

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
 Data File : VX014470.D
 Acq On : 08 Jan 2020 14:48
 Operator : JC/SP
 Sample : L1017-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-010620

Quant Time: Jan 08 16:00:17 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

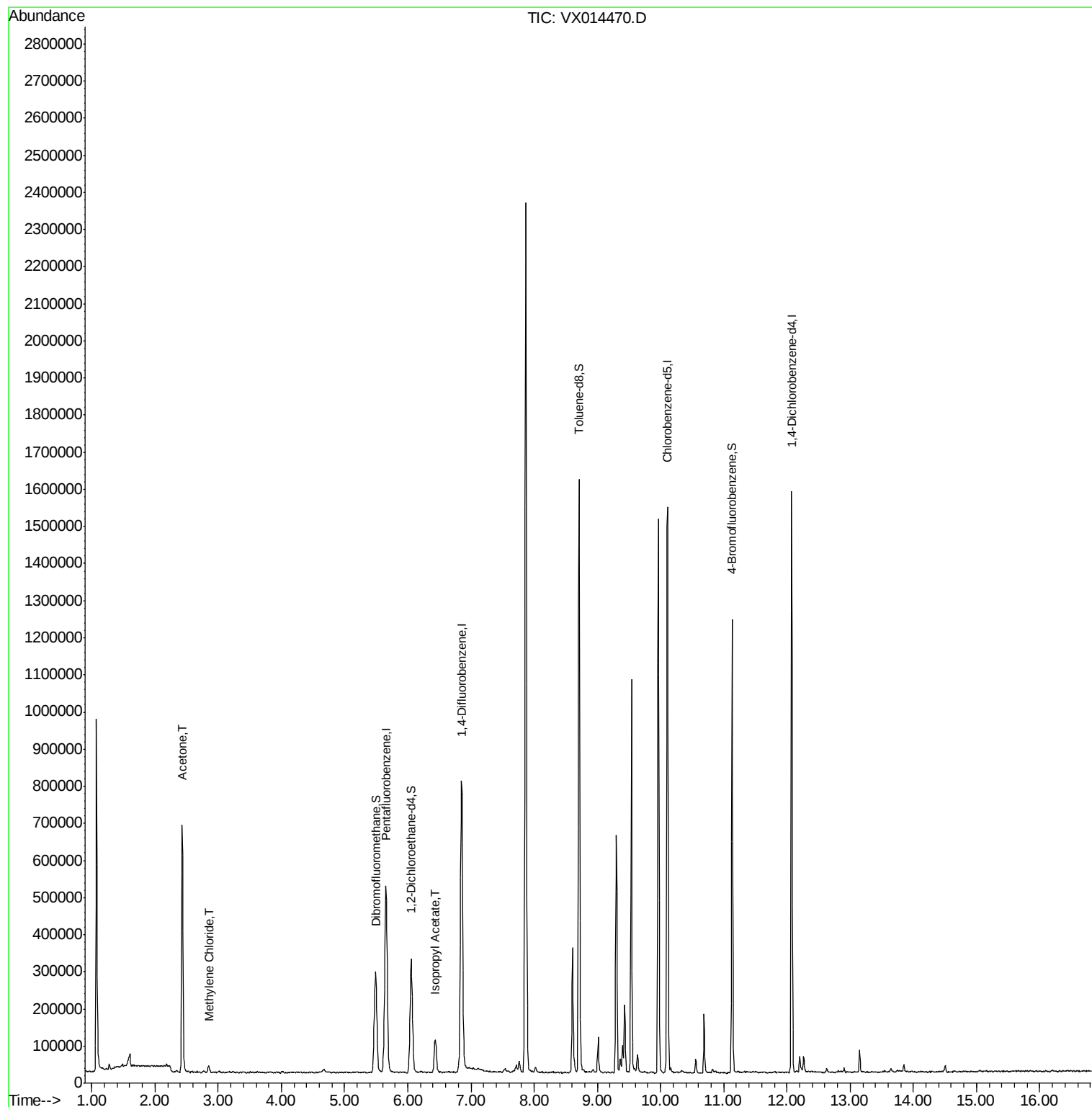
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	526415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	800220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	724120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	280862	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
35) Dibromofluoromethane	5.49	113	239169	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	950885	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	324349	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
Target Compounds						
16) Acetone	2.43	43	700114	237.396	ug/l	100
20) Methylene Chloride	2.85	84	10394	1.758	ug/l	94
43) Isopropyl Acetate	6.43	43	125716	9.521	ug/l	98

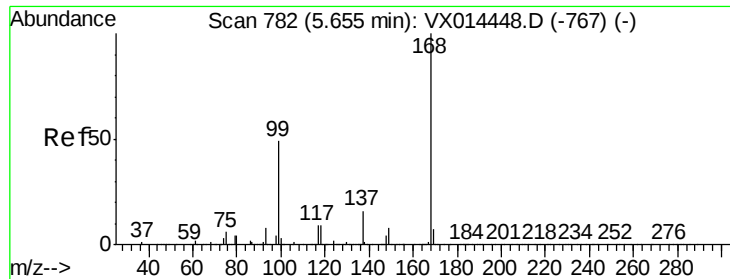
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014470.D

Acq: 08 Jan 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

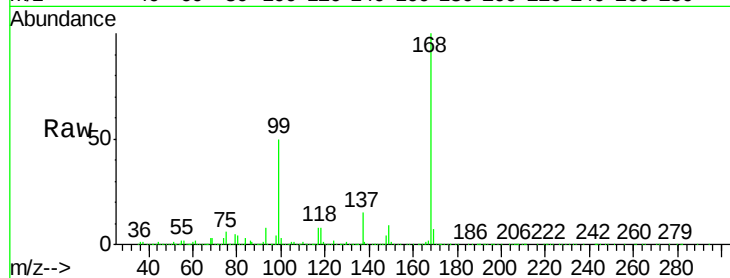
TR-04-010620

Tgt Ion:168 Resp: 526415

Ion Ratio Lower Upper

168 100

99 50.4 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

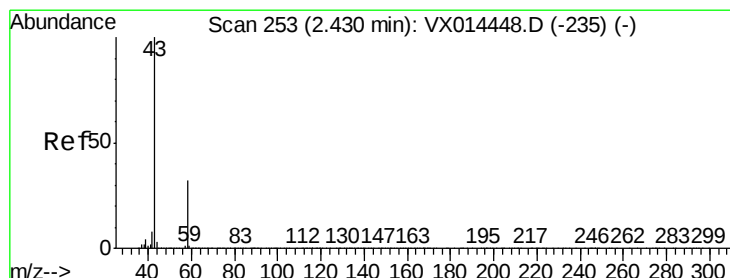
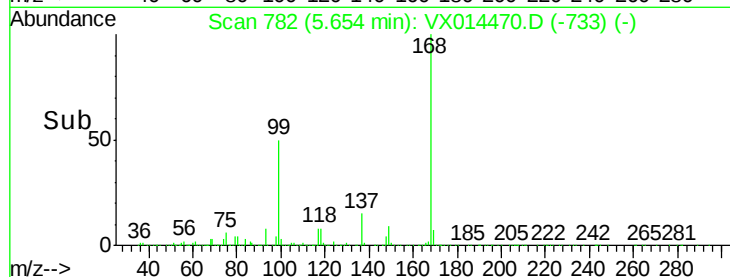
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 237.396 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014470.D

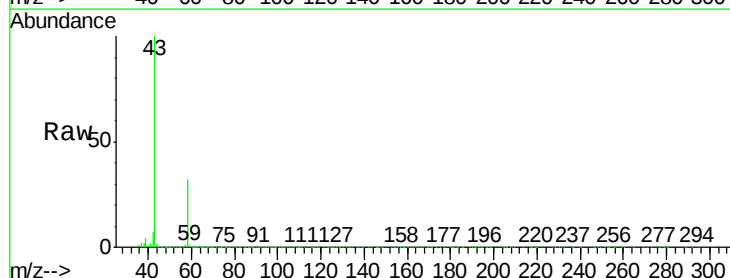
Acq: 08 Jan 2020 14:48

Tgt Ion: 43 Resp: 700114

Ion Ratio Lower Upper

43 100

58 31.5 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

500000

400000

300000

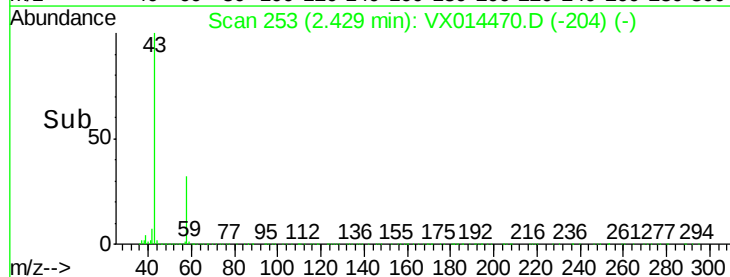
200000

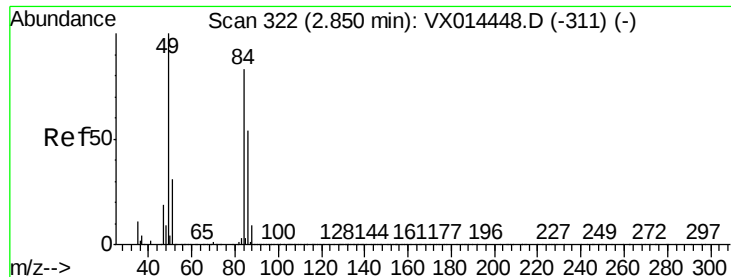
100000

0

Time-->

2.30 2.40 2.50 2.60

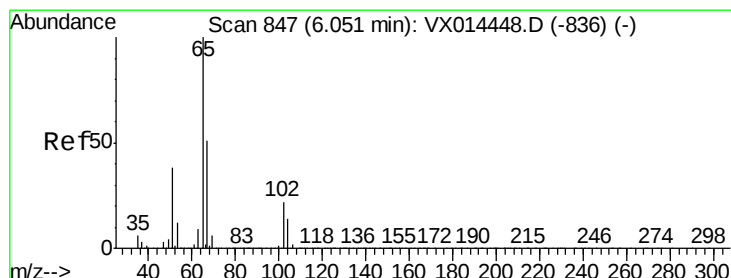
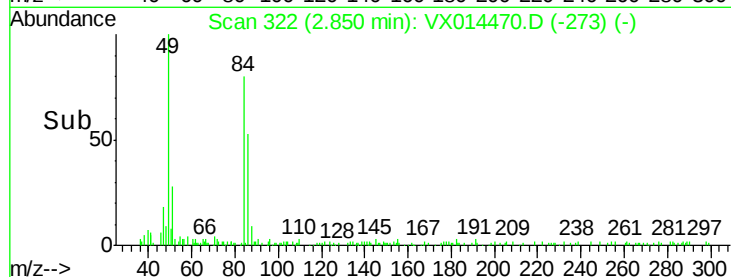
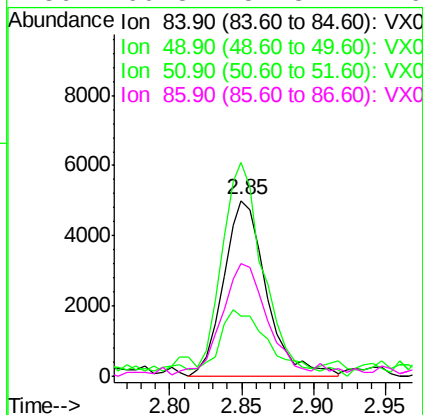
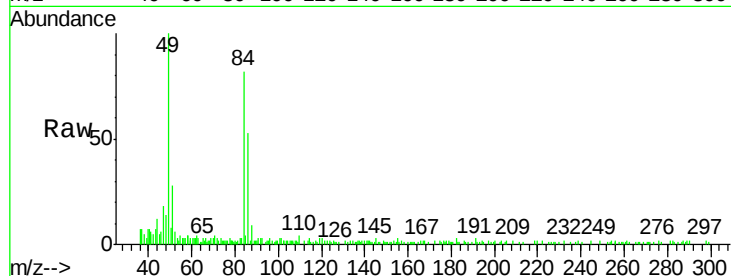




#20
Methylene Chloride
Concen: 1.758 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014470.D
Acq: 08 Jan 2020 14:48

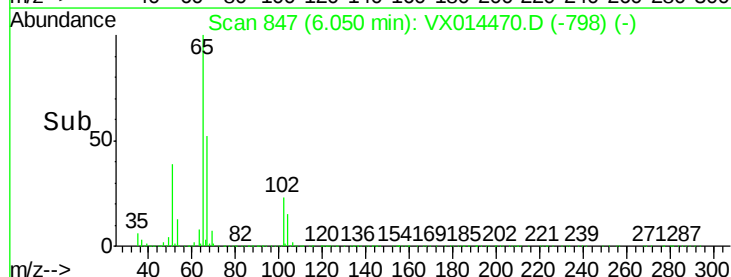
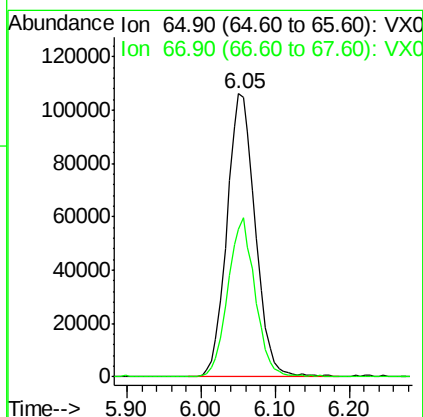
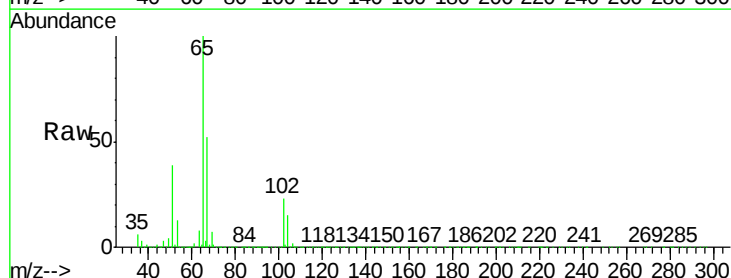
Instrument :
MSVOA_X
ClientSampleId :
TR-04-010620

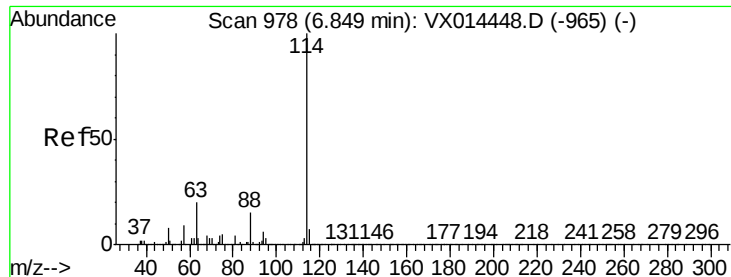
Tgt Ion:	84	Resp:	10394
Ion	Ratio	Lower	Upper
84	100		
49	114.6	95.8	143.8
51	31.2	30.2	45.4
86	60.8	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 47.793 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014470.D
Acq: 08 Jan 2020 14:48

Tgt Ion:	65	Resp:	280862
Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VX014470.D

Acq: 08 Jan 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

TR-04-010620

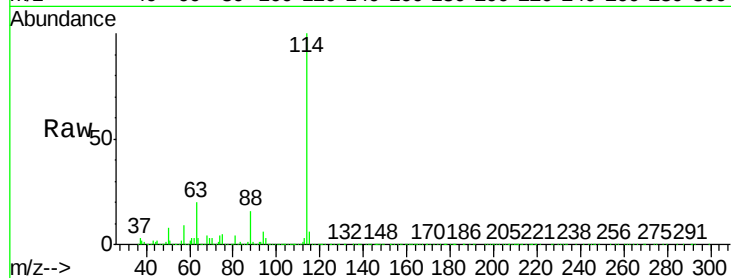
Tgt Ion:114 Resp: 800220

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

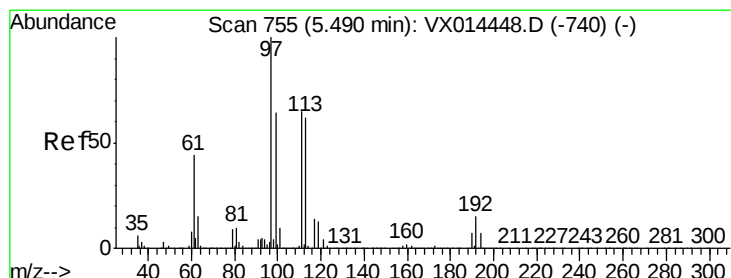
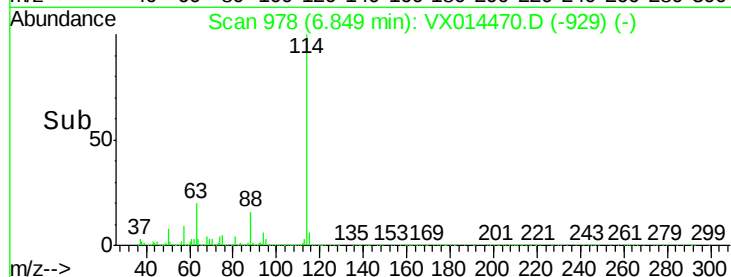
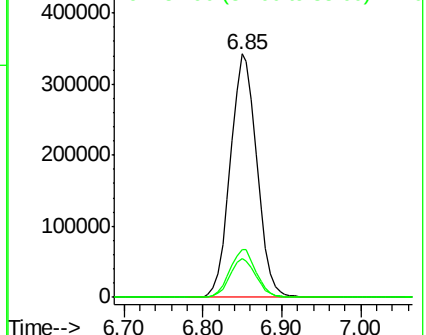
88 15.9 0.0 30.8



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: 49.373 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014470.D

Acq: 08 Jan 2020 14:48

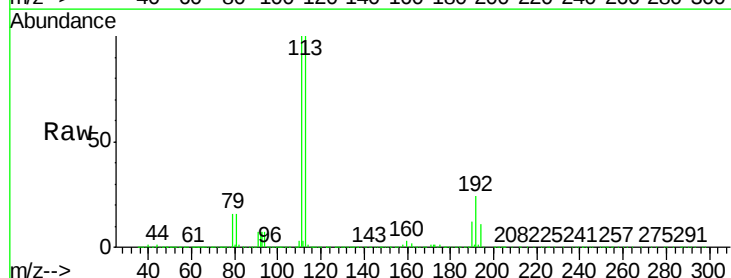
Tgt Ion:113 Resp: 239169

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

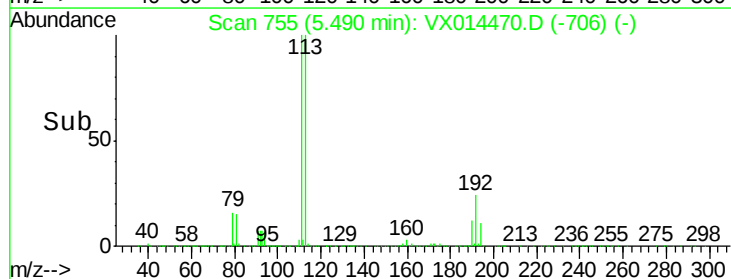
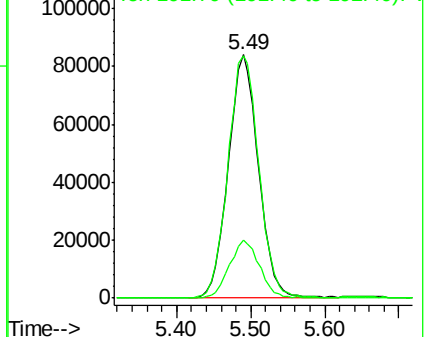
192 23.7 19.2 28.8

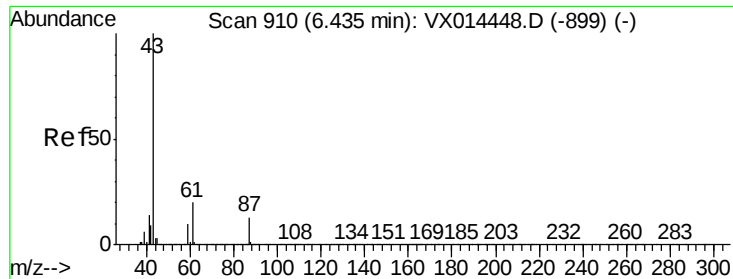


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.521 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014470.D

Acq: 08 Jan 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

TR-04-010620

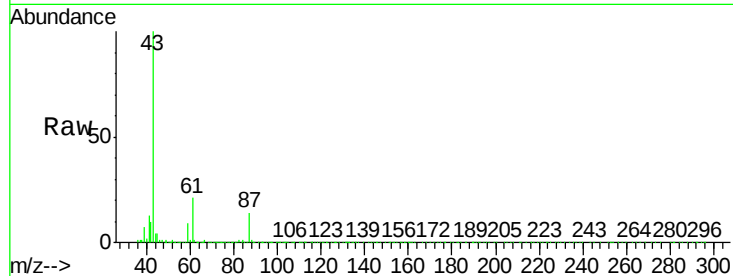
Tgt Ion: 43 Resp: 125716

Ion Ratio Lower Upper

43 100

61 19.7 16.6 24.8

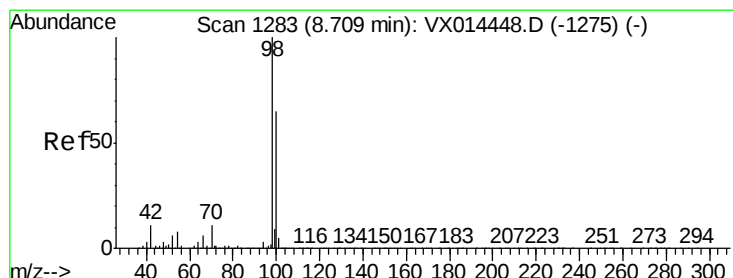
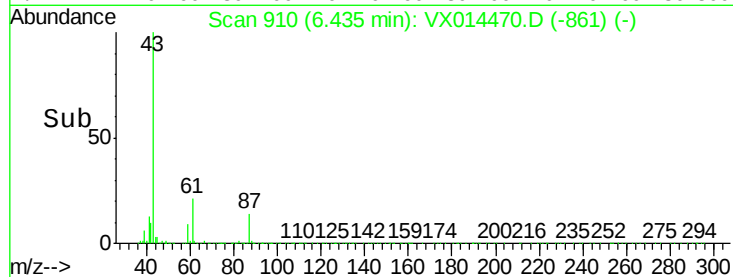
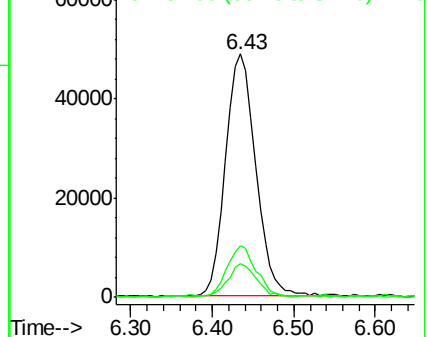
87 12.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.584 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014470.D

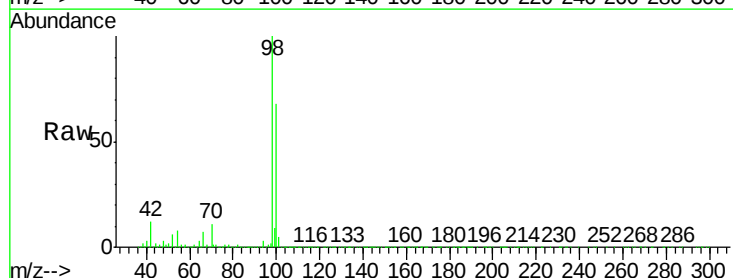
Acq: 08 Jan 2020 14:48

Tgt Ion: 98 Resp: 950885

Ion Ratio Lower Upper

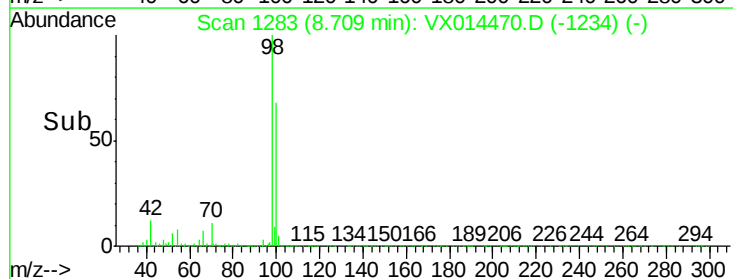
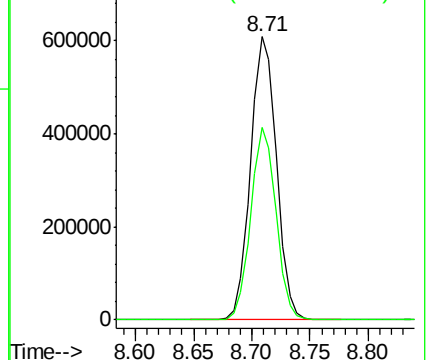
98 100

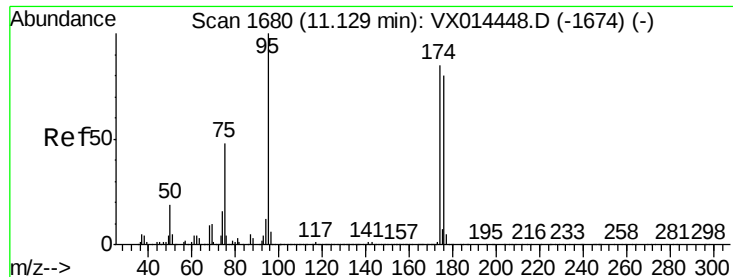
100 66.0 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.000 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014470.D

Acq: 08 Jan 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

TR-04-010620

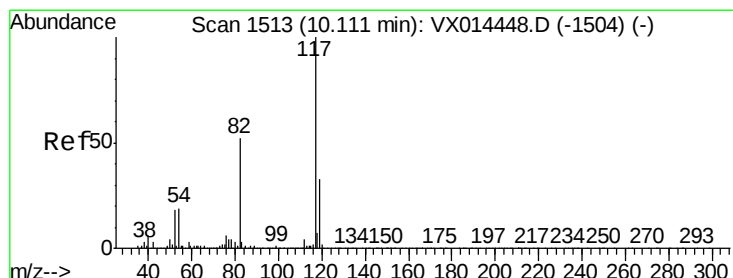
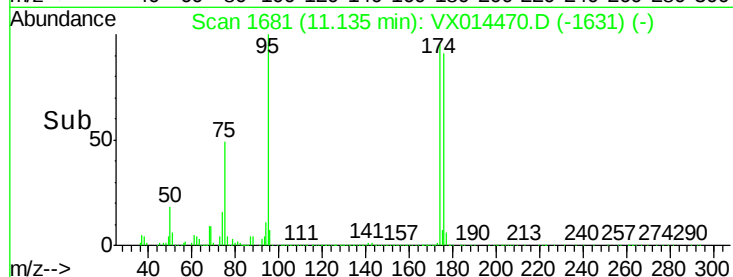
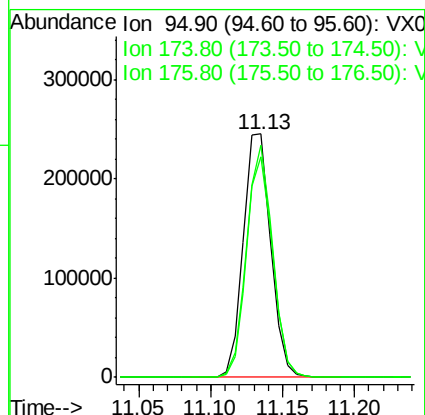
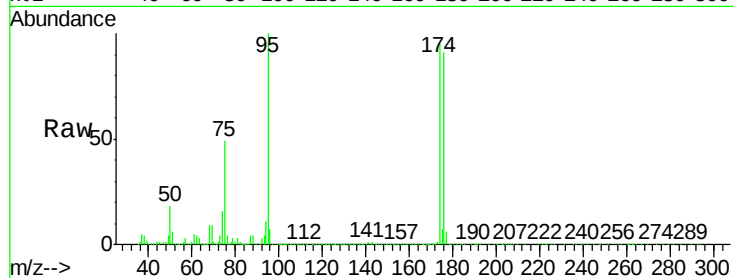
Tgt Ion: 95 Resp: 324349

Ion Ratio Lower Upper

95 100

174 90.0 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: VX014470.D

Acq: 08 Jan 2020 14:48

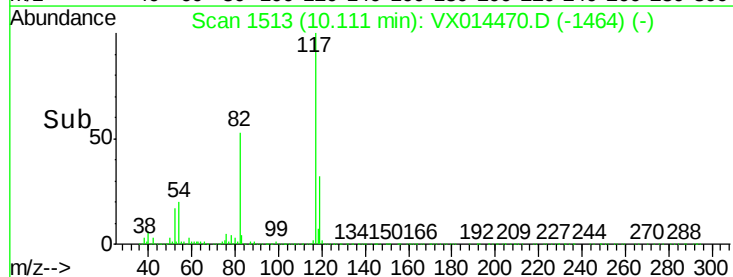
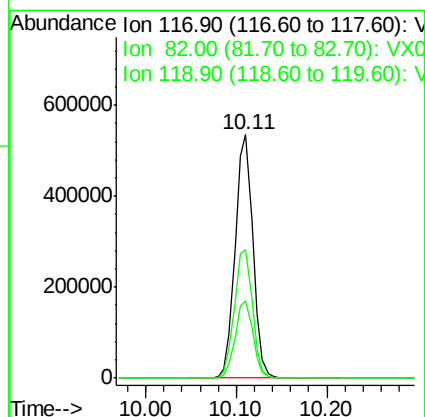
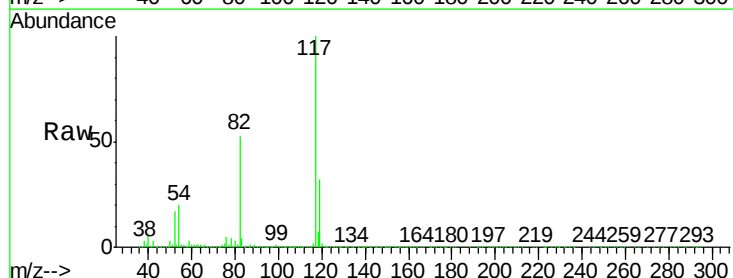
Tgt Ion: 117 Resp: 724120

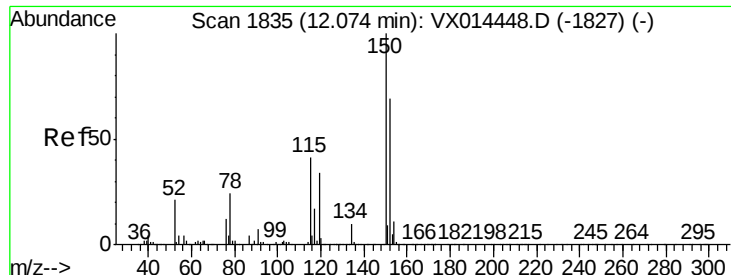
Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

119 31.6 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: VX014470.D

Acq: 08 Jan 2020 14:48

Instrument :

MSVOA_X

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TR-04-010620

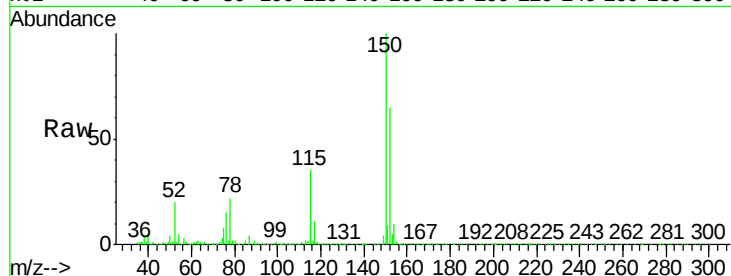
Tgt Ion:152 Resp: 330510

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

150 154.6 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

