

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015207.D
 Acq On : 11 Mar 2020 17:40
 Operator : JC/SP
 Sample : PB127431ZHE#16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#16

Quant Time: Mar 12 07:09:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

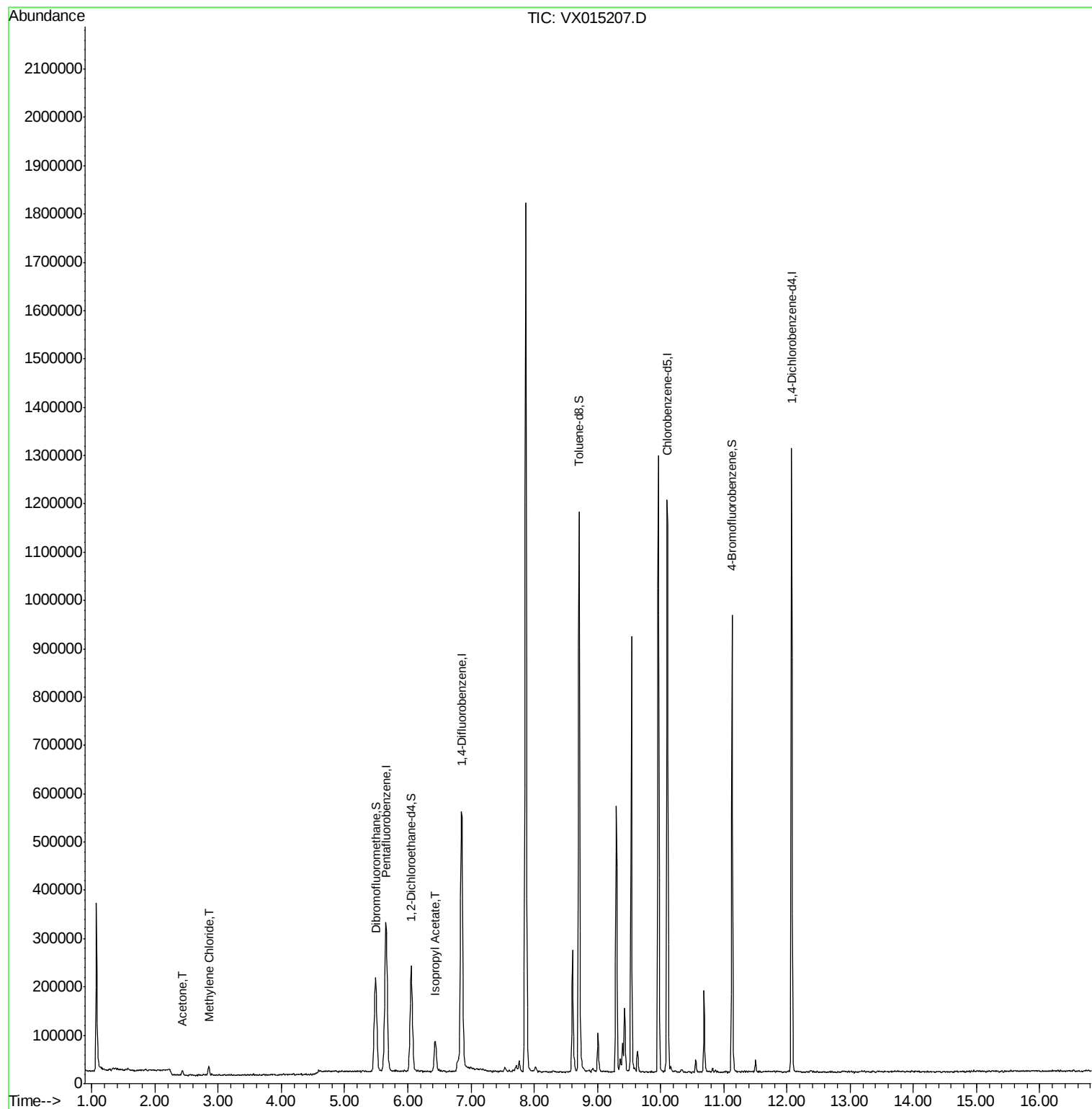
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	312928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	539913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	541828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	271987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	198771	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
35) Dibromofluoromethane	5.49	113	168932	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	673732	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.13	95	247703	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
Target Compounds						
16) Acetone	2.43	43	11252	7.48	ug/l	95
20) Methylene Chloride	2.85	84	8872	2.52	ug/l	86
43) Isopropyl Acetate	6.43	43	83701	10.28	ug/l	99

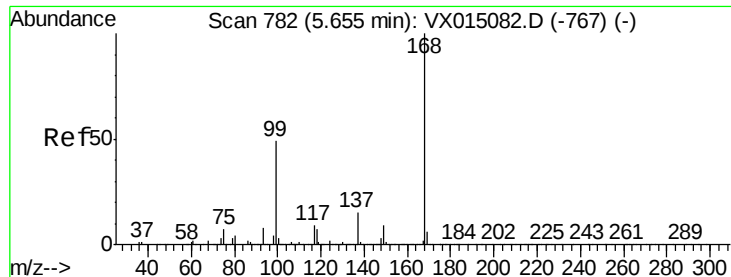
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015207.D

Acq: 11 Mar 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

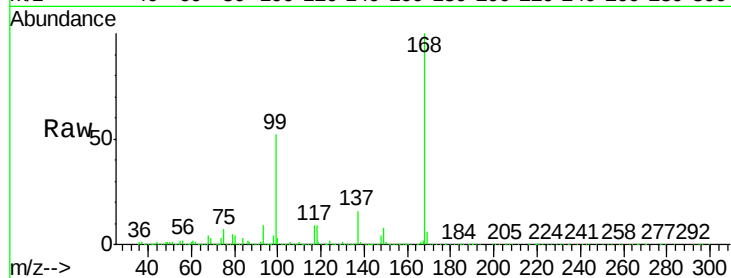
PB127431ZHE#16

Tgt Ion:168 Resp: 312928

Ion Ratio Lower Upper

168 100

99 52.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

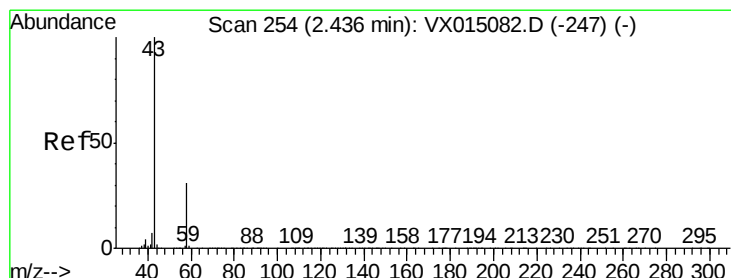
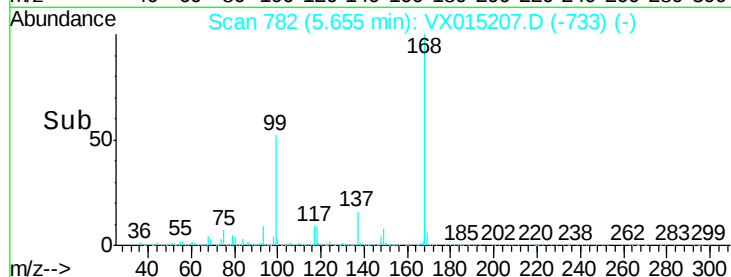
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.48 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015207.D

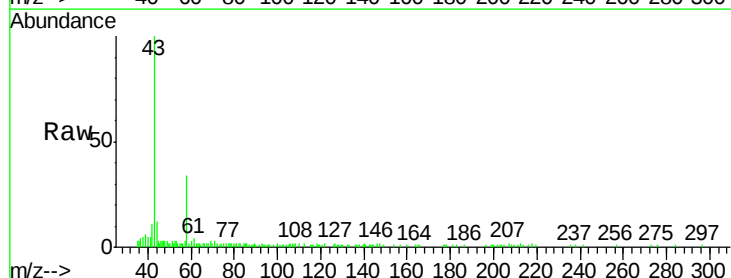
Acq: 11 Mar 2020 17:40

Tgt Ion: 43 Resp: 11252

Ion Ratio Lower Upper

43 100

58 33.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

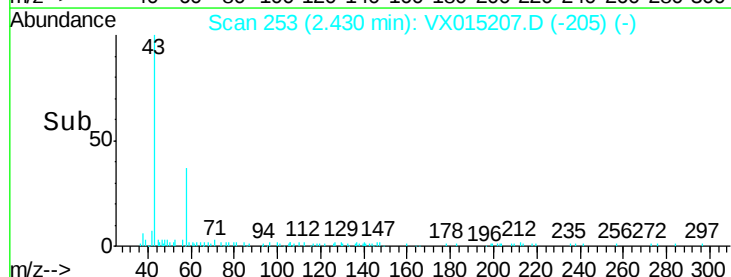
6000

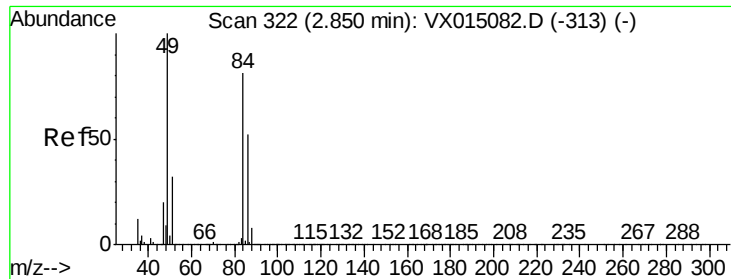
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.52 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015207.D

Acq: 11 Mar 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#16

Tgt Ion: 84 Resp: 8872

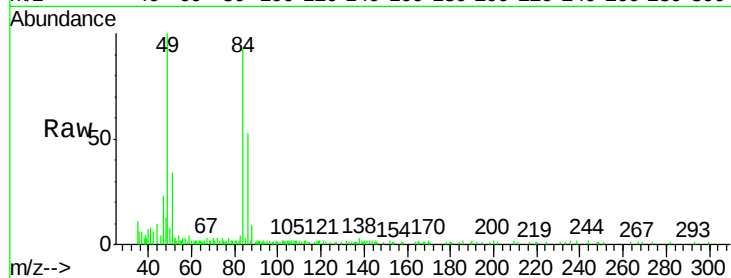
Ion Ratio Lower Upper

84 100

49 103.6 99.4 149.2

51 35.3 31.5 47.3

86 57.2 51.6 77.4

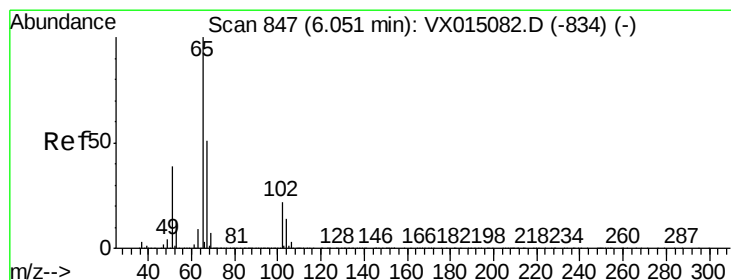
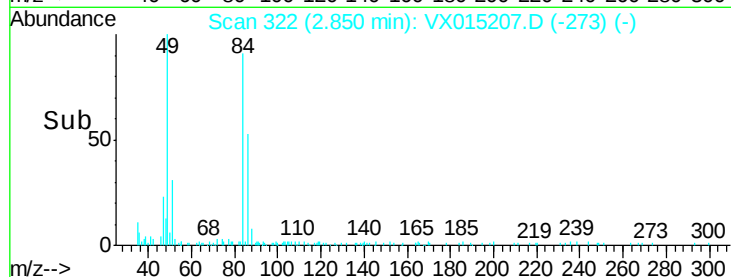
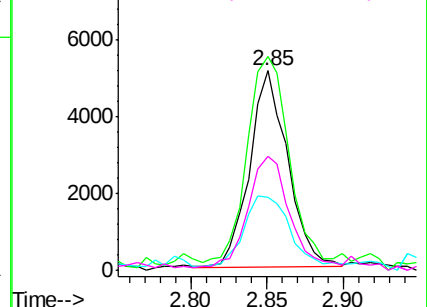


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 53.54 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015207.D

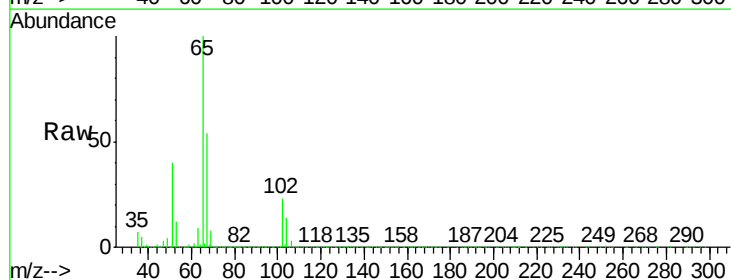
Acq: 11 Mar 2020 17:40

Tgt Ion: 65 Resp: 198771

Ion Ratio Lower Upper

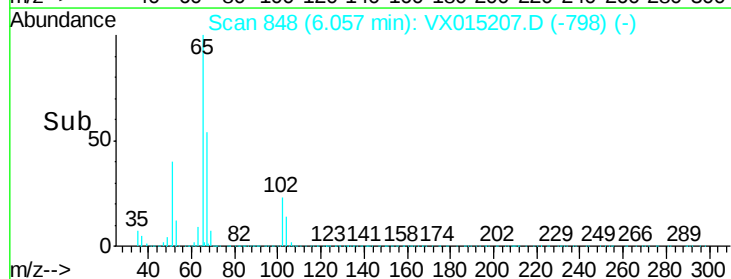
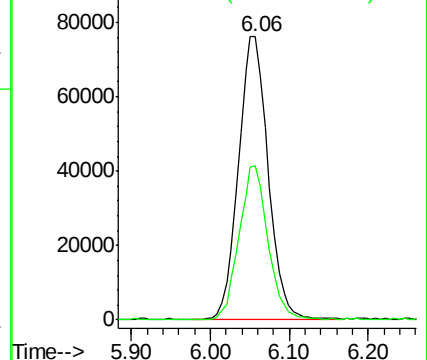
65 100

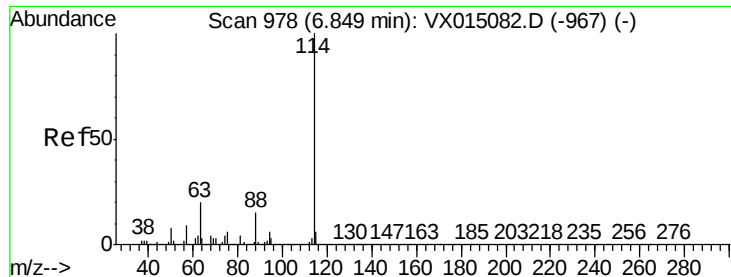
67 52.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015207.D

Acq: 11 Mar 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#16

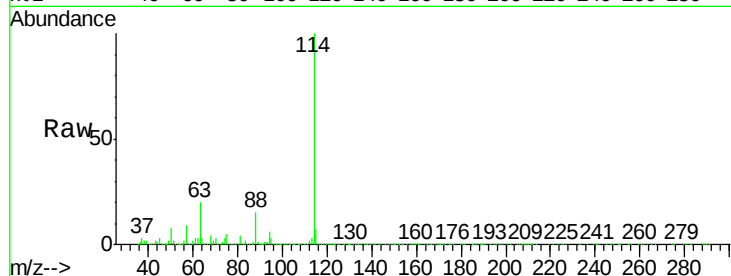
Tgt Ion:114 Resp: 539913

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.4 0.0 30.6



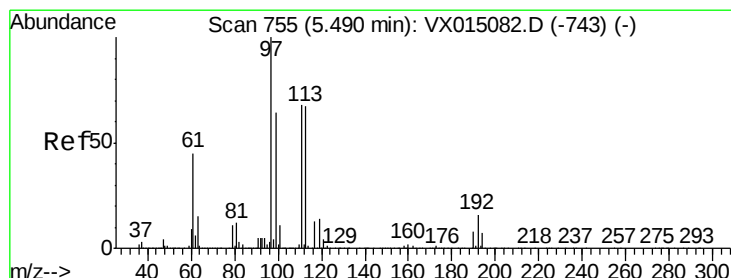
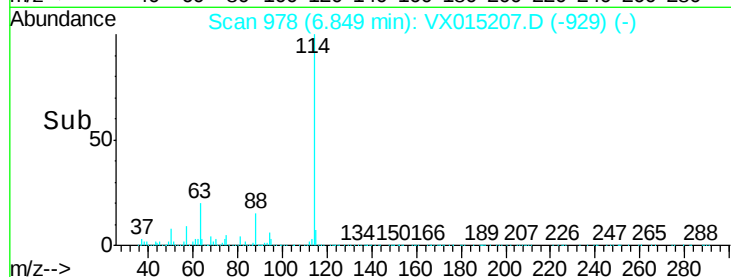
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->



#35

Dibromofluoromethane

Concen: 49.60 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015207.D

Acq: 11 Mar 2020 17:40

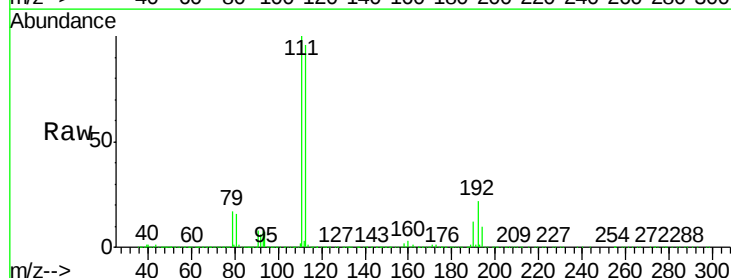
Tgt Ion:113 Resp: 168932

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 23.0 18.6 28.0



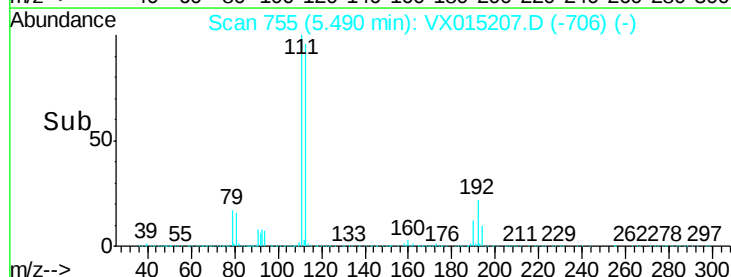
Abundance Ion 112.80 (112.50 to 113.50): V

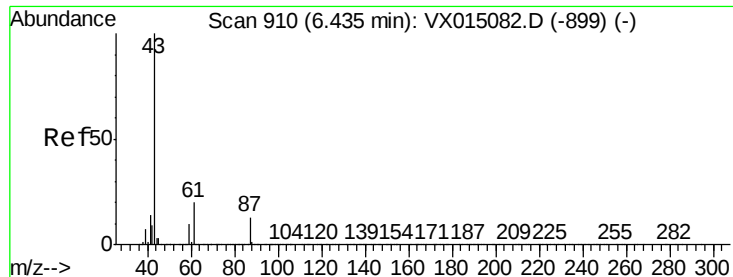
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.49

Time-->





#43

Isopropyl Acetate

Concen: 10.28 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015207.D

Acq: 11 Mar 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#16

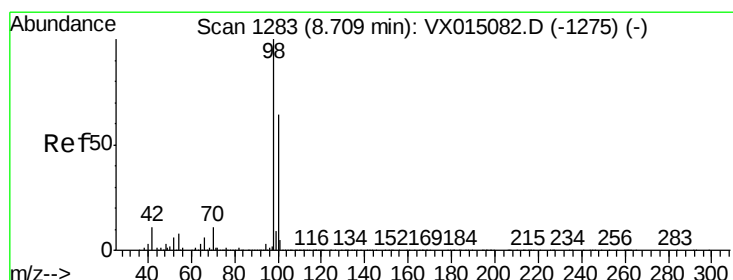
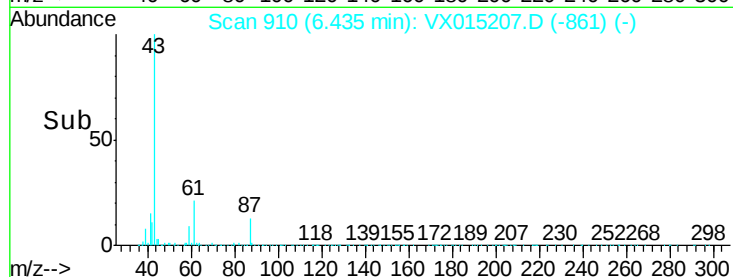
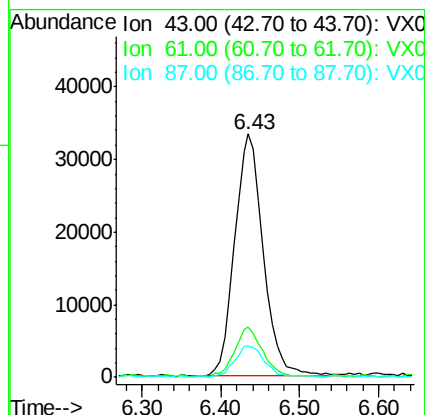
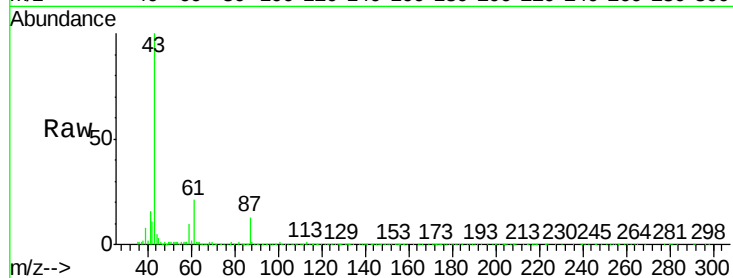
Tgt Ion: 43 Resp: 83701

Ion Ratio Lower Upper

43 100

61 19.5 16.1 24.1

87 12.7 10.6 16.0



#50

Toluene-d8

Concen: 52.00 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015207.D

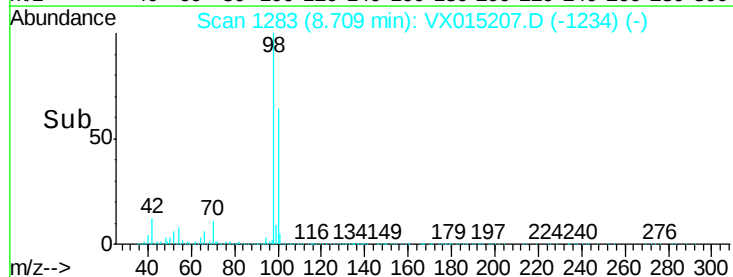
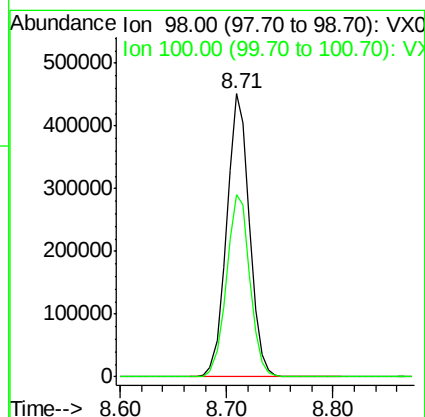
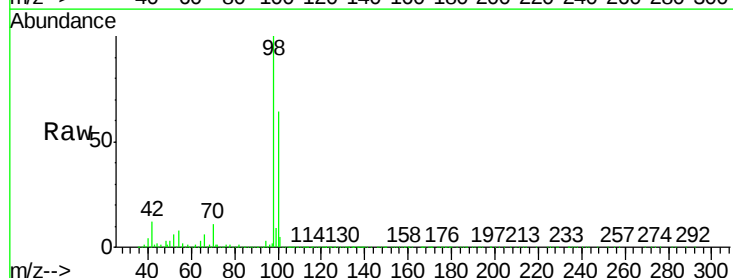
Acq: 11 Mar 2020 17:40

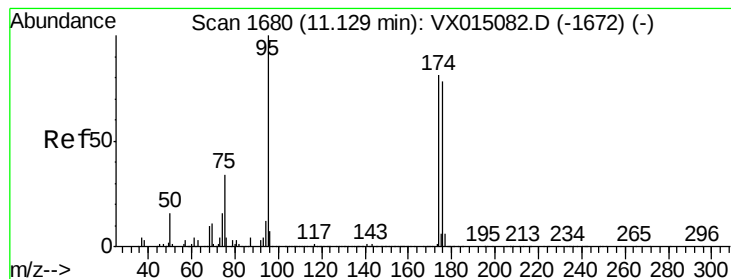
Tgt Ion: 98 Resp: 673732

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 53.60 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015207.D

Acq: 11 Mar 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#16

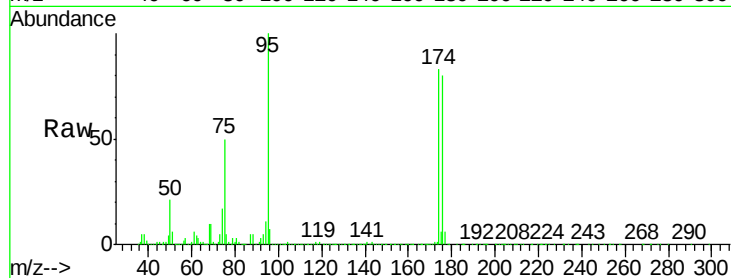
Tgt Ion: 95 Resp: 247703

Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

176 85.5 0.0 170.2

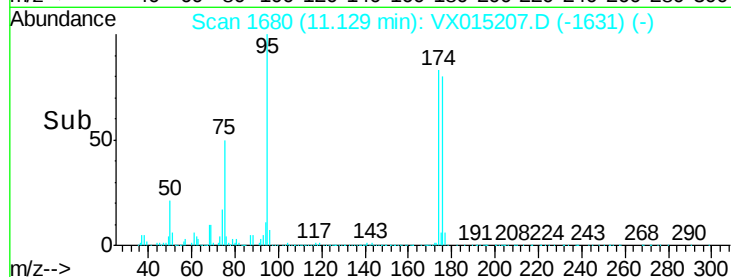


Abundance Ion 94.90 (94.60 to 95.60): VX015082.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015082.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015082.D (-1672) (-)

Time-->



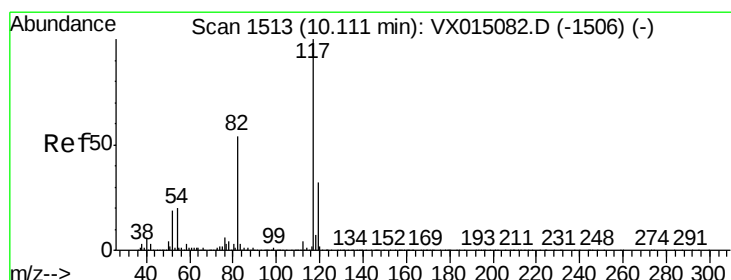
Abundance

Ion 94.90 (94.60 to 95.60): VX015082.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015082.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015082.D (-1672) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015207.D

Acq: 11 Mar 2020 17:40

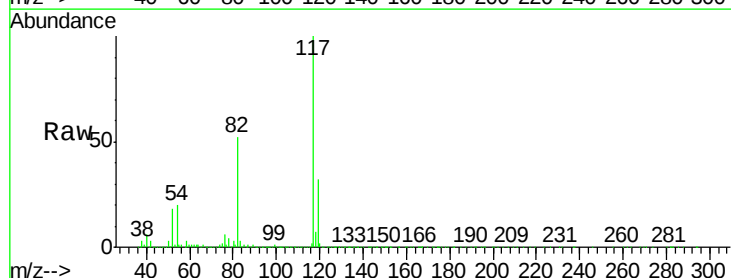
Tgt Ion: 117 Resp: 541828

Ion Ratio Lower Upper

117 100

82 52.4 43.3 64.9

119 31.9 25.8 38.8

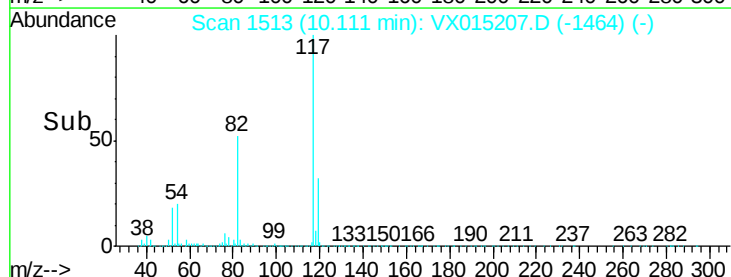


Abundance Ion 116.90 (116.60 to 117.60): VX015082.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX015082.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX015082.D (-1506) (-)

Time-->



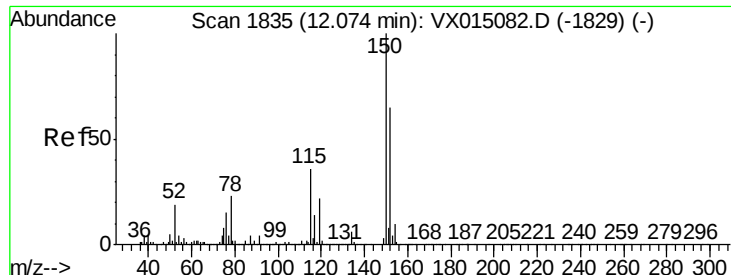
Abundance

Ion 116.90 (116.60 to 117.60): VX015082.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX015082.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX015082.D (-1506) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015207.D

Acq: 11 Mar 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#16

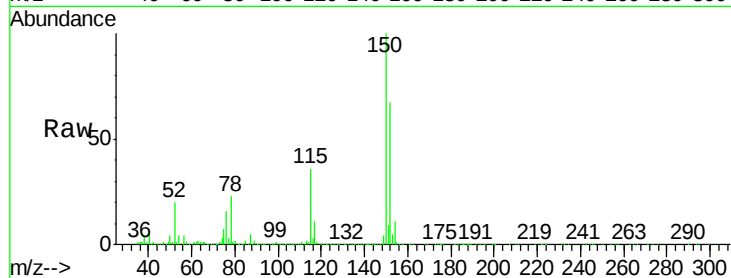
Tgt Ion:152 Resp: 271987

Ion Ratio Lower Upper

152 100

115 54.8 38.2 114.6

150 152.9 0.0 343.8



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

