

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
 Data File : VX014471.D
 Acq On : 08 Jan 2020 15:11
 Operator : JC/SP
 Sample : L1039-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 301-305

Quant Time: Jan 09 06:48:22 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

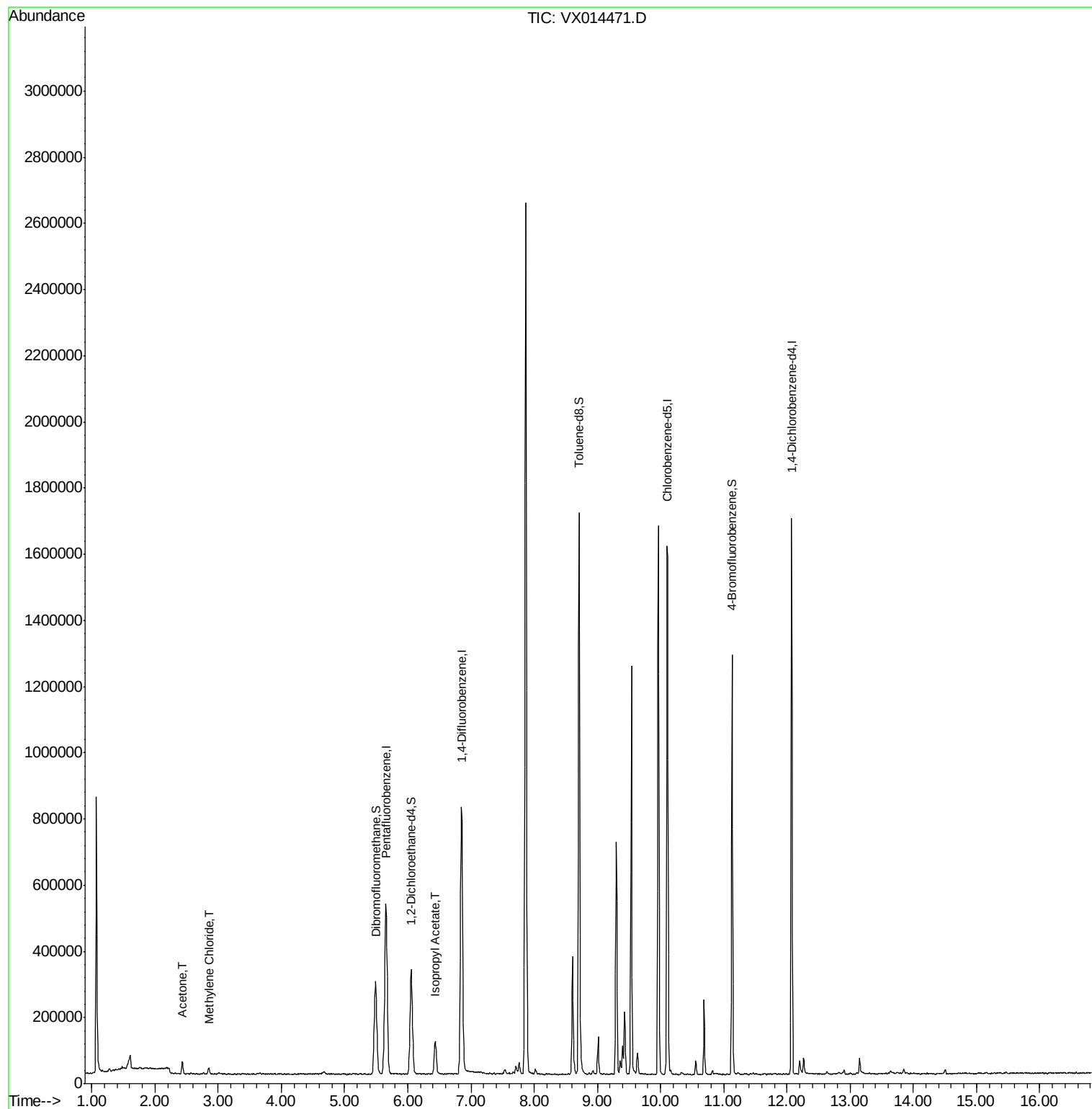
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	539710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	831780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	754041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	348876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	294303	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	5.49	113	241717	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	992287	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	340599	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
Target Compounds						
16) Acetone	2.43	43	42322	9.998	ug/l	98
20) Methylene Chloride	2.86	84	9744	1.608	ug/l #	94
43) Isopropyl Acetate	6.43	43	133045	9.693	ug/l	98

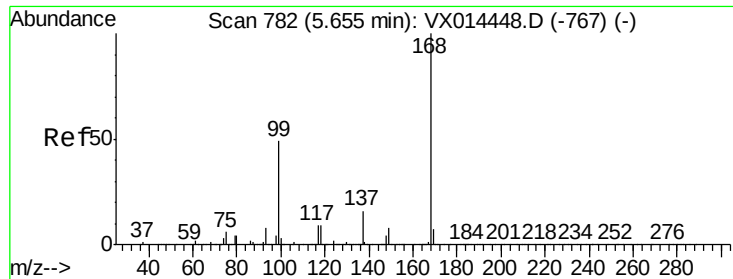
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014471.D

Acq: 08 Jan 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

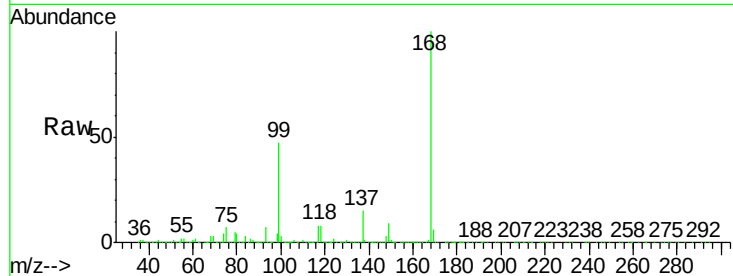
301-305

Tgt Ion:168 Resp: 539710

Ion Ratio Lower Upper

168 100

99 46.5 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

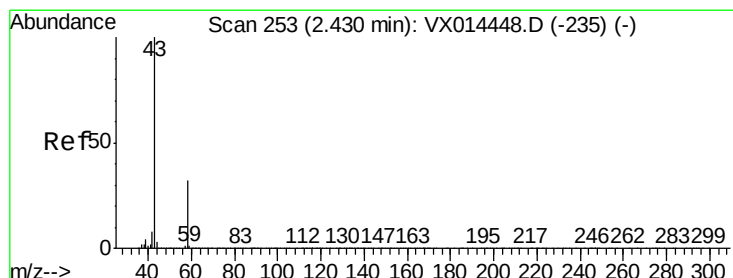
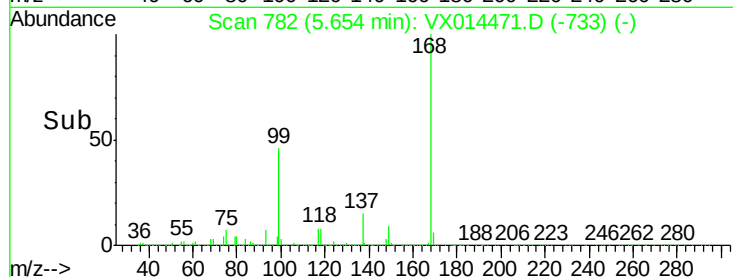
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.998 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014471.D

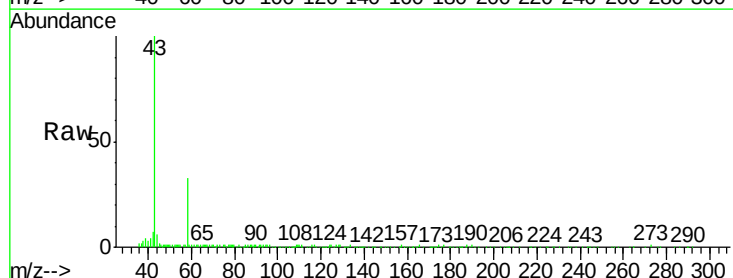
Acq: 08 Jan 2020 15:11

Tgt Ion: 43 Resp: 42322

Ion Ratio Lower Upper

43 100

58 30.6 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

30000

25000

20000

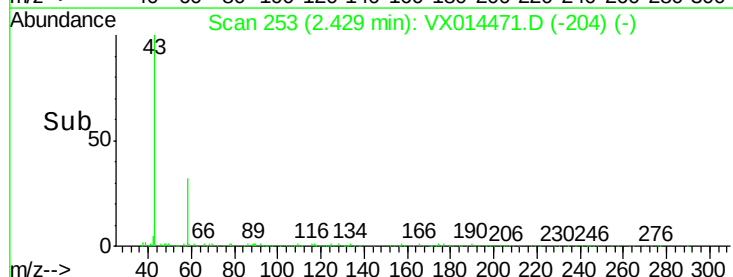
15000

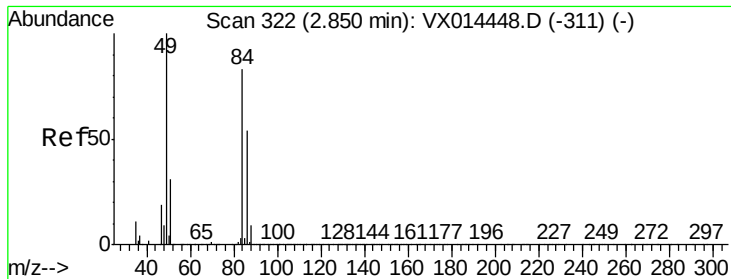
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 1.608 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014471.D

Acq: 08 Jan 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

301-305

Tgt Ion: 84 Resp: 9744

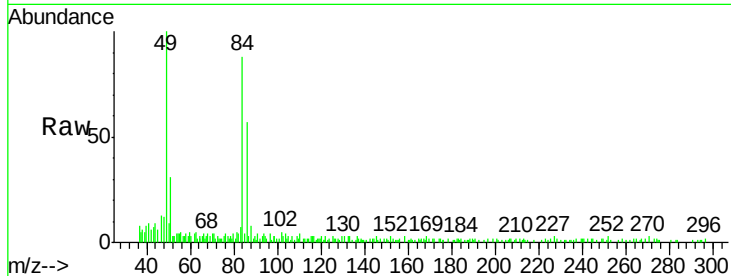
Ion Ratio Lower Upper

84 100

49 114.0 95.8 143.8

51 30.0 30.2 45.4#

86 62.1 51.8 77.6

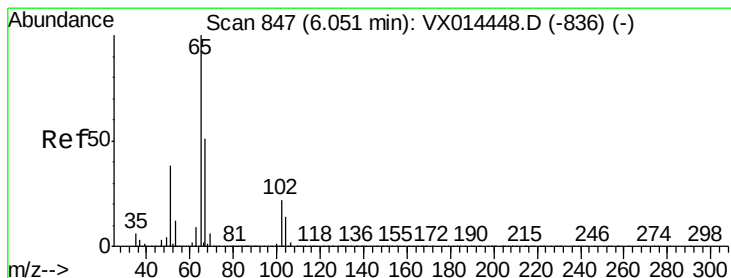
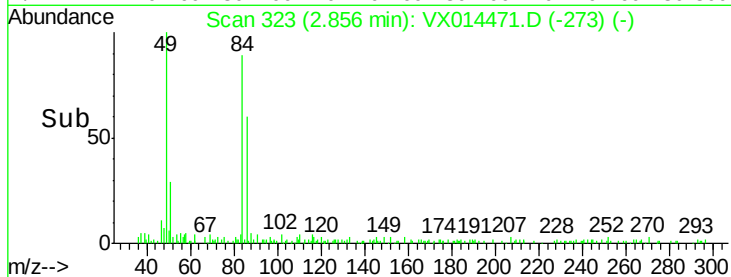
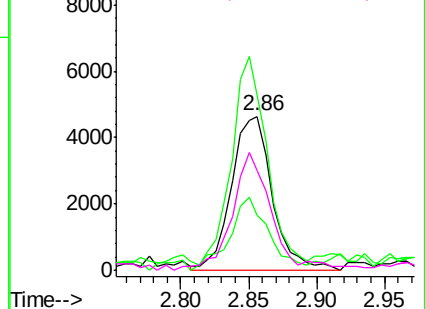


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 48.847 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014471.D

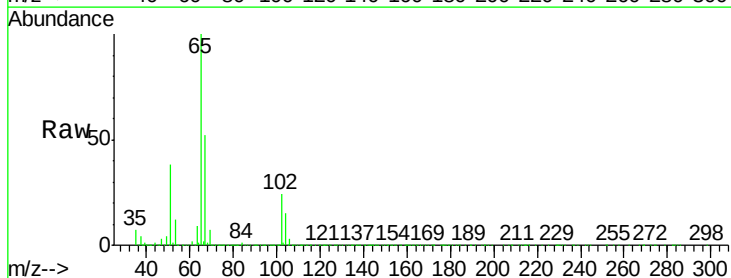
Acq: 08 Jan 2020 15:11

Tgt Ion: 65 Resp: 294303

Ion Ratio Lower Upper

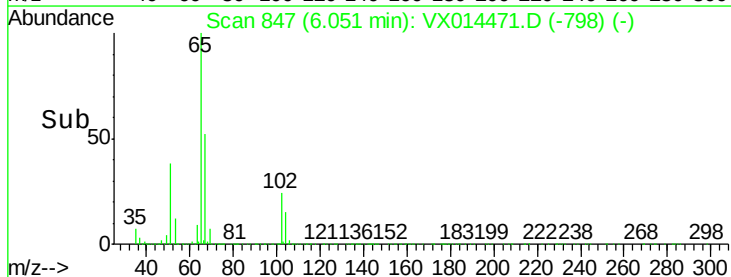
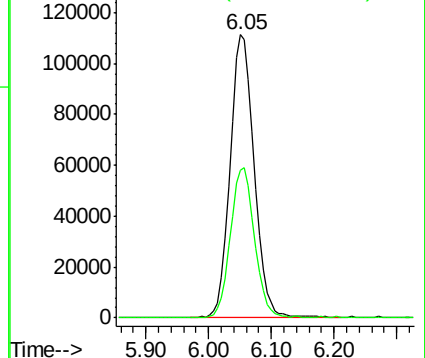
65 100

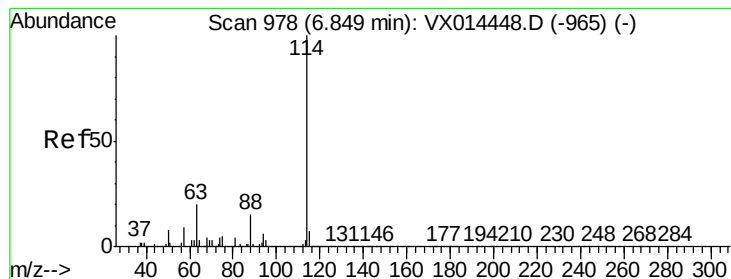
67 53.6 0.0 106.2



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014471.D

Acq: 08 Jan 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

301-305

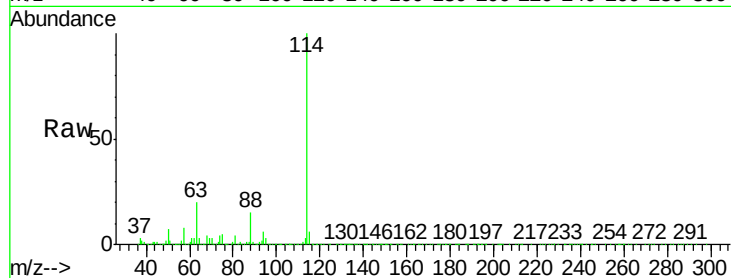
Tgt Ion:114 Resp: 831780

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

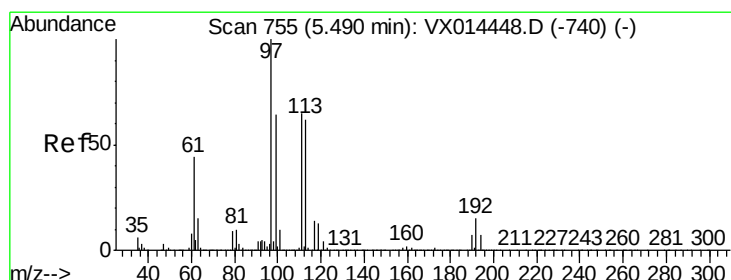
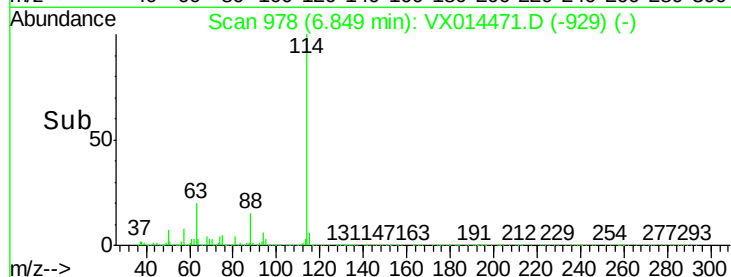
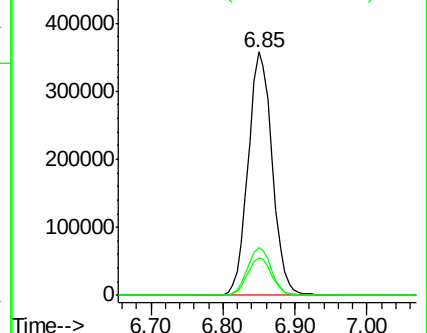
88 15.1 0.0 30.8



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: 48.006 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014471.D

Acq: 08 Jan 2020 15:11

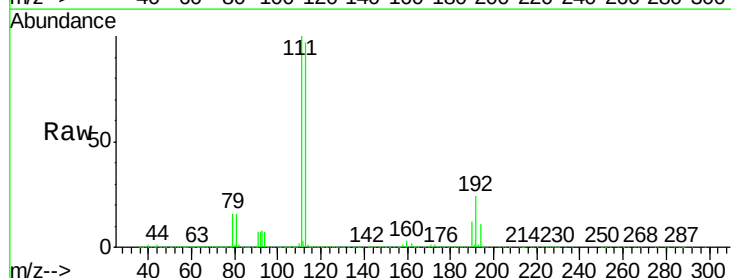
Tgt Ion:113 Resp: 241717

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

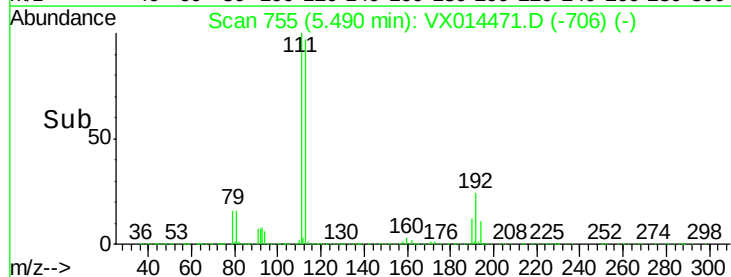
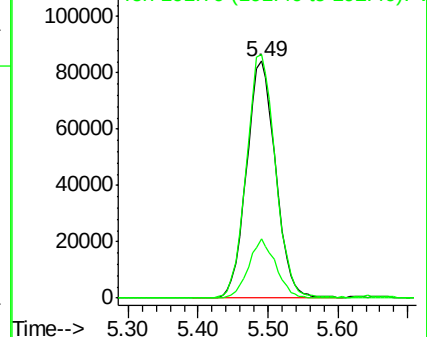
192 23.3 19.2 28.8

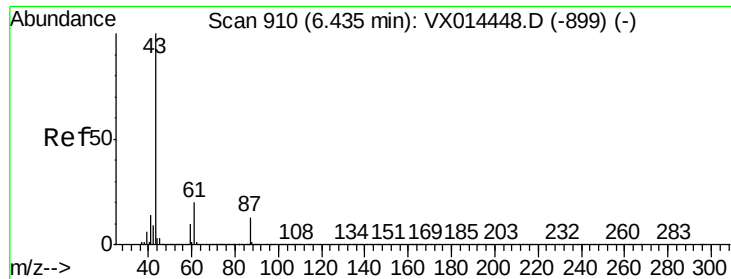


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.693 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014471.D

Acq: 08 Jan 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

301-305

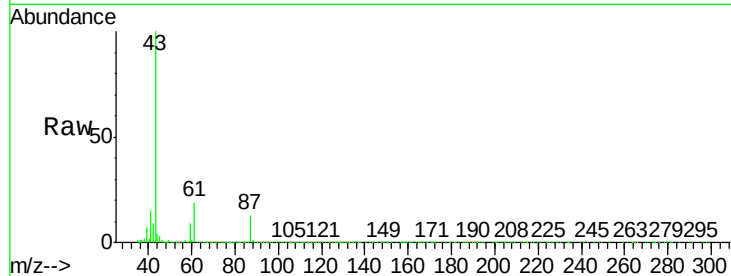
Tgt Ion: 43 Resp: 133045

Ion Ratio Lower Upper

43 100

61 21.8 16.6 24.8

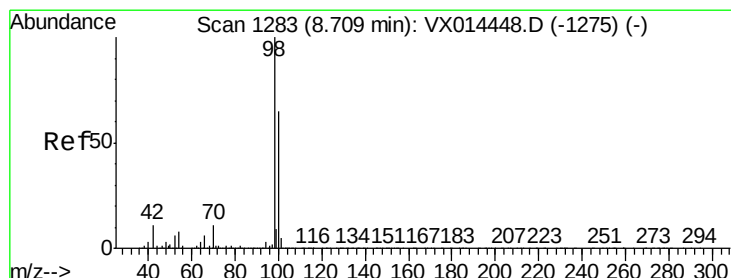
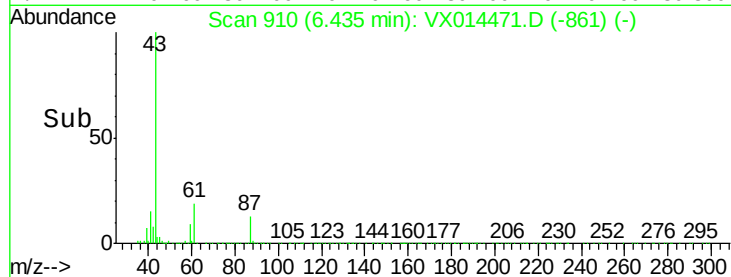
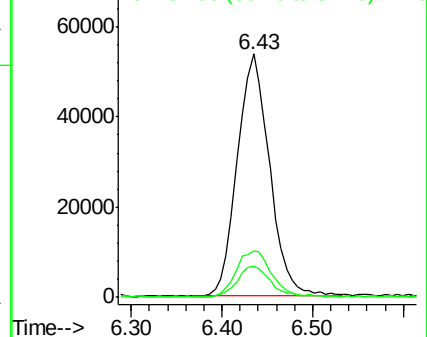
87 12.9 10.8 16.2



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: 50.783 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014471.D

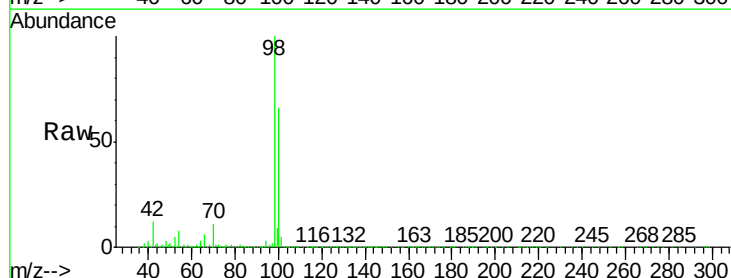
Acq: 08 Jan 2020 15:11

Tgt Ion: 98 Resp: 992287

Ion Ratio Lower Upper

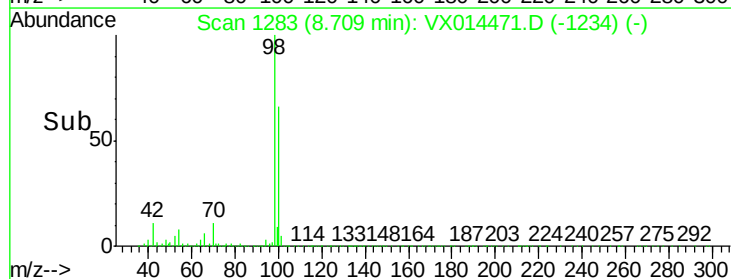
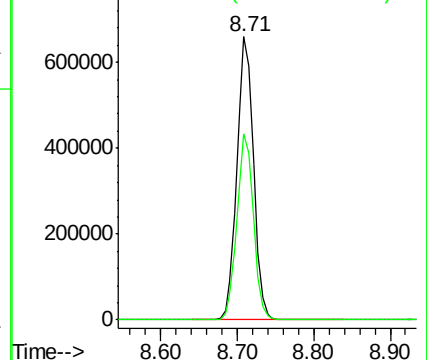
98 100

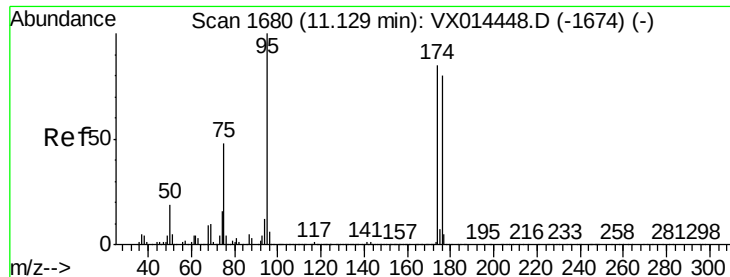
100 65.2 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.482 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014471.D

Acq: 08 Jan 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

301-305

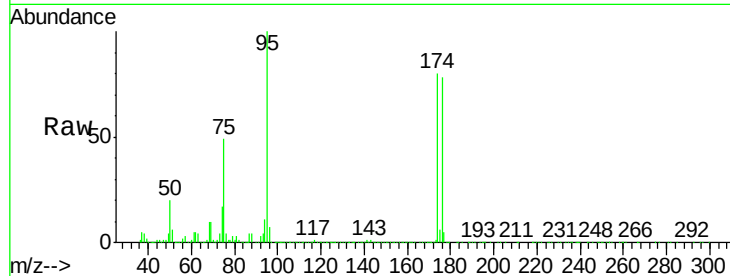
Tgt Ion: 95 Resp: 340599

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.8

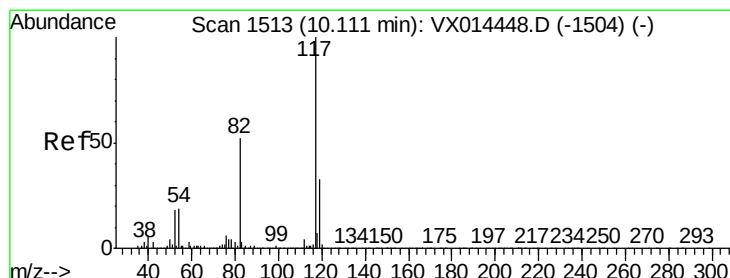
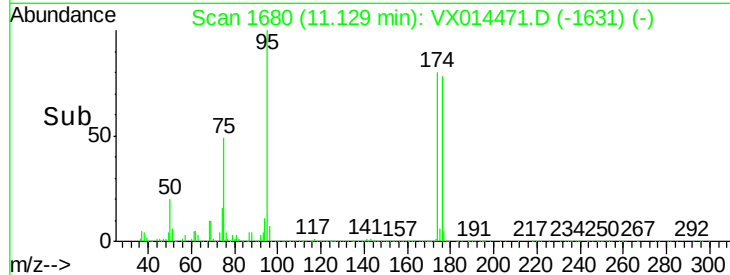
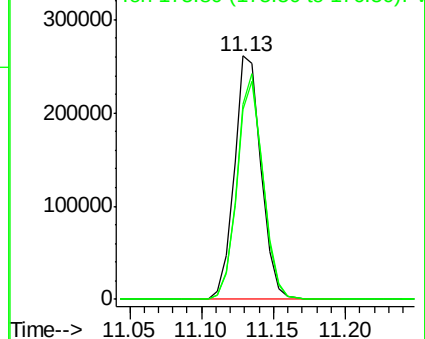
176 86.9 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX014448.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX014448.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX014448.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014471.D

Acq: 08 Jan 2020 15:11

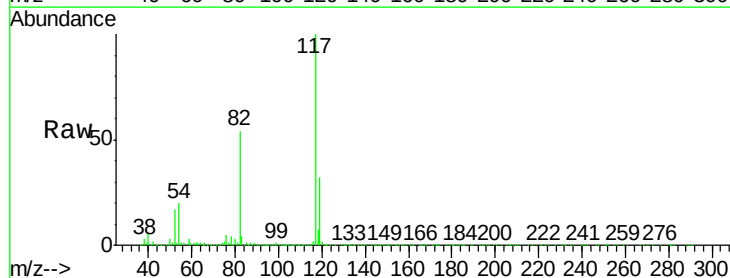
Tgt Ion: 117 Resp: 754041

Ion Ratio Lower Upper

117 100

82 53.9 41.8 62.6

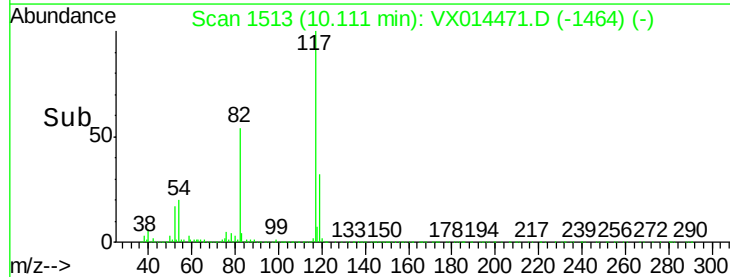
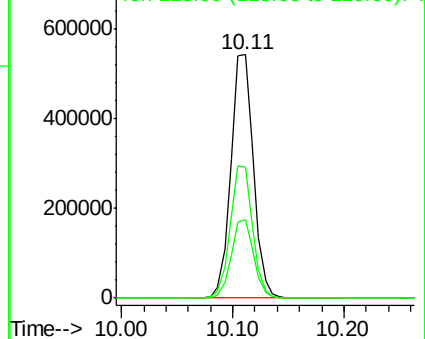
119 32.4 26.2 39.4

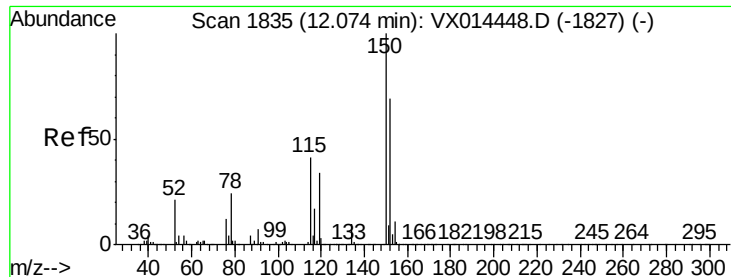


Abundance Ion 116.90 (116.60 to 117.60): VX014448.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014448.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014448.D (-1504) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014471.D

Acq: 08 Jan 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

301-305

Tgt Ion:152 Resp: 348876

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

150 156.0 0.0 350.2

