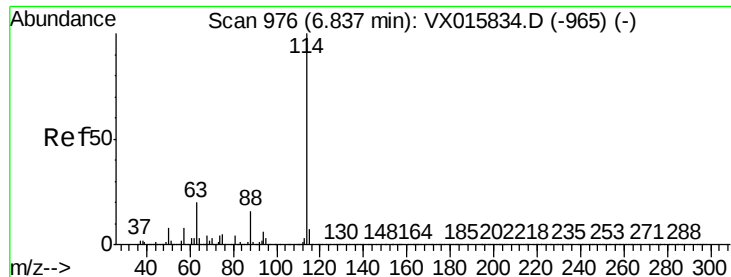
67 51.8 0.0 104.2



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: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015917.D

Acq: 24 Apr 2020 02:05

Instrument :

MSVOA_X

ClientSampleId :

TP-6-S

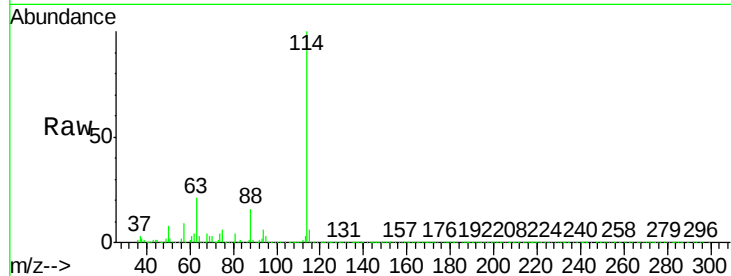
Tot Ion:114 Resp: 1297090

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

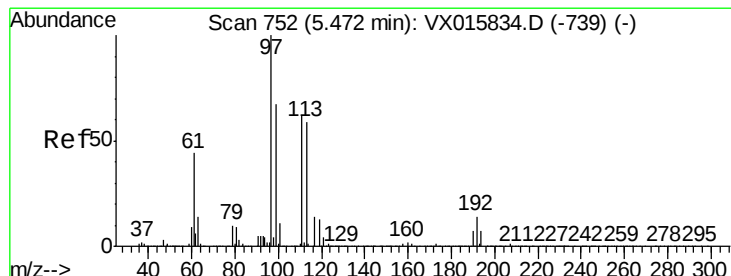
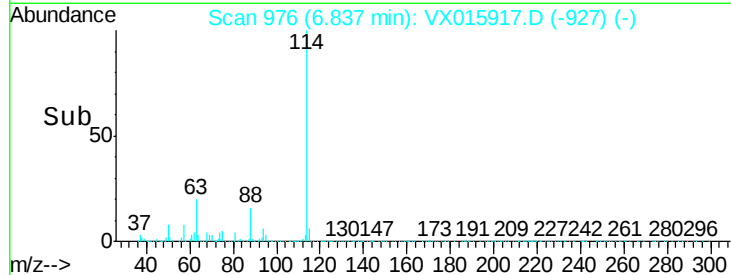
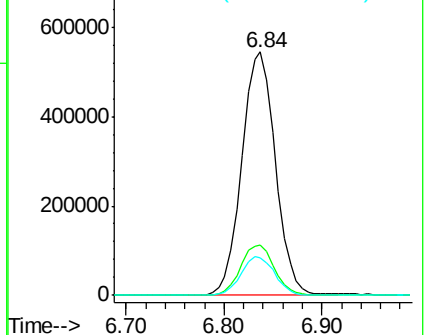
88 15.6 0.0 32.8



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: 50.622 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015917.D

Acq: 24 Apr 2020 02:05

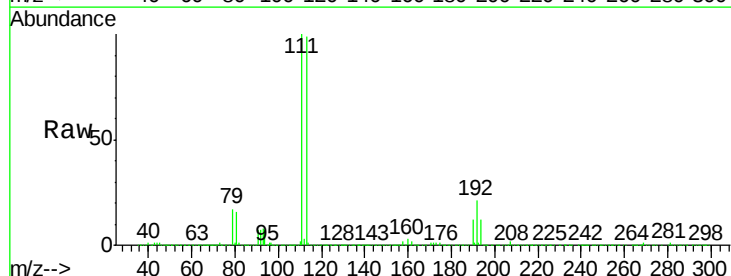
Tgt Ion:113 Resp: 379013

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

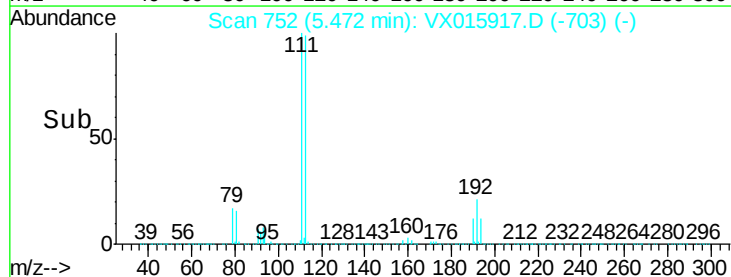
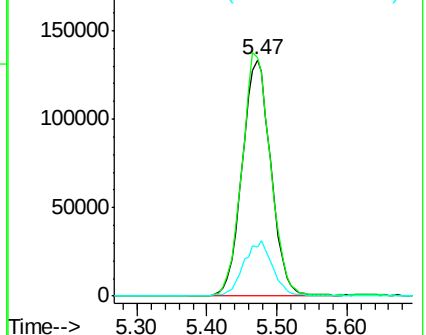
192 24.0 19.3 28.9

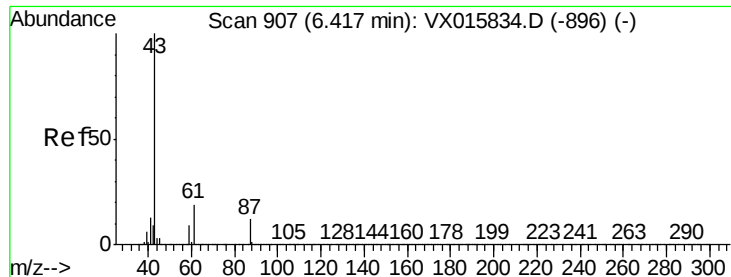


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



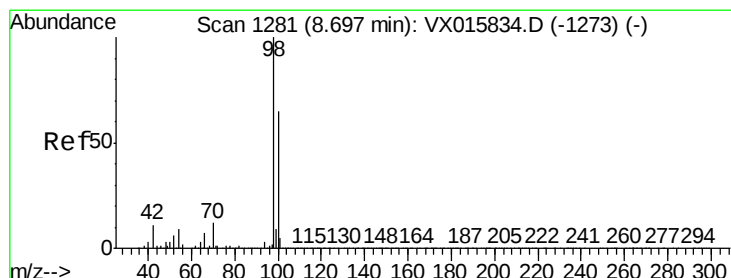
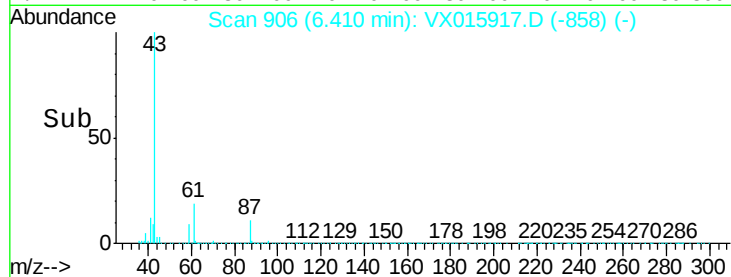
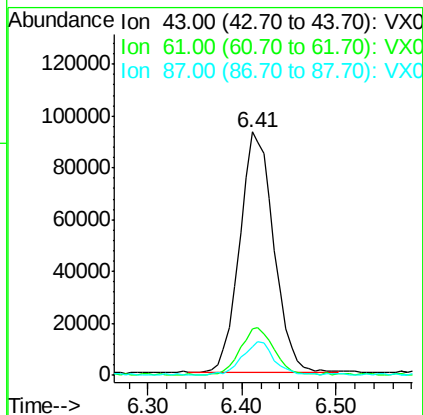
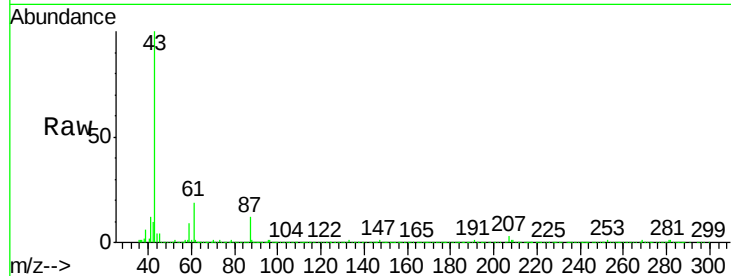


#43

Isopropyl Acetate
 Concen: 10.213 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015917.D
 Acq: 24 Apr 2020 02:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6-S

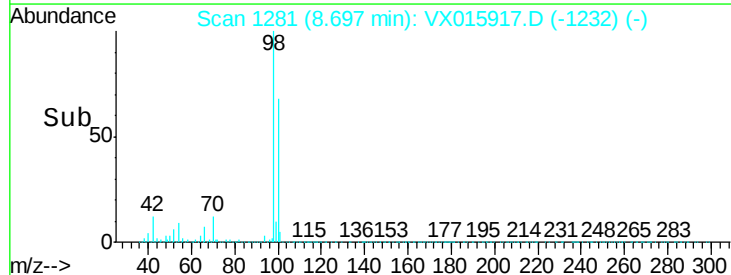
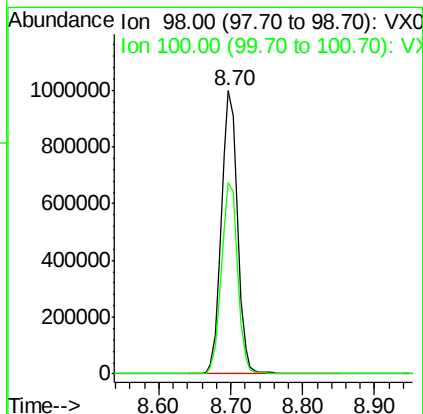
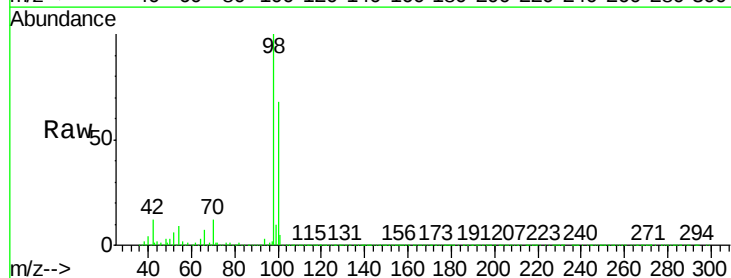
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.2
87	12.8	9.8	14.6

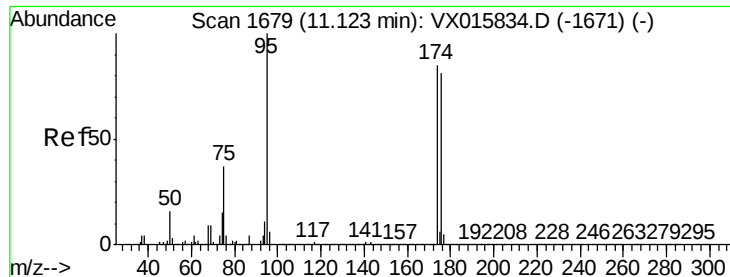


#50

Toluene-d8
 Concen: 51.709 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VX015917.D
 Acq: 24 Apr 2020 02:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.8	80.6





#62

4-Bromofluorobenzene

Concen: 53.541 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015917.D

Acq: 24 Apr 2020 02:05

Instrument :

MSVOA_X

ClientSampleId :

TP-6-S

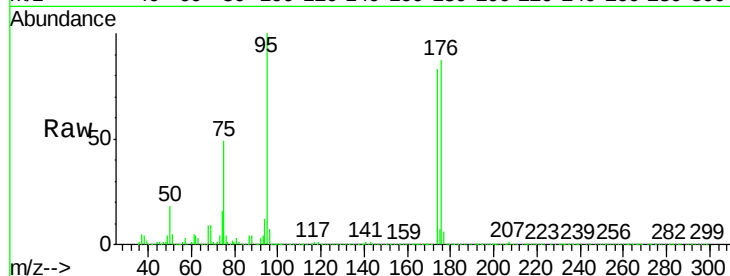
Tot Ion: 95 Resp: 662000

Ion Ratio Lower Upper

95 100

174 85.2 0.0 172.4

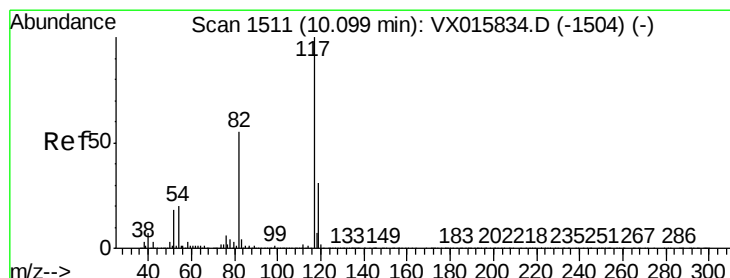
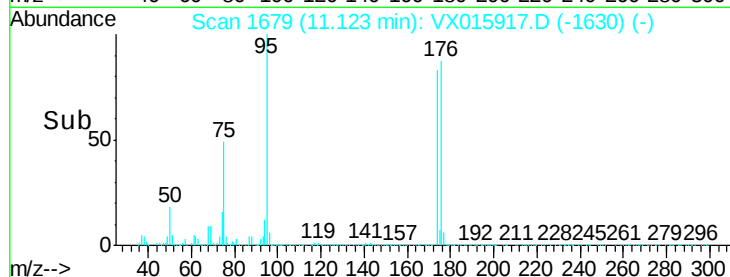
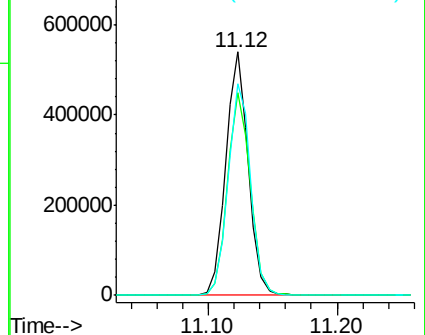
176 87.6 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015917.D

Acq: 24 Apr 2020 02:05

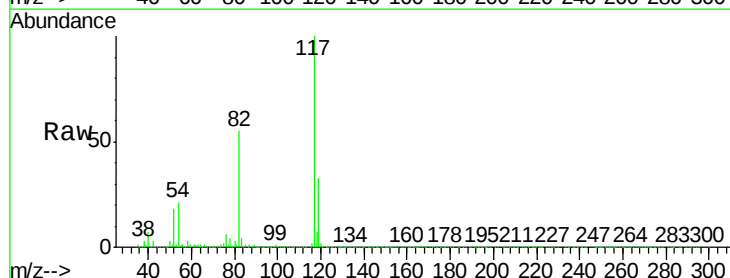
Tgt Ion: 117 Resp: 1283779

Ion Ratio Lower Upper

117 100

82 54.8 43.9 65.9

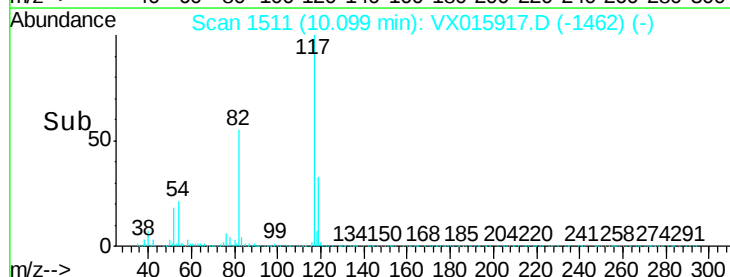
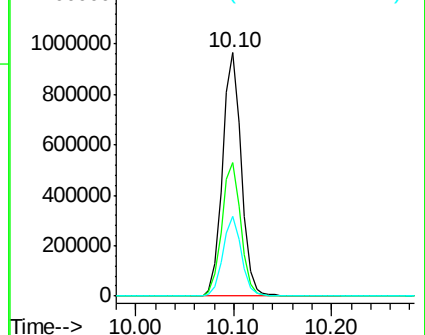
119 32.8 25.1 37.7

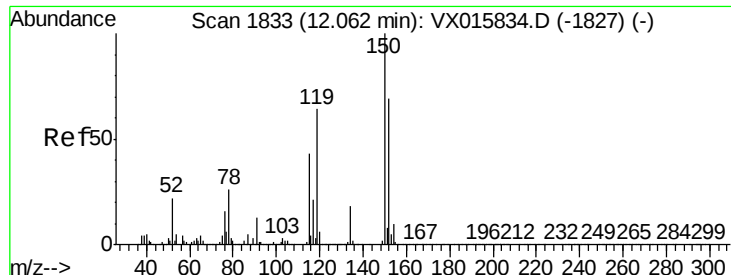


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015917.D

Acq: 24 Apr 2020 02:05

Instrument :

MSVOA_X

ClientSampleId :

TP-6-S

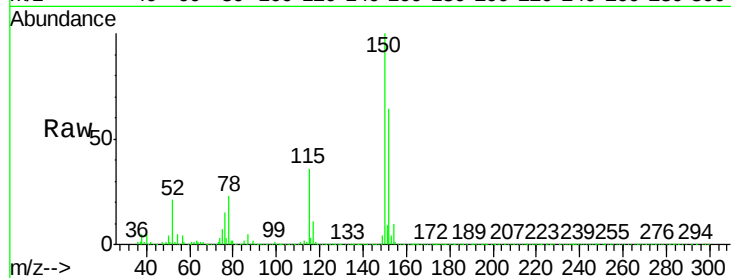
Tot Ion:152 Resp: 737713

Ion Ratio Lower Upper

152 100

115 55.2 39.0 116.9

150 153.1 0.0 336.8



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

