

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014512.D
 Acq On : 09 Jan 2020 21:16
 Operator : JC/SP
 Sample : L1060-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Jan 10 07:59:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

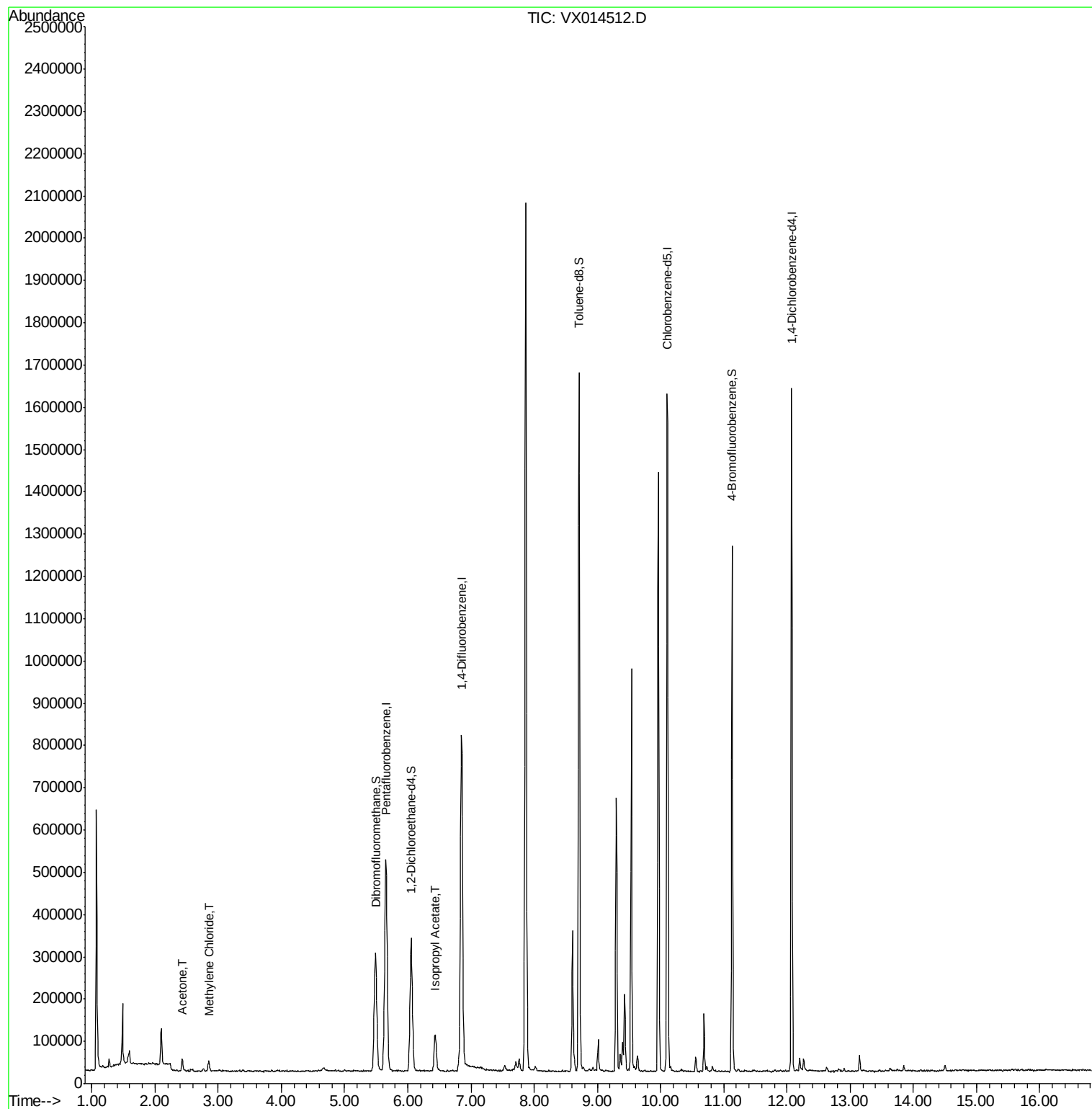
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	523523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	811020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	738924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	288719	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	239479	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.71	98	970151	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	334615	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
Target Compounds						
16) Acetone	2.43	43	32445	7.011	ug/l	94
20) Methylene Chloride	2.85	84	12161	2.068	ug/l #	96
43) Isopropyl Acetate	6.43	43	120926	9.036	ug/l	99

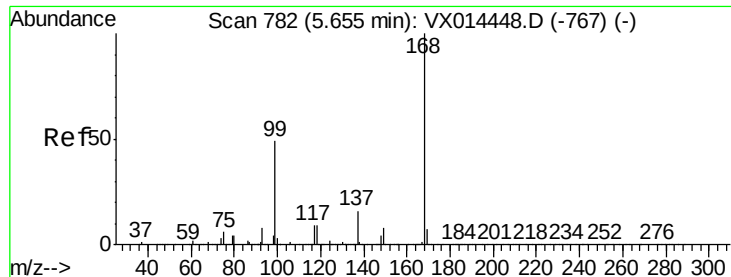
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014512.D

Acq: 09 Jan 2020 21:16

Instrument :

MSVOA_X

ClientSampled :

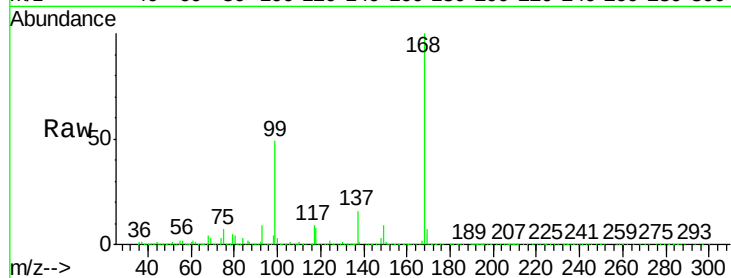
TP-3

Tot Ion:168 Resp: 523523

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

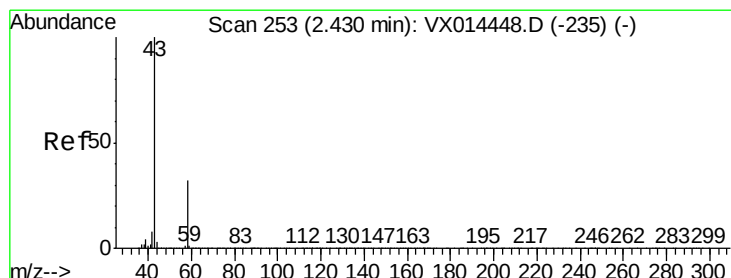
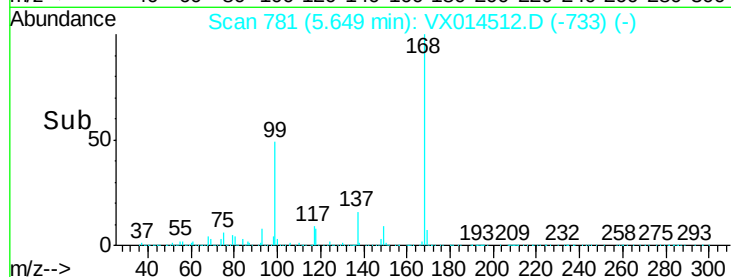
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.011 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014512.D

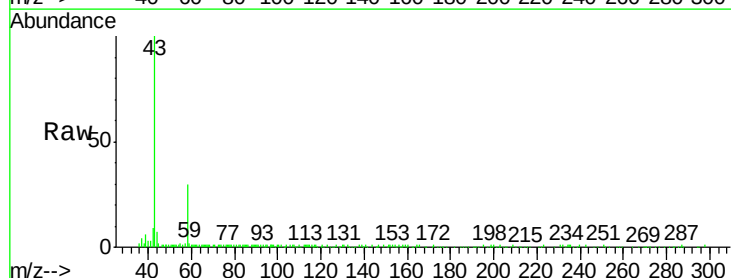
Acq: 09 Jan 2020 21:16

Tgt Ion: 43 Resp: 32445

Ion Ratio Lower Upper

43 100

58 28.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

15000

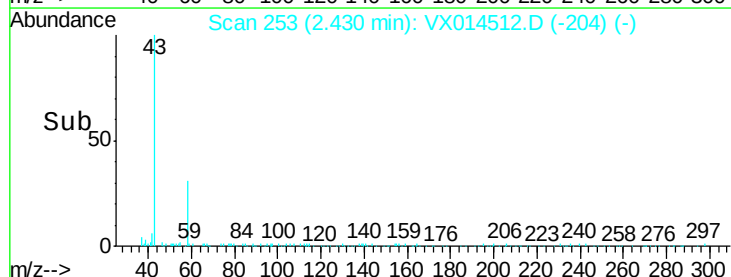
10000

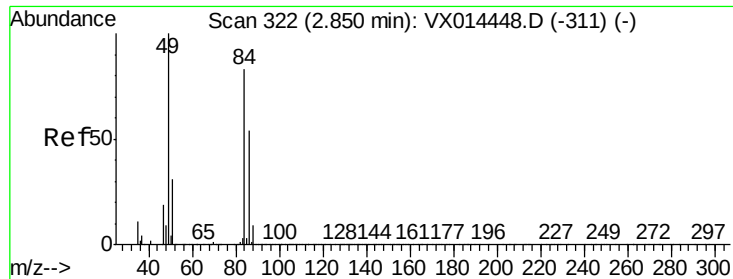
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

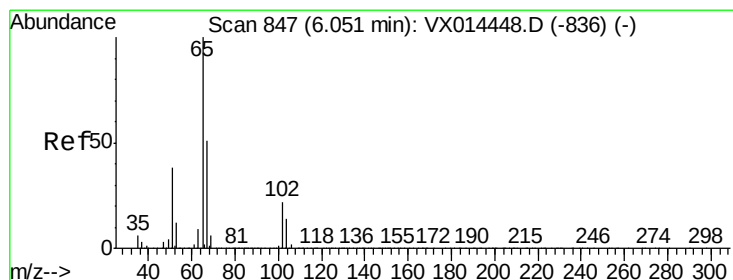
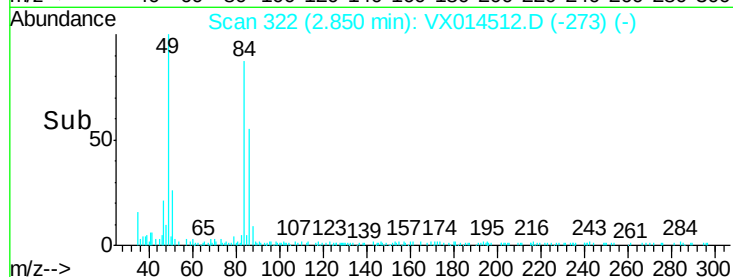
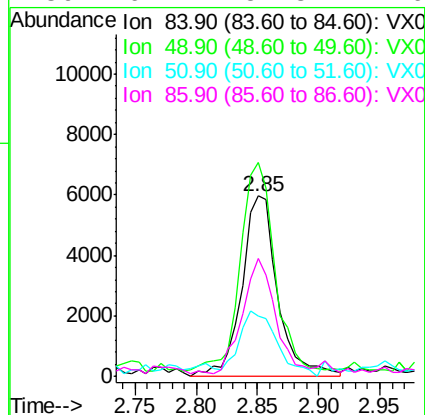
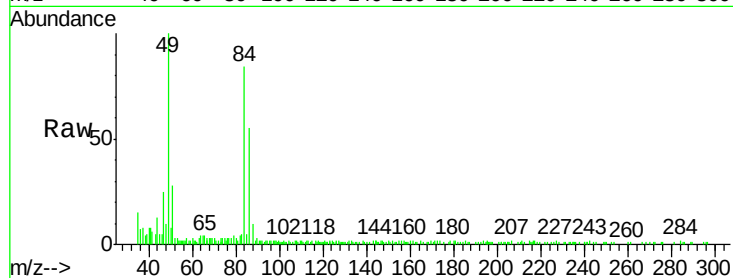




#20
Methylene Chloride
Concen: 2.068 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014512.D
Acq: 09 Jan 2020 21:16

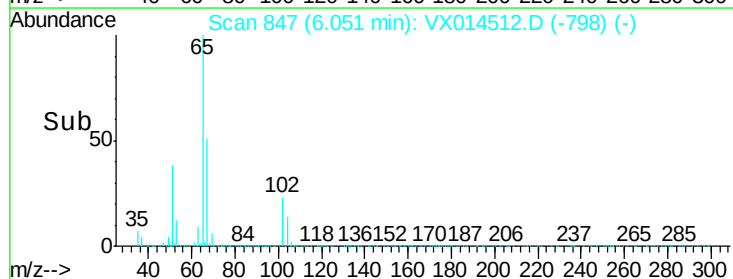
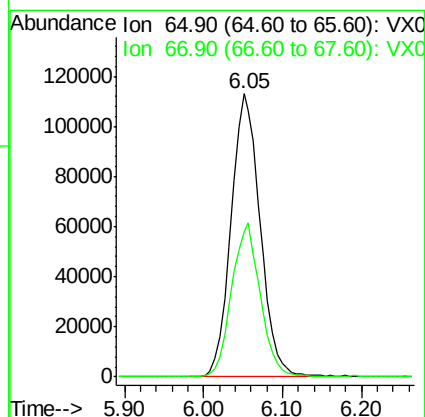
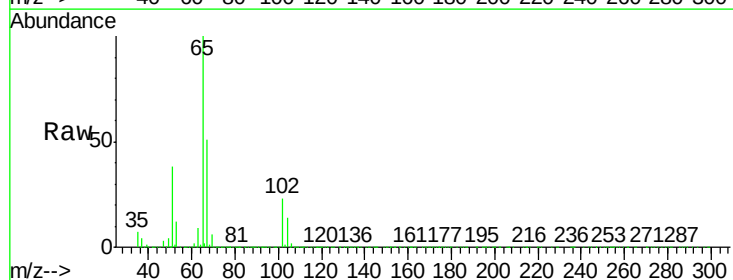
Instrument :
MSVOA_X
ClientSampled :
TP-3

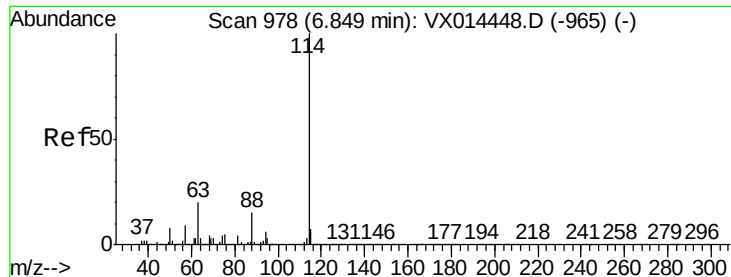
Tot Ion: 84 Resp: 12161
Ion Ratio Lower Upper
84 100
49 117.1 95.8 143.8
51 29.8 30.2 45.4#
86 64.7 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 49.402 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014512.D
Acq: 09 Jan 2020 21:16

Tgt Ion: 65 Resp: 288719
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

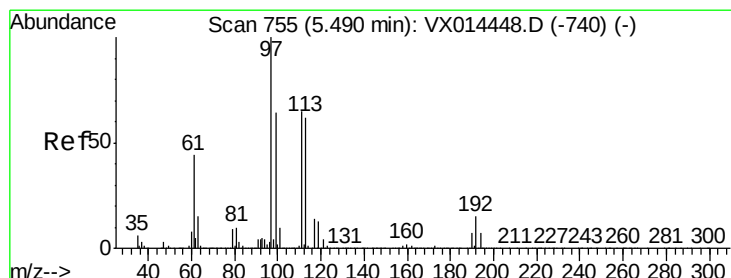
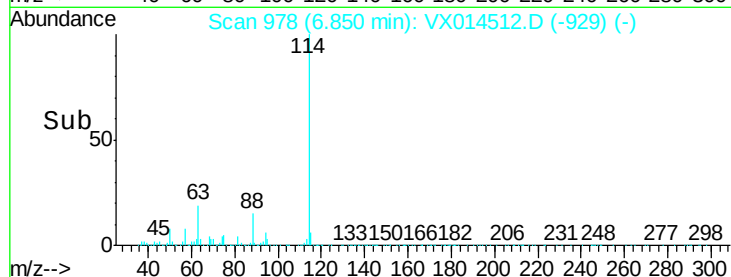
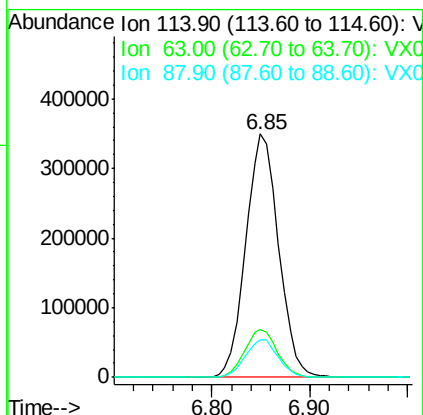
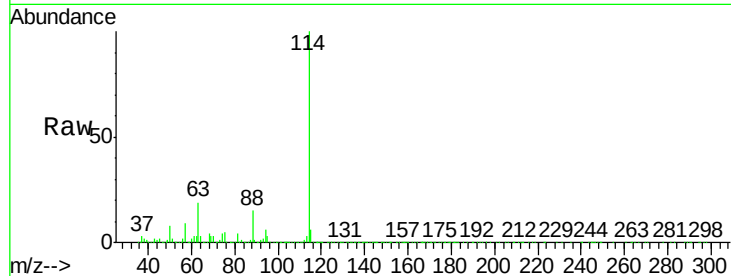




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014512.D
Acq: 09 Jan 2020 21:16

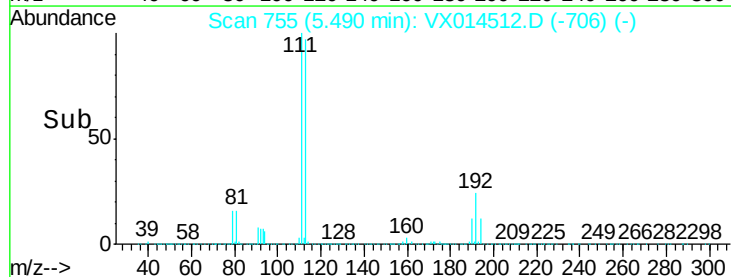
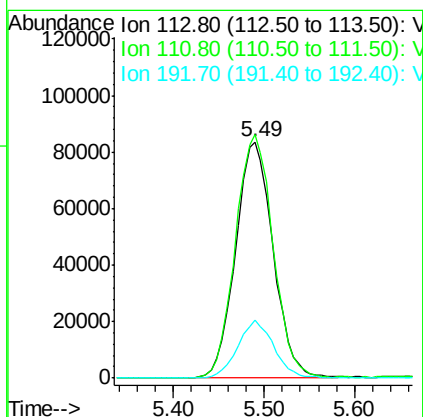
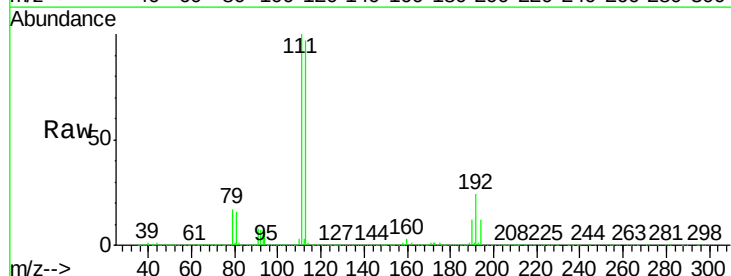
Instrument :
MSVOA_X
ClientSampleId :
TP-3

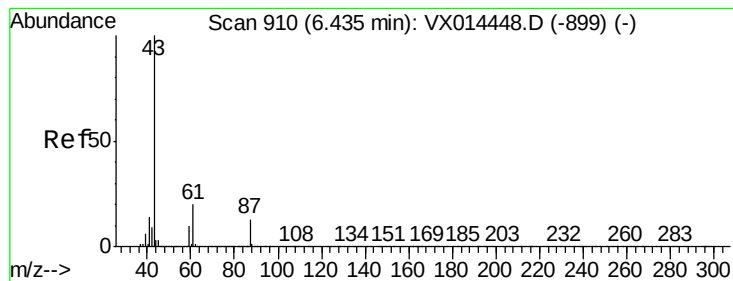
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.6
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 48.779 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014512.D
Acq: 09 Jan 2020 21:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	23.8	19.2	28.8





#43

Isopropyl Acetate

Concen: 9.036 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014512.D

Acq: 09 Jan 2020 21:16

Instrument :

MSVOA_X

ClientSampled :

TP-3

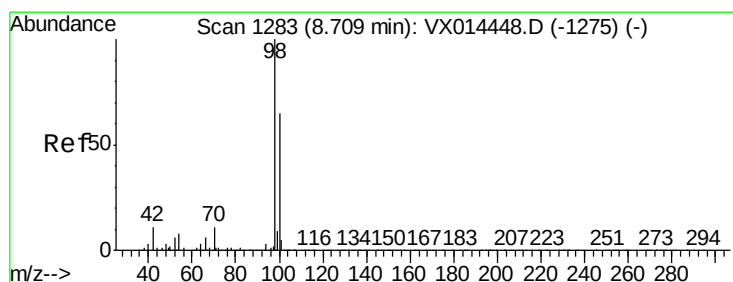
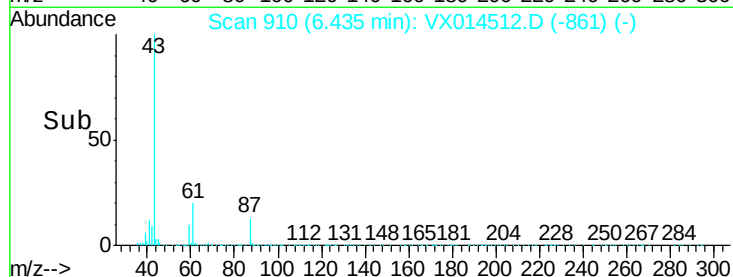
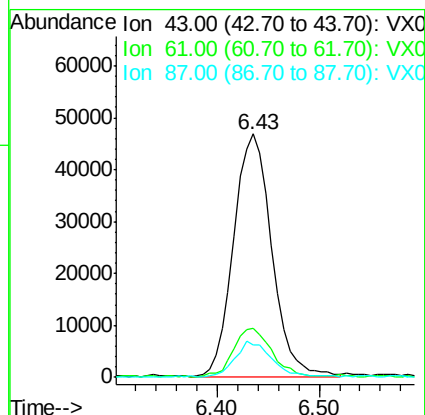
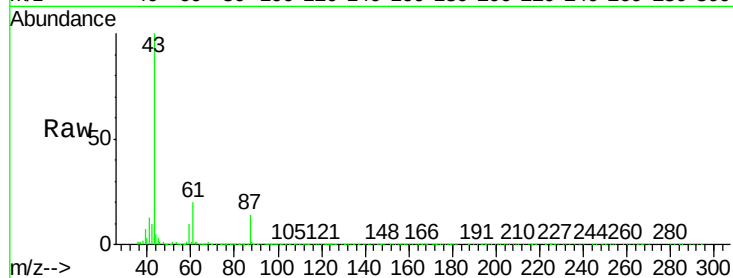
Tot Ion: 43 Resp: 120926

Ion Ratio Lower Upper

43 100

61 19.8 16.6 24.8

87 13.8 10.8 16.2



#50

Toluene-d8

Concen: 50.921 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014512.D

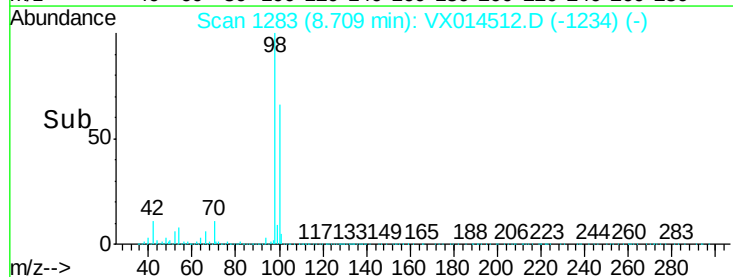
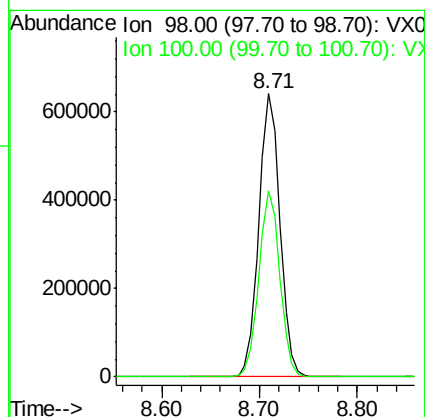
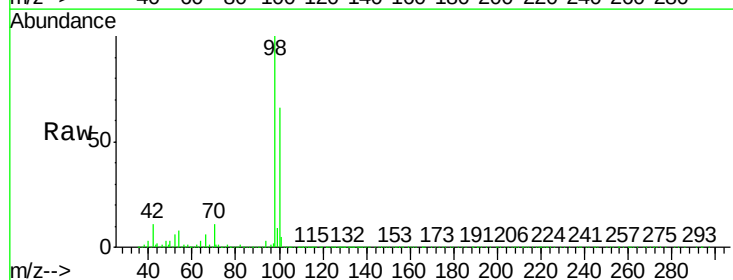
Acq: 09 Jan 2020 21:16

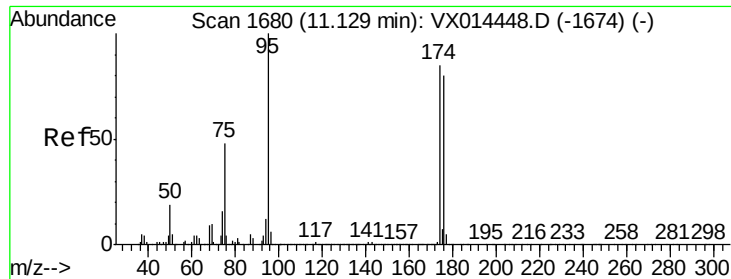
Tgt Ion: 98 Resp: 970151

Ion Ratio Lower Upper

98 100

100 64.9 53.2 79.8

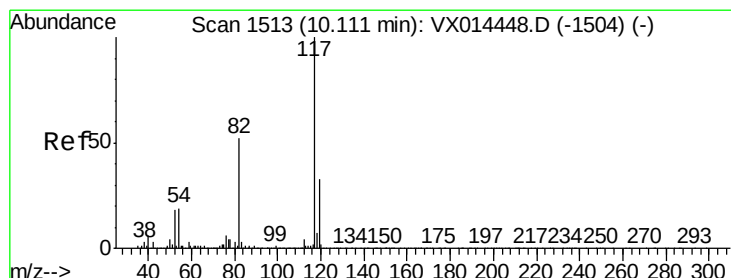
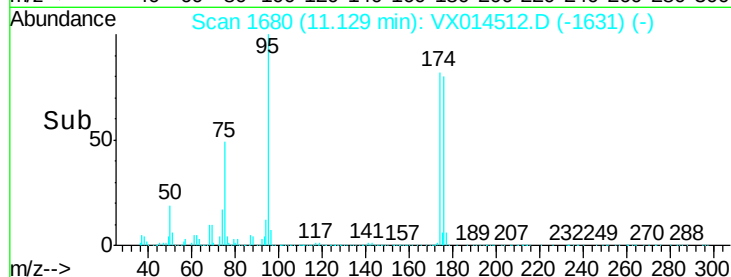
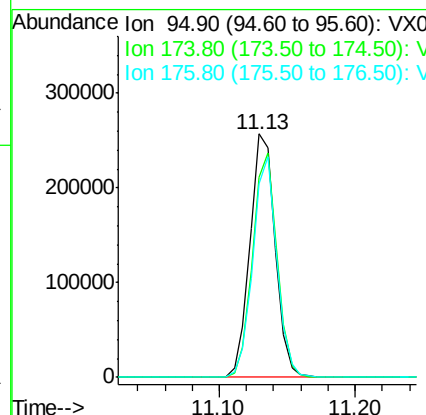
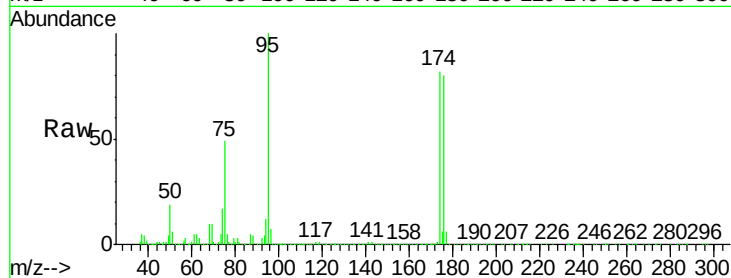




#62
4-Bromofluorobenzene
Concen: 47.842 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014512.D
Acq: 09 Jan 2020 21:16

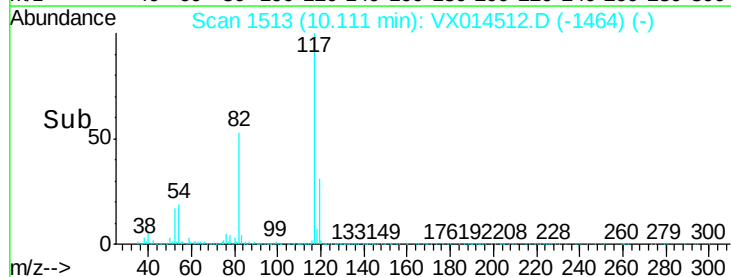
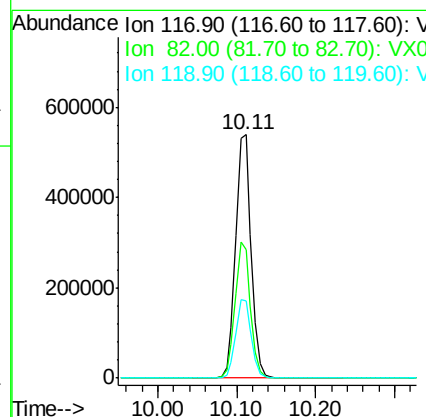
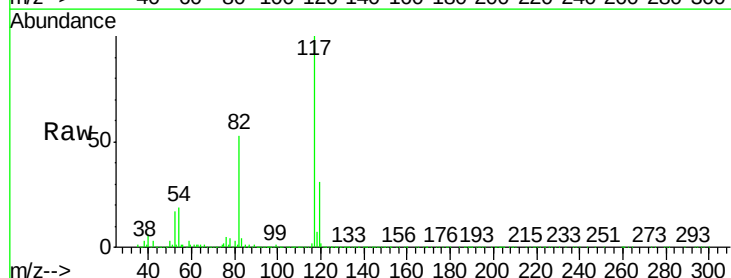
Instrument :
MSVOA_X
ClientSampleId :
TP-3

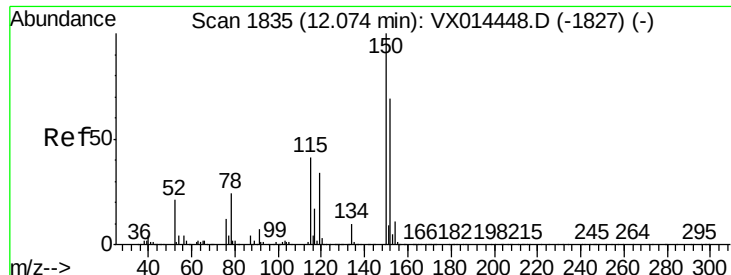
Tot Ion: 95 Resp: 334615
Ion Ratio Lower Upper
95 100
174 89.5 0.0 180.8
176 86.6 0.0 172.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014512.D
Acq: 09 Jan 2020 21:16

Tgt Ion: 117 Resp: 738924
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 31.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014512.D

Acq: 09 Jan 2020 21:16

Instrument :

MSVOA_X

ClientSampleId :

TP-3

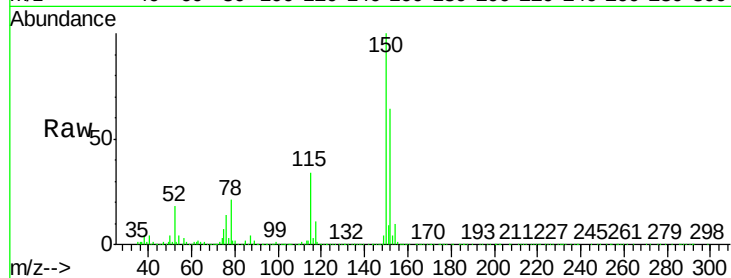
Tot Ion:152 Resp: 345879

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

150 157.7 0.0 350.2



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

