

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014510.D
 Acq On : 09 Jan 2020 20:29
 Operator : JC/SP
 Sample : L1060-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jan 10 07:46:46 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

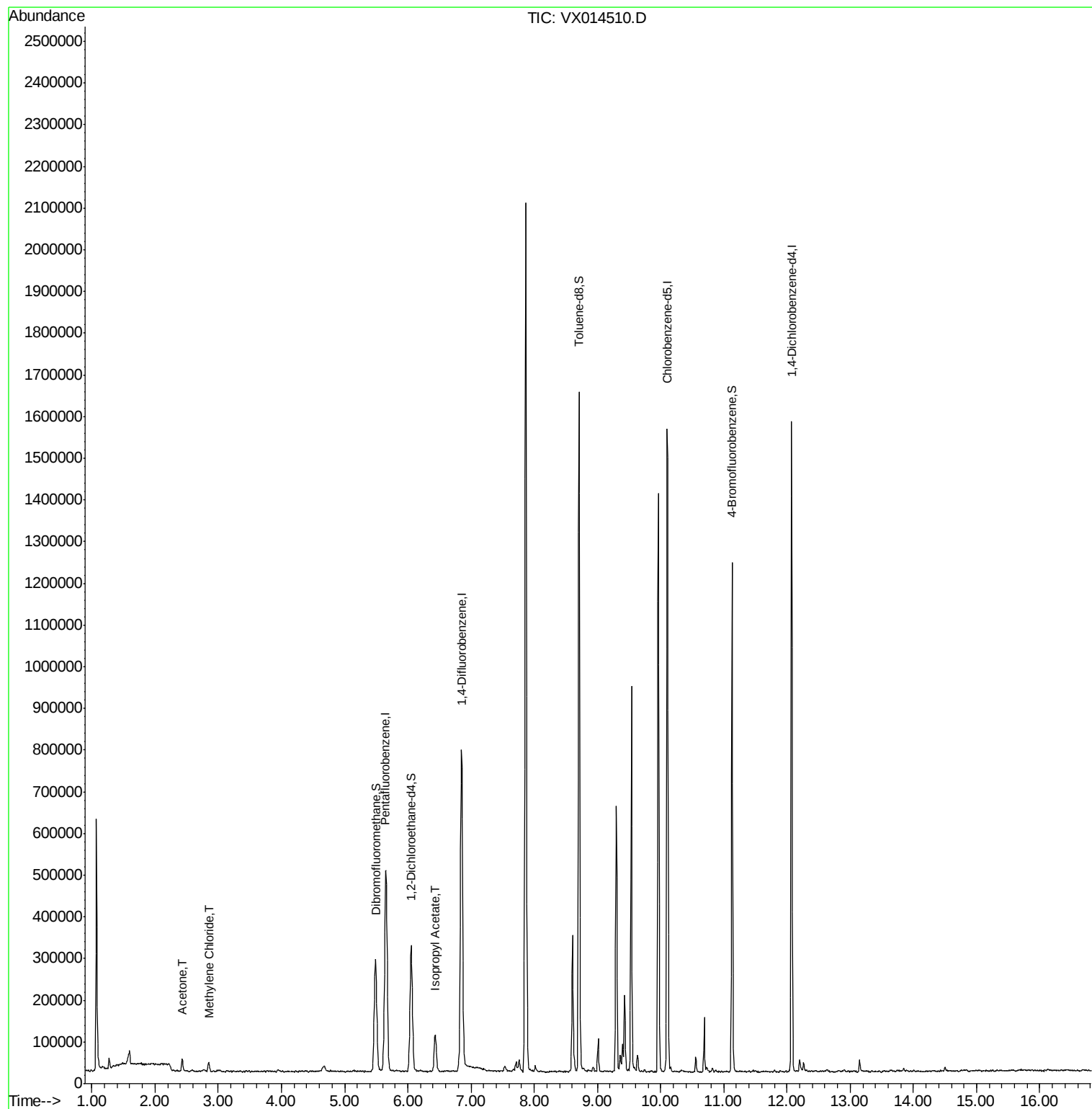
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	510097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	788660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	725037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	280249	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	5.49	113	235231	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	8.71	98	945256	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	329466	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
Target Compounds						
16) Acetone	2.43	43	30891	6.753	ug/l	98
20) Methylene Chloride	2.84	84	11100	1.938	ug/l	93
43) Isopropyl Acetate	6.44	43	123415	9.483	ug/l	99

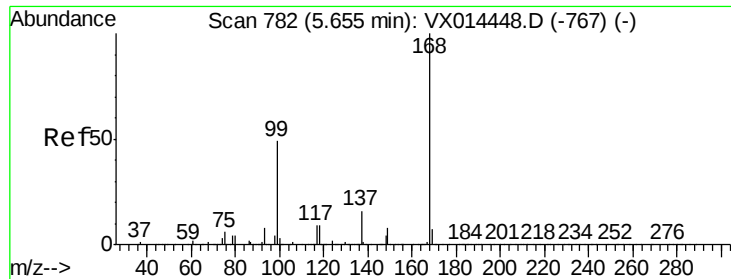
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 07 15:54:41 2020
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: VX014510.D

Acq: 09 Jan 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

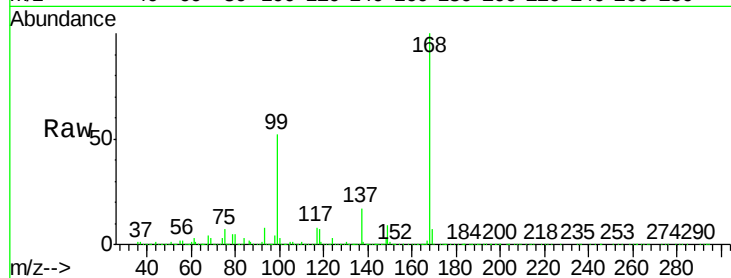
TP-1

Tot Ion:168 Resp: 510097

Ion Ratio Lower Upper

168 100

99 51.6 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

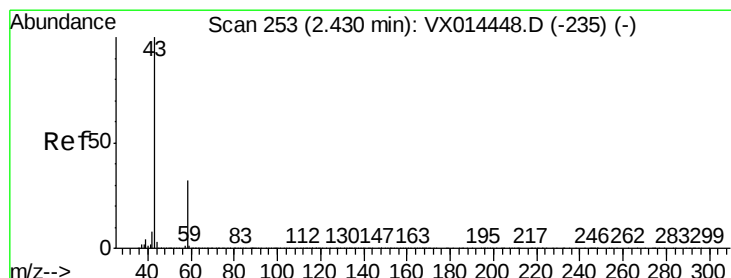
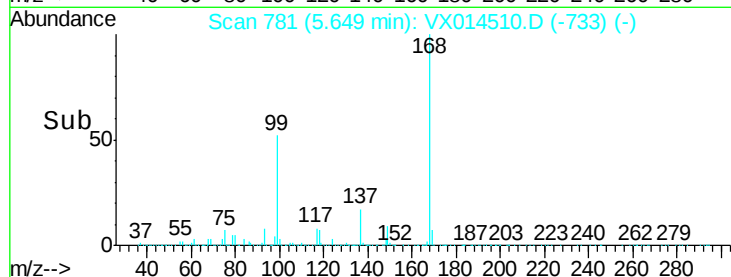
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.753 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014510.D

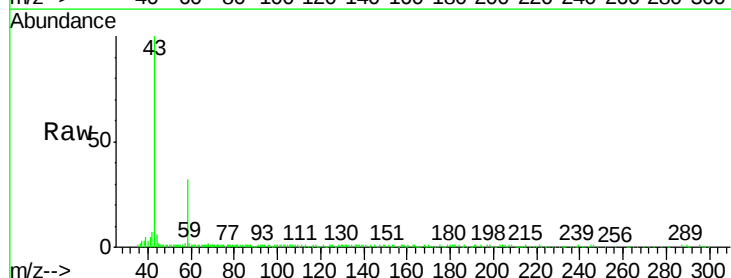
Acq: 09 Jan 2020 20:29

Tgt Ion: 43 Resp: 30891

Ion Ratio Lower Upper

43 100

58 30.7 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

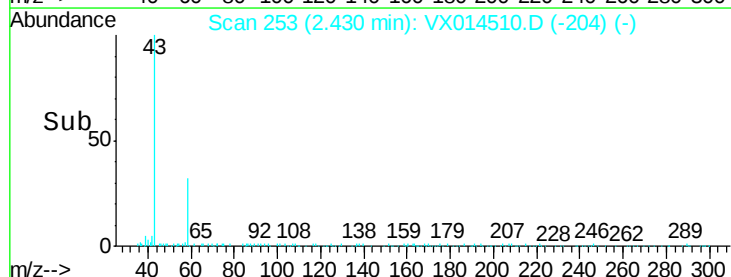
15000

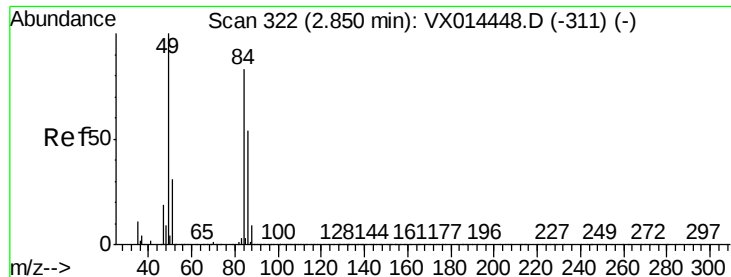
10000

5000

0

Time-->

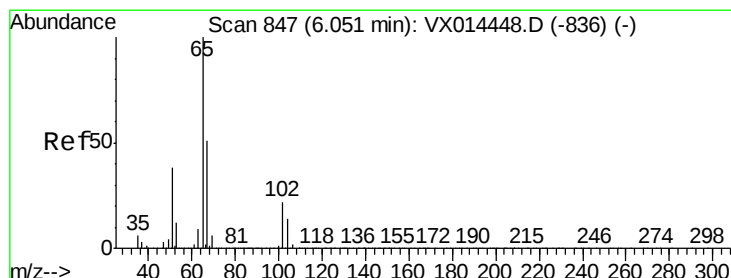
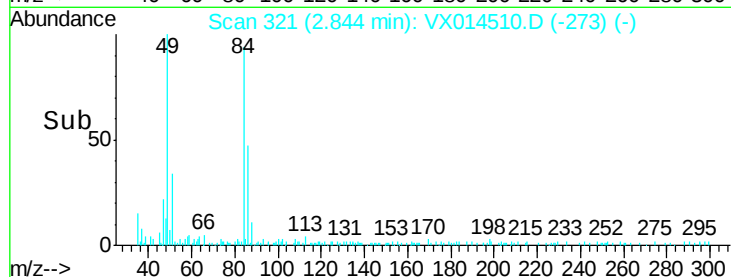
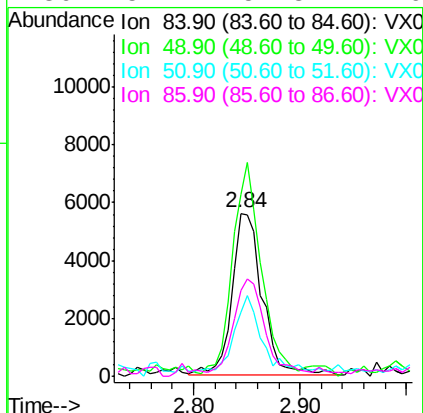
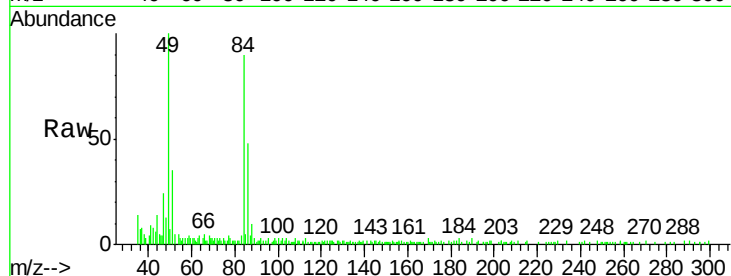




#20
Methvlene Chloride
Concen: 1.938 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014510.D
Acq: 09 Jan 2020 20:29

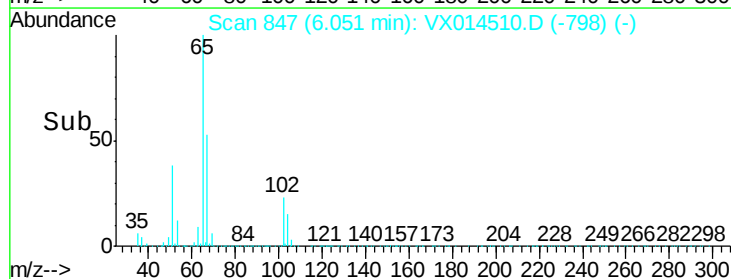
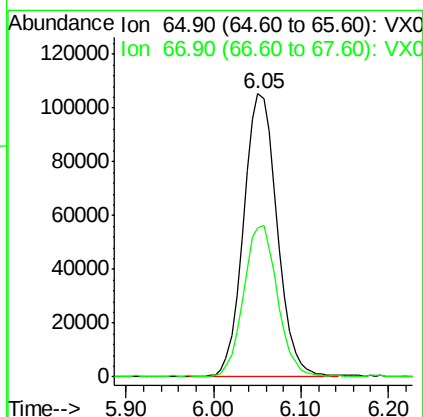
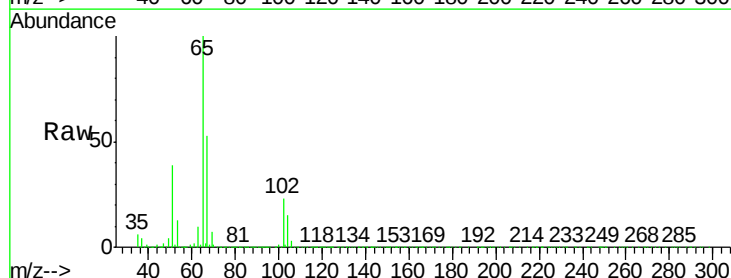
Instrument :
MSVOA_X
ClientSampleId :
TP-1

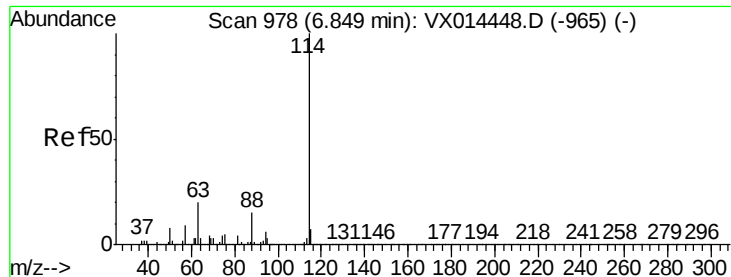
Tot Ion: 84 Resp: 11100
Ion Ratio Lower Upper
84 100
49 115.3 95.8 143.8
51 36.9 30.2 45.4
86 52.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 49.215 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014510.D
Acq: 09 Jan 2020 20:29

Tgt Ion: 65 Resp: 280249
Ion Ratio Lower Upper
65 100
67 53.6 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: VX014510.D

Acq: 09 Jan 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

TP-1

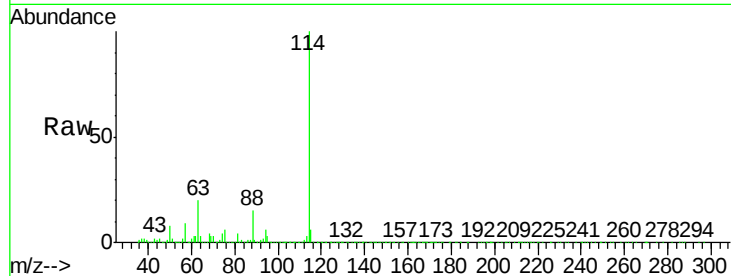
Tot Ion:114 Resp: 788660

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

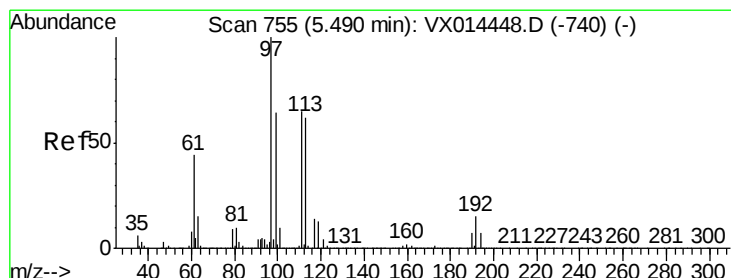
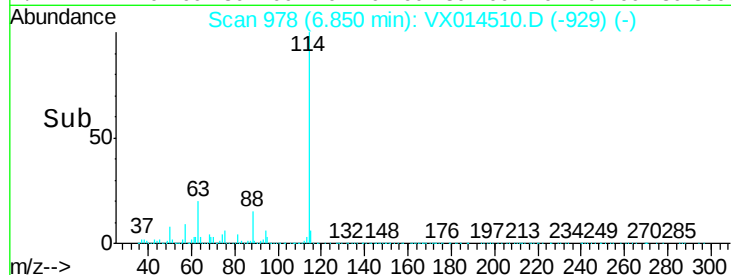
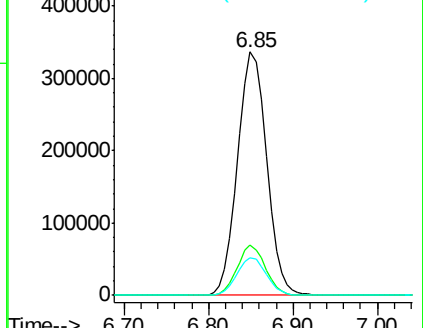
88 15.3 0.0 30.8



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: 49.272 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014510.D

Acq: 09 Jan 2020 20:29

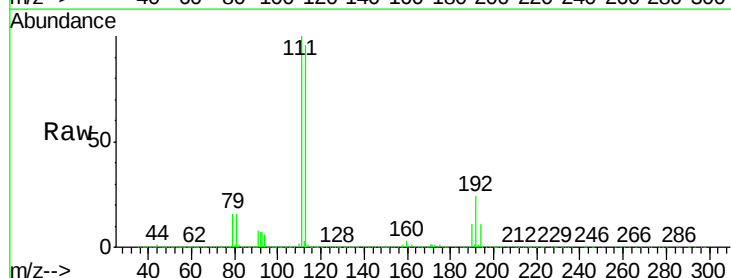
Tgt Ion:113 Resp: 235231

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

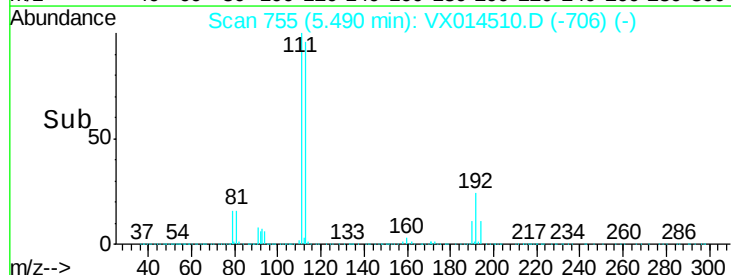
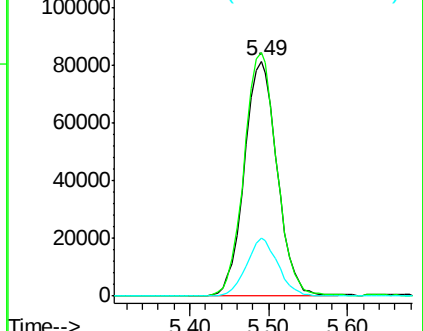
192 23.8 19.2 28.8

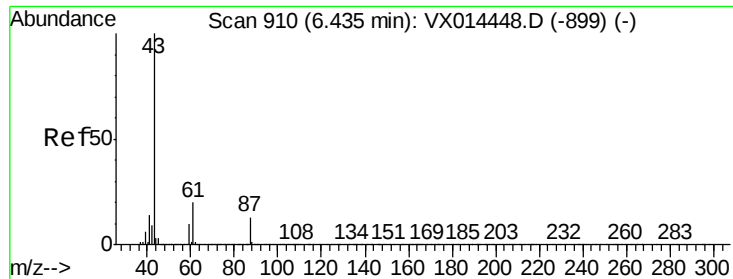


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.483 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014510.D

Acq: 09 Jan 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

TP-1

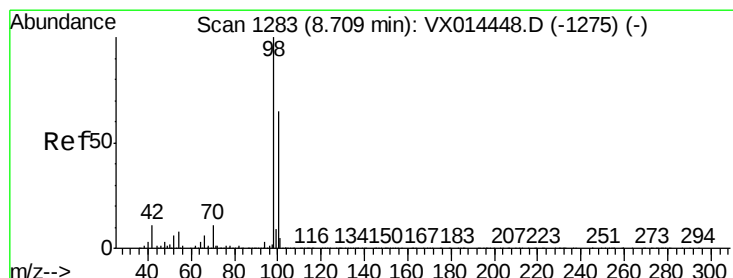
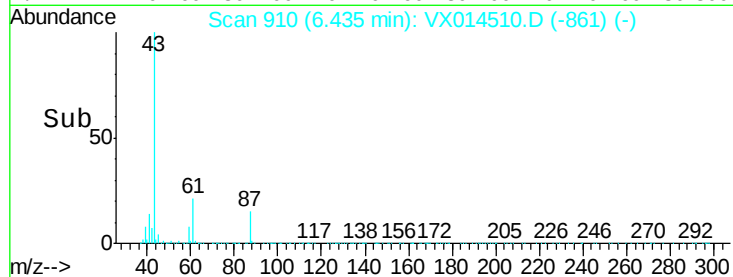
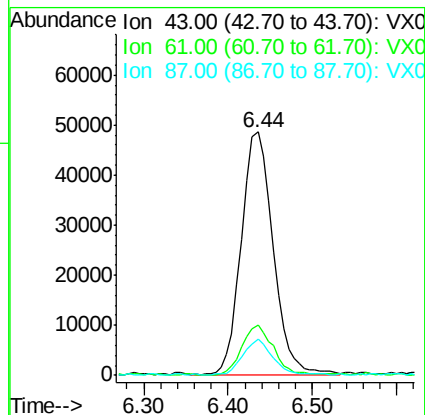
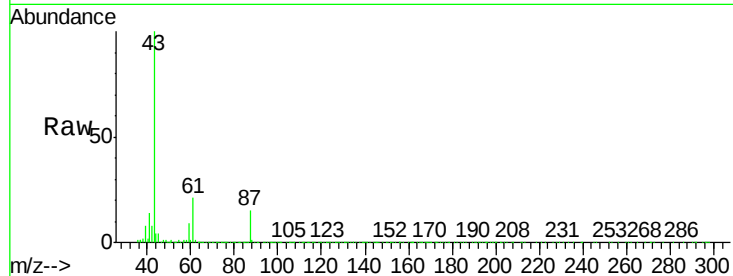
Tot Ion: 43 Resp: 123415

Ion Ratio Lower Upper

43 100

61 20.2 16.6 24.8

87 13.5 10.8 16.2



#50

Toluene-d8

Concen: 51.021 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014510.D

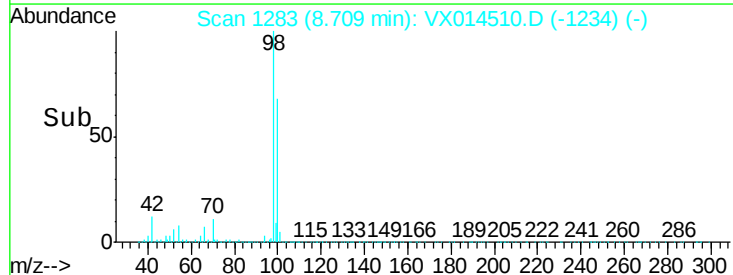
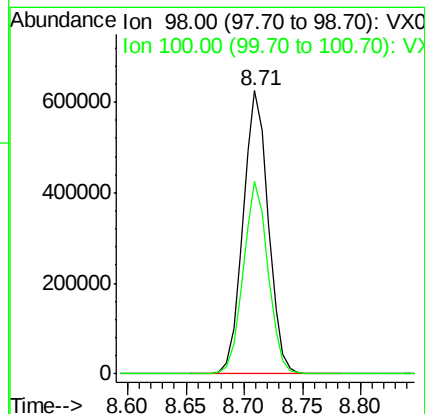
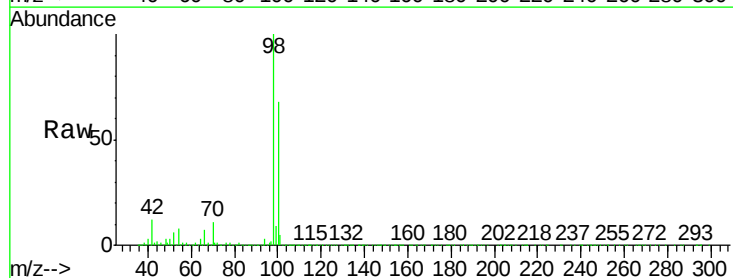
Acq: 09 Jan 2020 20:29

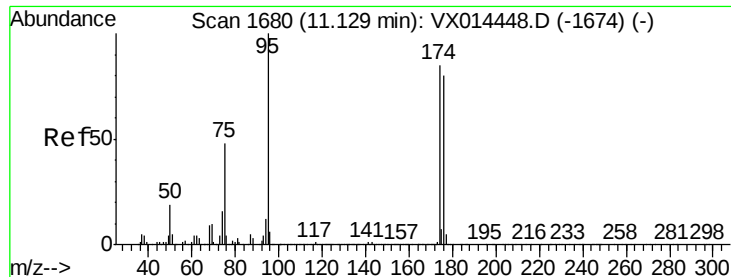
Tgt Ion: 98 Resp: 945256

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 48.441 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014510.D

Acq: 09 Jan 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

TP-1

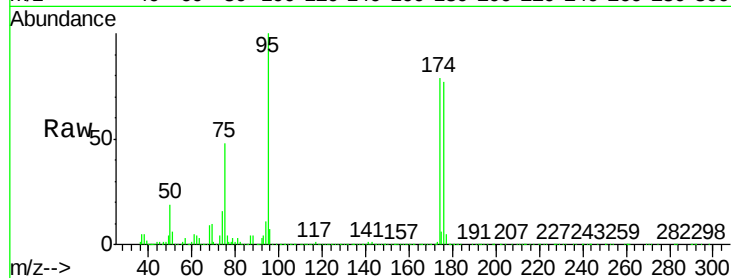
Tot Ion: 95 Resp: 329466

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.8

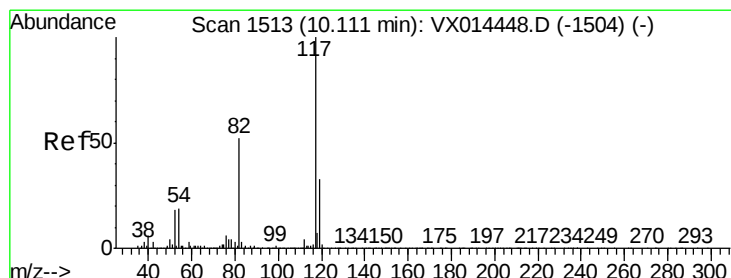
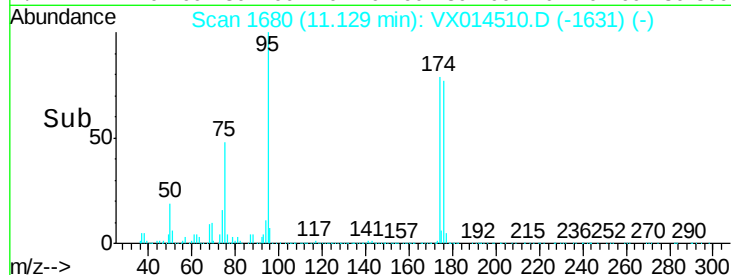
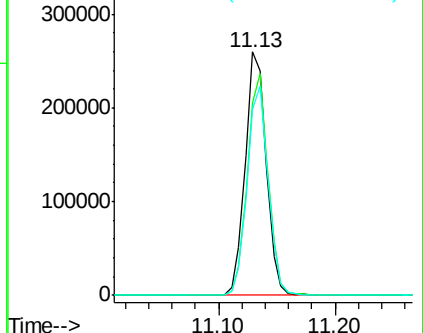
176 86.1 0.0 172.8



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: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014510.D

Acq: 09 Jan 2020 20:29

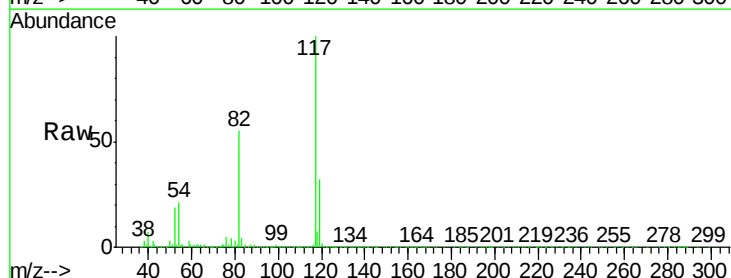
Tgt Ion: 117 Resp: 725037

Ion Ratio Lower Upper

117 100

82 55.3 41.8 62.6

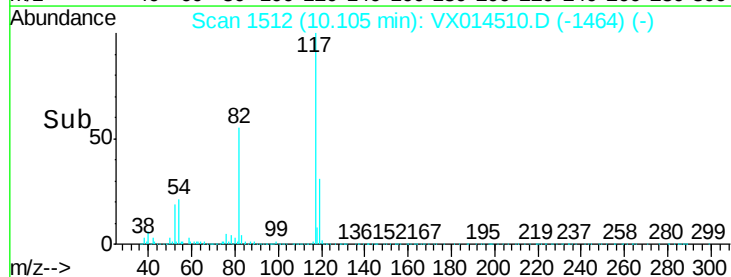
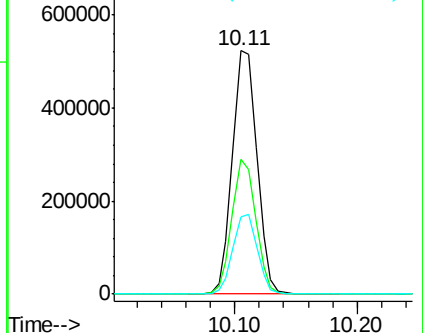
119 31.5 26.2 39.4

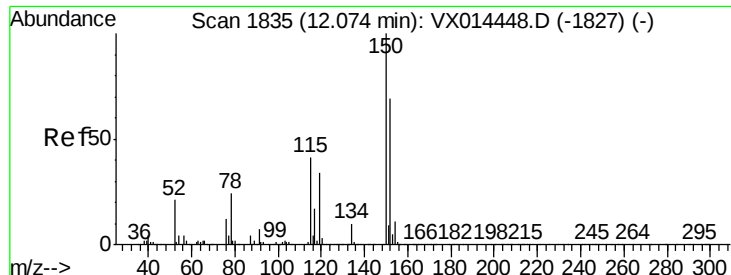


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014510.D

Acq: 09 Jan 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

TP-1

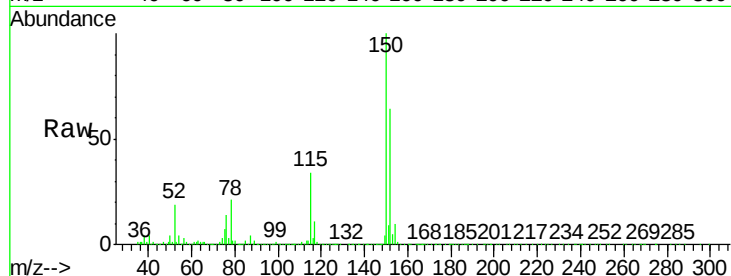
Tot Ion:152 Resp: 333811

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

150 156.7 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

