

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015920.D
 Acq On : 24 Apr 2020 03:12
 Operator : JC/SP
 Sample : L2397-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-COMP

Quant Time: Apr 24 08:36:23 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

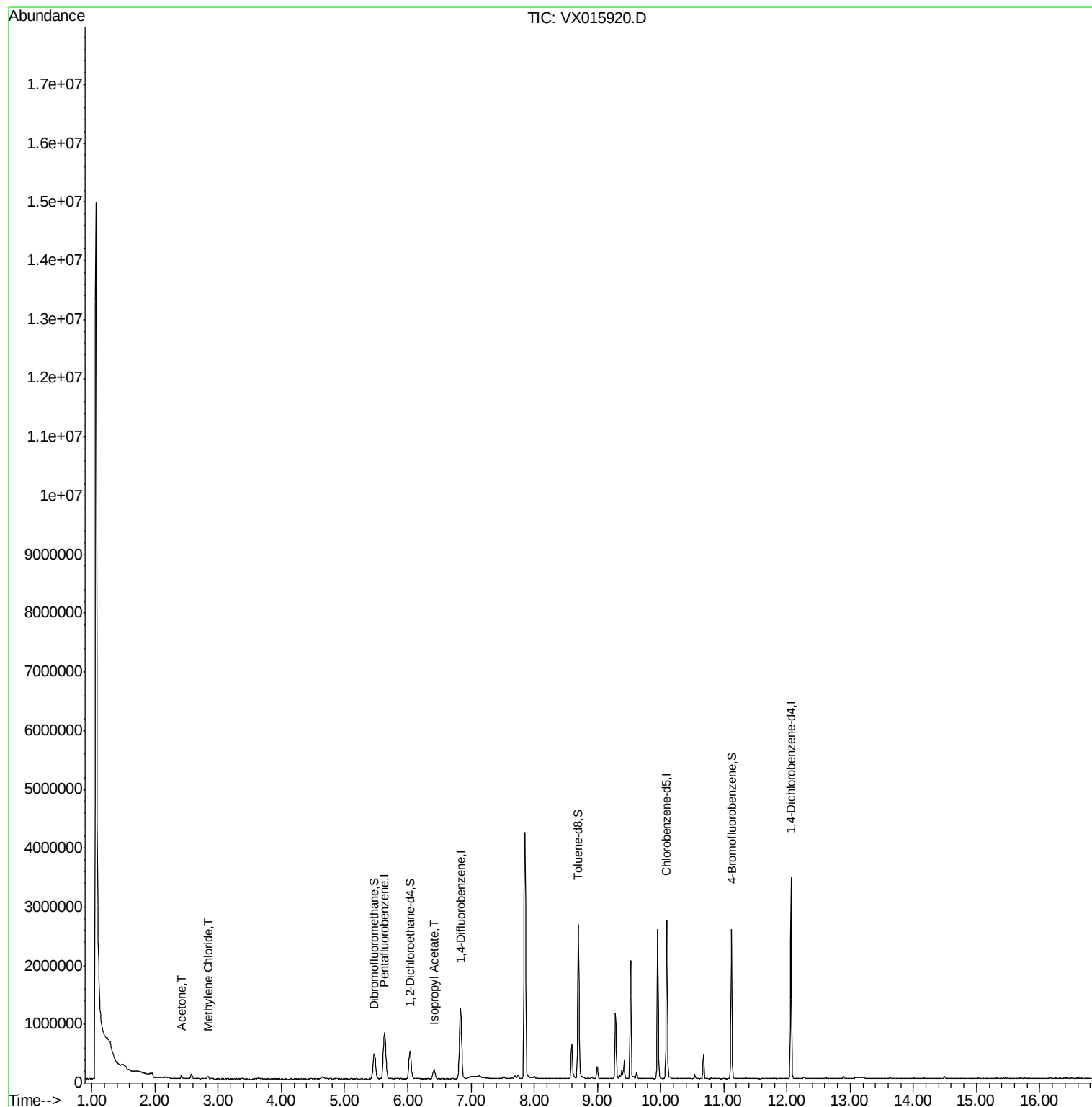
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	844257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1251717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1234940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	702564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	458635	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
35) Dibromofluoromethane	5.47	113	369365	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	8.70	98	1556488	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	11.12	95	656789	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
Target Compounds						
16) Acetone	2.42	43	73918	17.679	ug/l	98
20) Methylene Chloride	2.83	84	20212	2.381	ug/l	91
43) Isopropyl Acetate	6.42	43	241310	10.832	ug/l	100

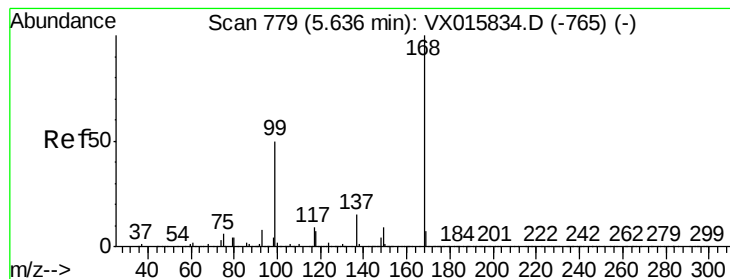
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015920.D

Acq: 24 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

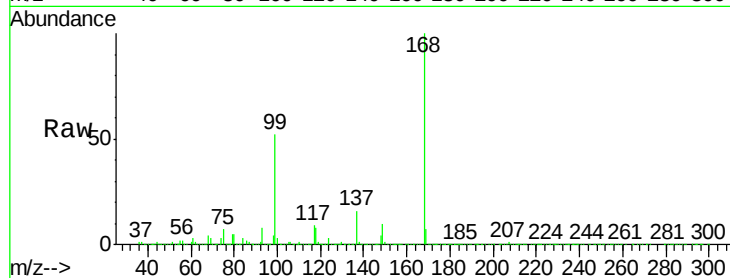
TP-1-COMP

Tot Ion:168 Resp: 844257

Ion Ratio Lower Upper

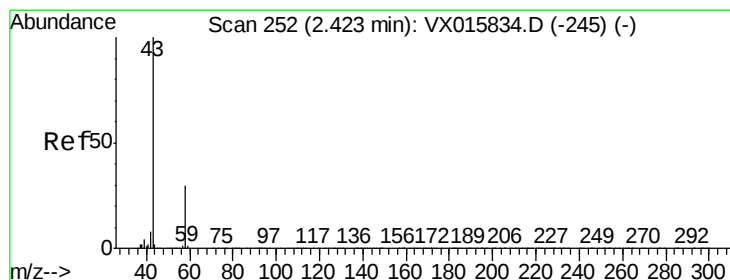
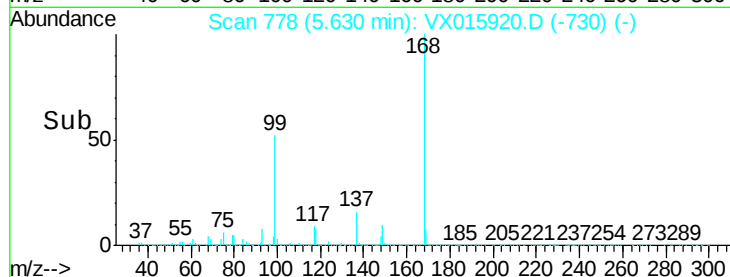
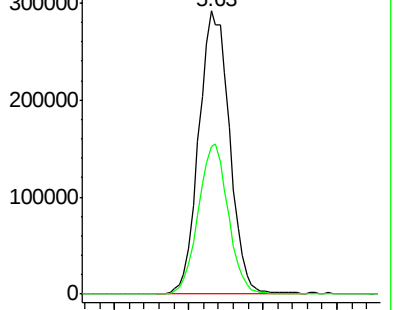
168 100

99 52.2 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: 17.679 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015920.D

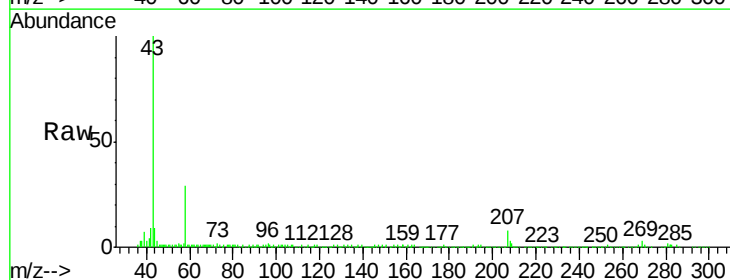
Acq: 24 Apr 2020 03:12

Tgt Ion: 43 Resp: 73918

Ion Ratio Lower Upper

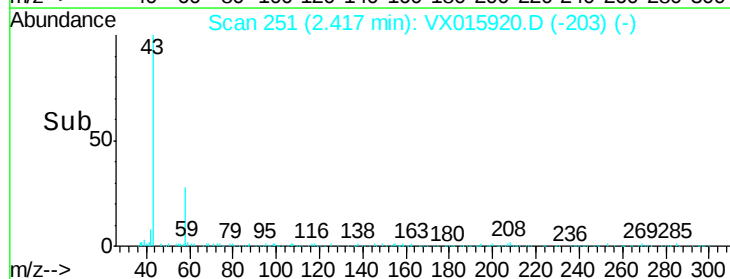
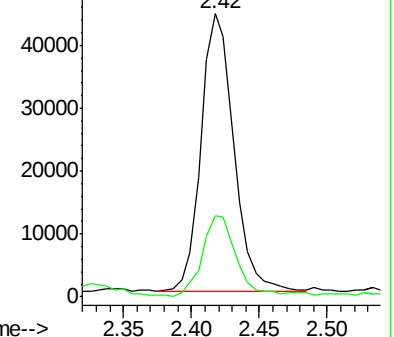
43 100

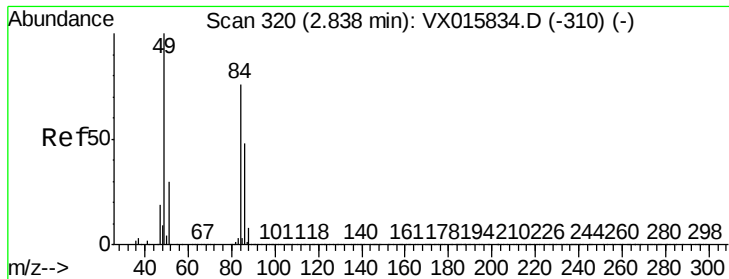
58 28.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

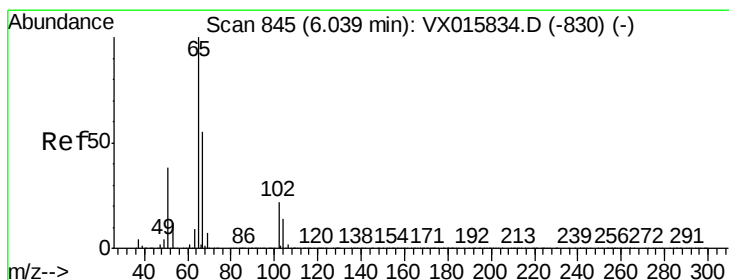
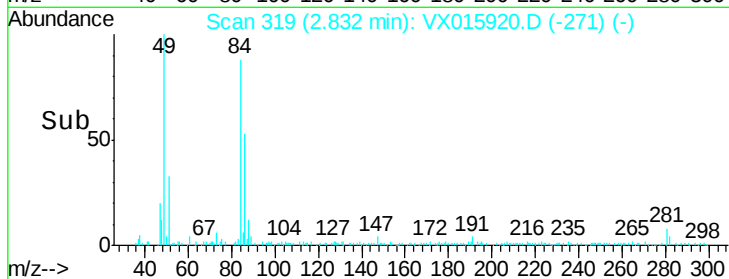
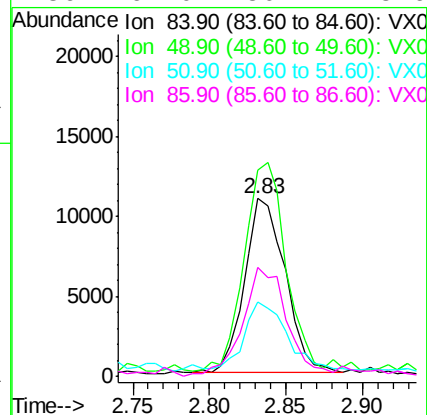
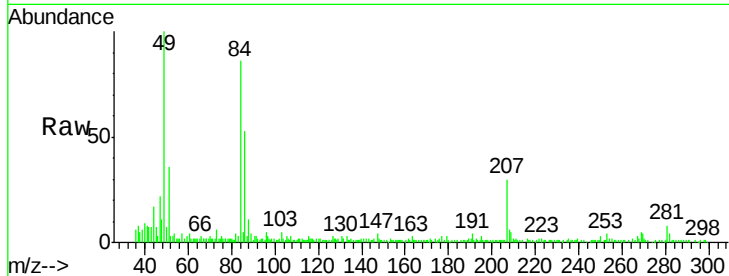




#20
Methvlene Chloride
Concen: 2.381 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015920.D
Acq: 24 Apr 2020 03:12

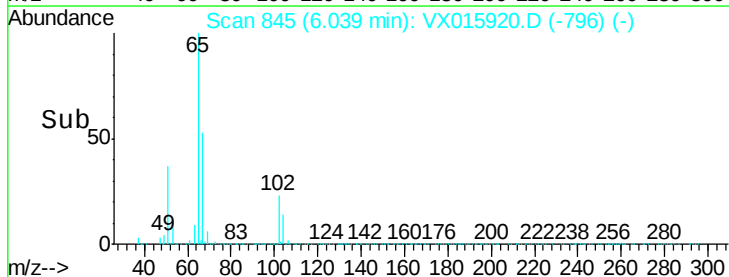
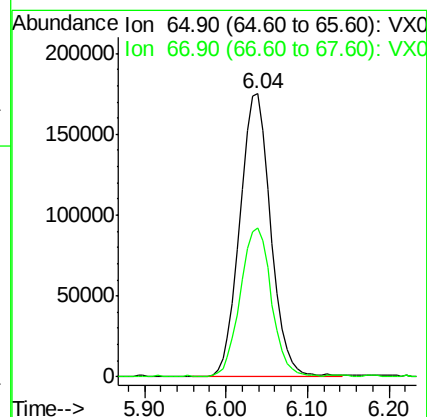
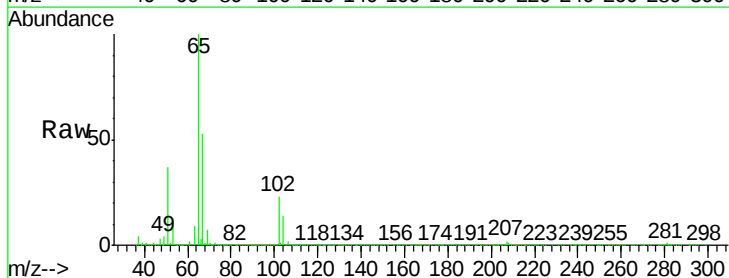
Instrument :
MSVOA_X
ClientSampleId :
TP-1-COMP

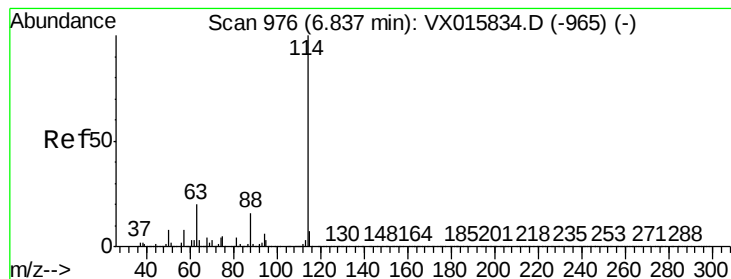
Tot Ion:	84	Resp:	20212
Ion	Ratio	Lower	Upper
84	100		
49	115.1	104.9	157.3
51	38.3	32.0	48.0
86	61.0	50.4	75.6



#33
1,2-Dichloroethane-d4
Concen: 47.763 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015920.D
Acq: 24 Apr 2020 03:12

Tgt Ion:	65	Resp:	458635
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015920.D

Acq: 24 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

TP-1-COMP

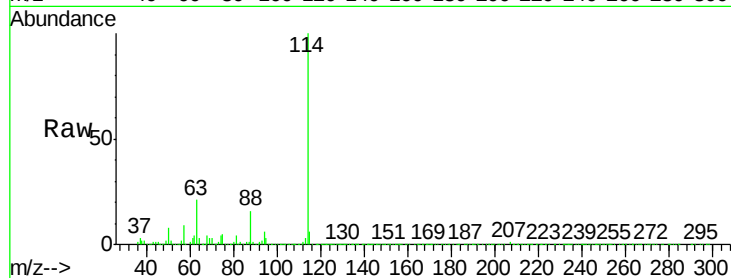
Tot Ion:114 Resp: 1251717

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

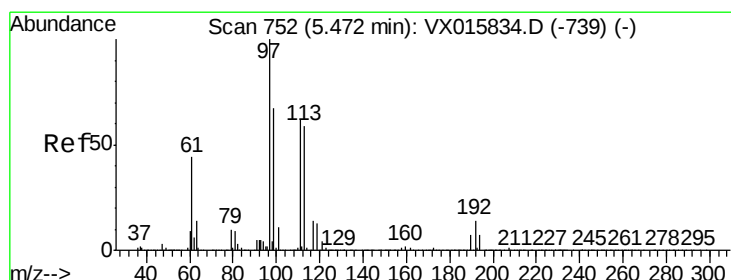
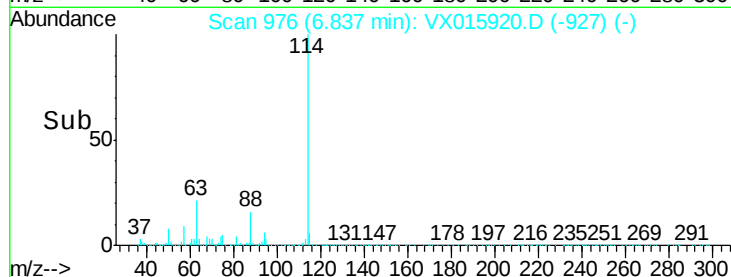
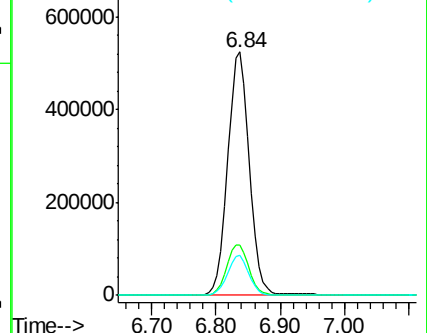
88 16.3 0.0 32.8



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: 51.122 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015920.D

Acq: 24 Apr 2020 03:12

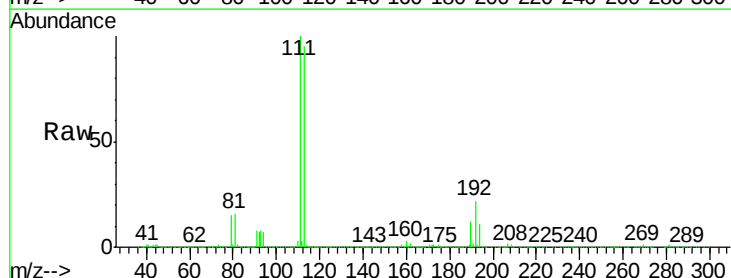
Tgt Ion:113 Resp: 369365

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

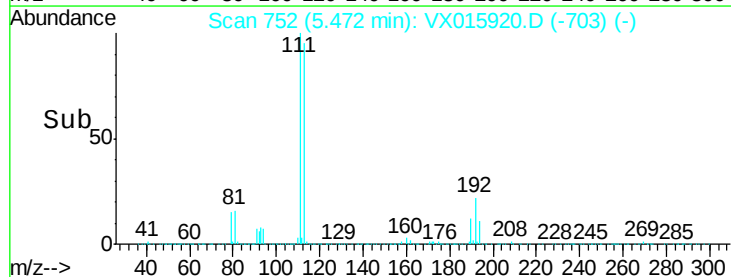
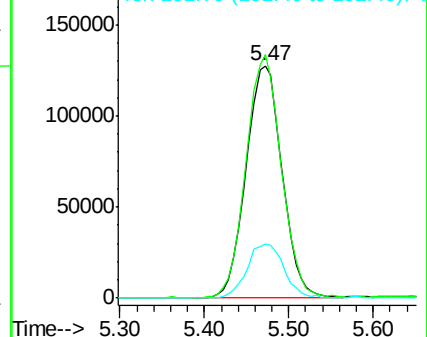
192 24.2 19.3 28.9

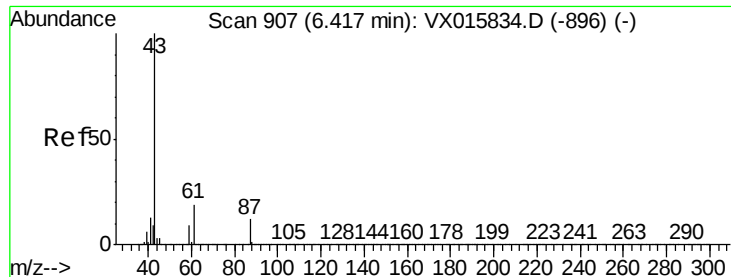


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



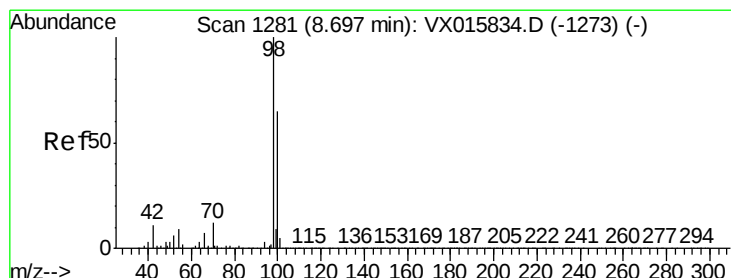
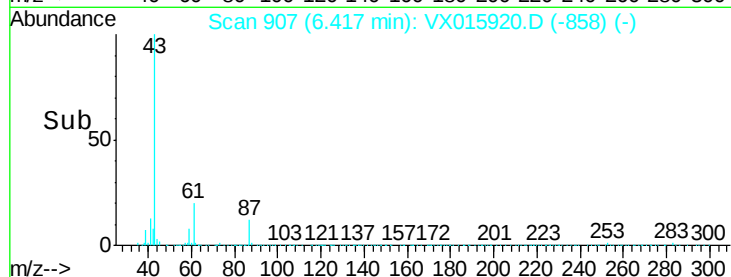
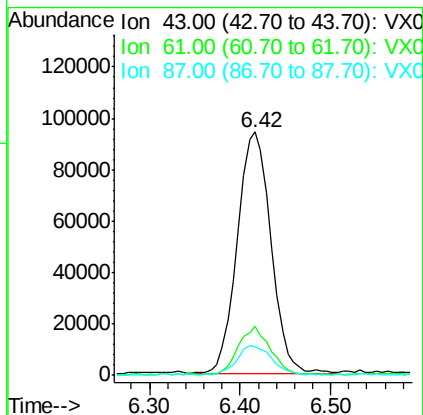
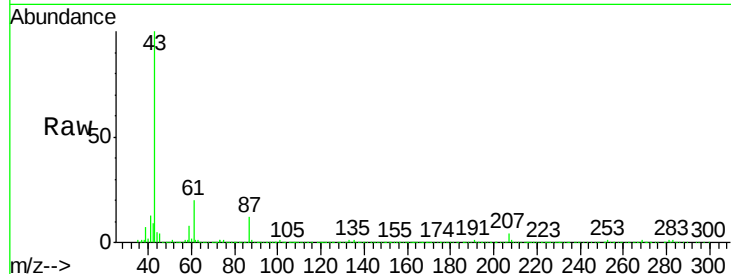


#43

Isopropyl Acetate
 Concen: 10.832 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015920.D
 Acq: 24 Apr 2020 03:12

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-COMP

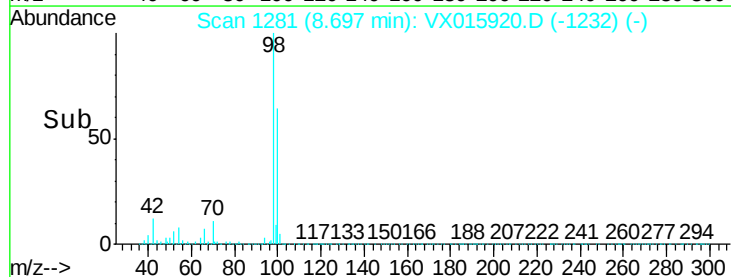
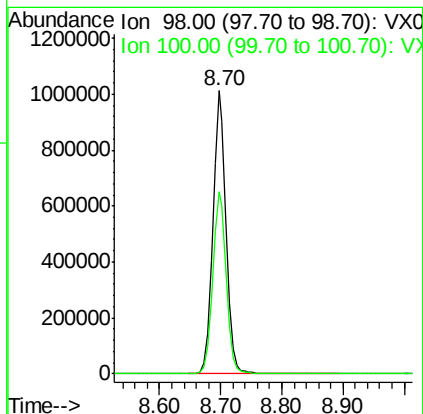
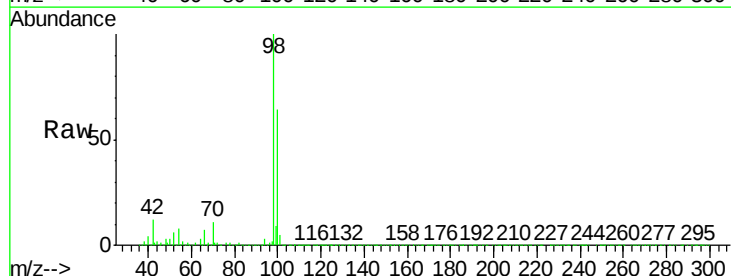
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.2
87	12.4	9.8	14.6

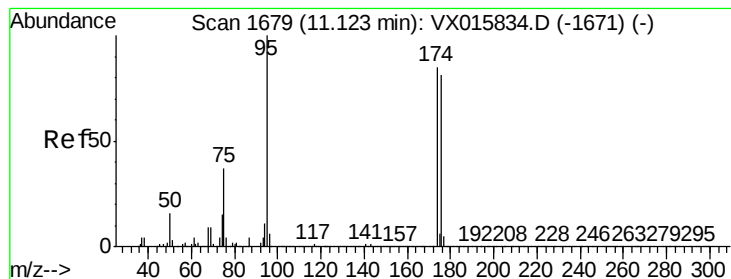


#50

Toluene-d8
 Concen: 53.513 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VX015920.D
 Acq: 24 Apr 2020 03:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6





#62

4-Bromofluorobenzene

Concen: 55.045 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015920.D

Acq: 24 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

TP-1-COMP

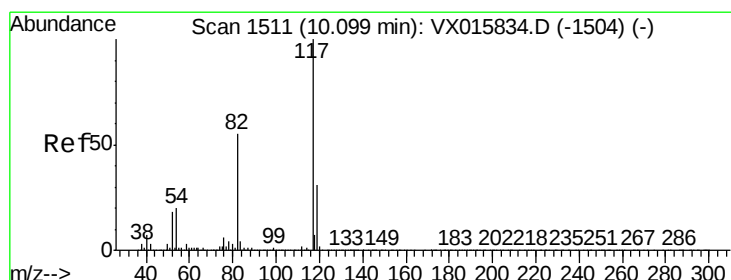
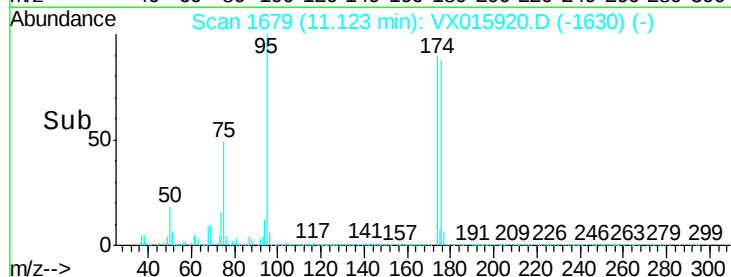
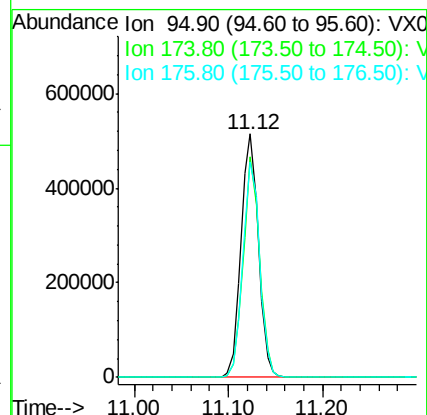
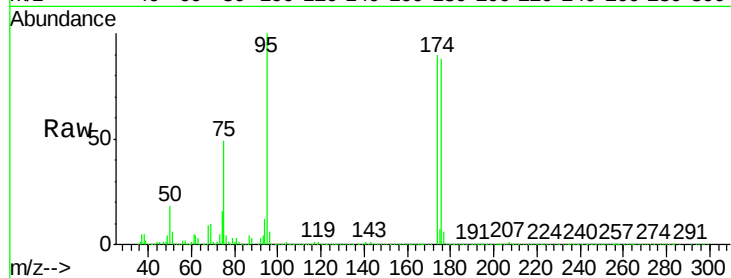
Tot Ion: 95 Resp: 656789

Ion Ratio Lower Upper

95 100

174 85.8 0.0 172.4

176 86.5 0.0 167.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015920.D

Acq: 24 Apr 2020 03:12

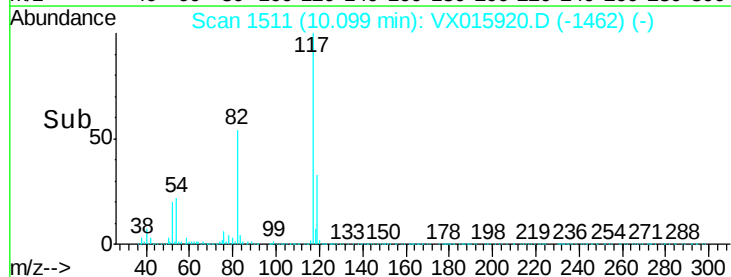
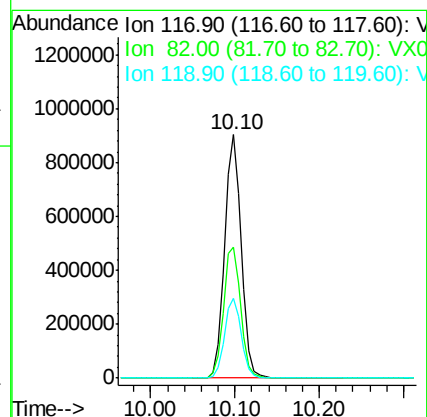
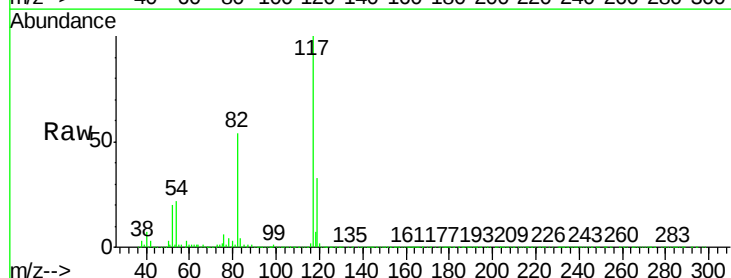
Tgt Ion: 117 Resp: 1234940

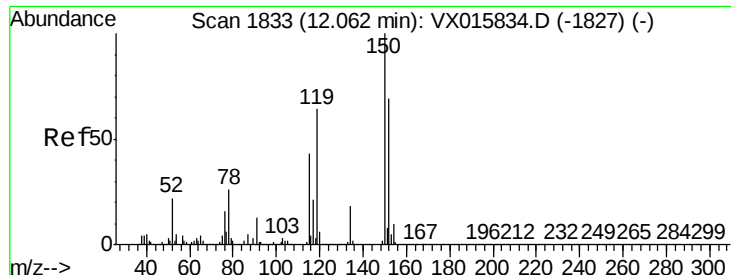
Ion Ratio Lower Upper

117 100

82 53.9 43.9 65.9

119 32.7 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015920.D

Acq: 24 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

TP-1-COMP

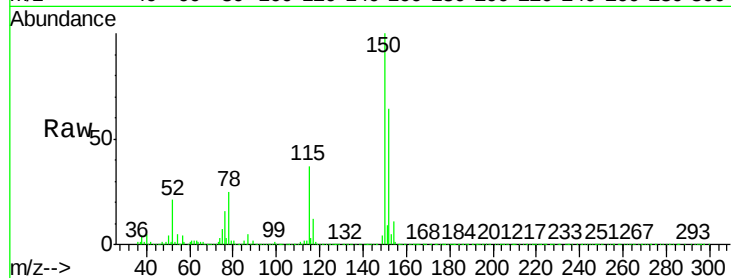
Tot Ion:152 Resp: 702564

Ion Ratio Lower Upper

152 100

115 57.6 39.0 116.9

150 161.0 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

