

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015203.D
 Acq On : 11 Mar 2020 16:10
 Operator : JC/SP
 Sample : PB127431ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#12

Quant Time: Mar 12 07:02:25 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	328874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	551822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	553780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	270541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	209248	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	5.49	113	177017	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	700433	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.13	95	249547	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

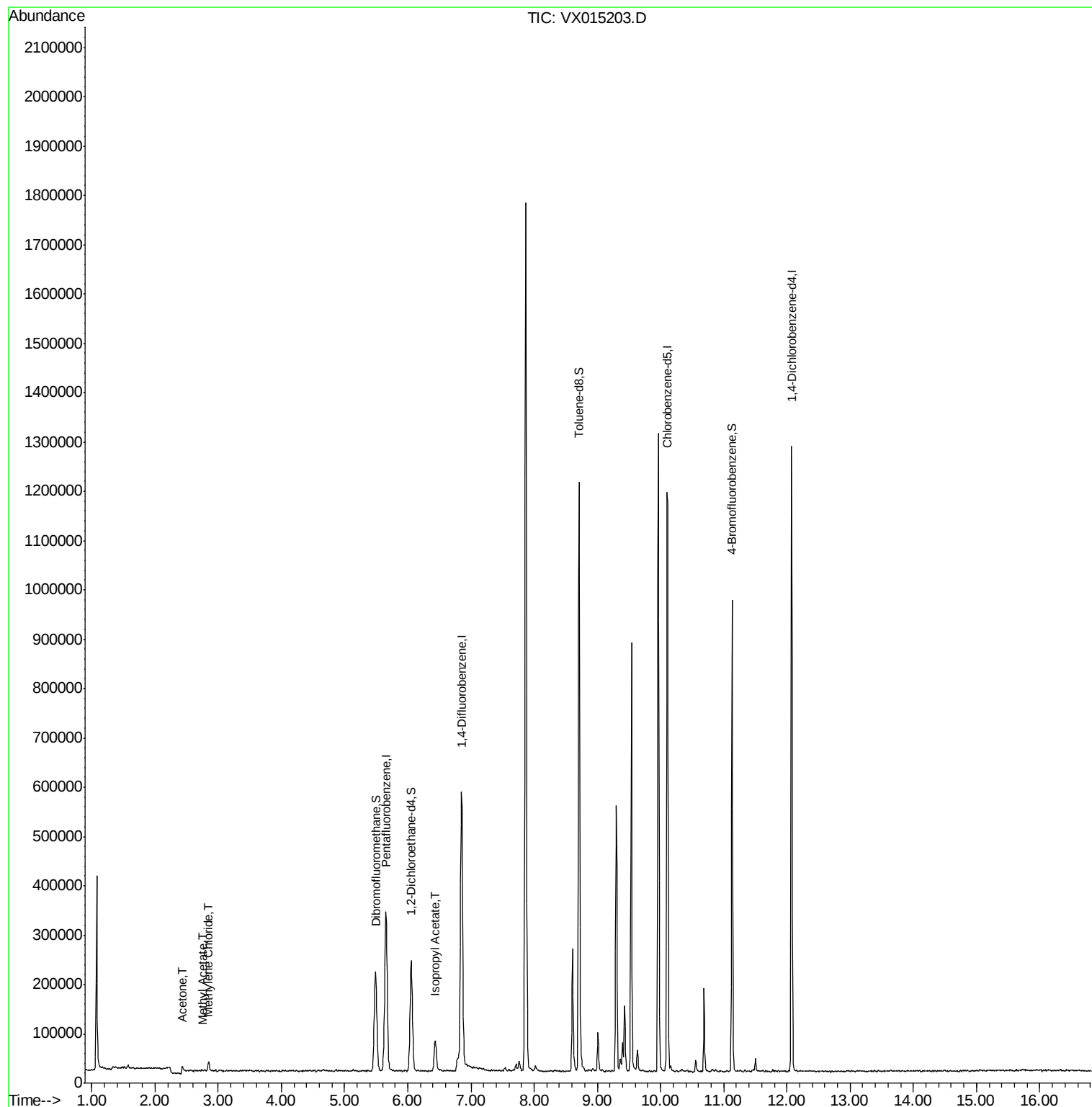
Target Compounds						Qvalue
16) Acetone	2.44	43	12733	8.06	ug/l	100
18) Methyl Acetate	2.76	43	4213	1.09	ug/l	99
20) Methylene Chloride	2.85	84	9839	2.66	ug/l	89
43) Isopropyl Acetate	6.44	43	87168	10.47	ug/l	97

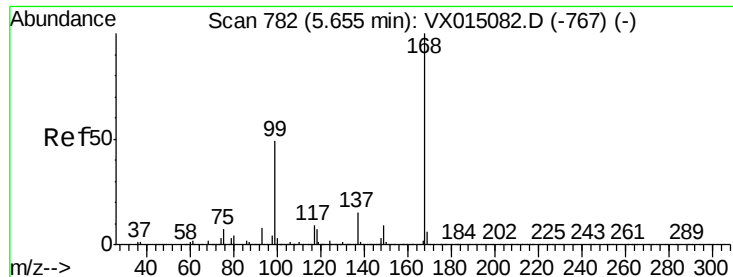
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 04 14:19:10 2020
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015203.D

Acq: 11 Mar 2020 16:10

Instrument :

MSVOA_X

ClientSampleId :

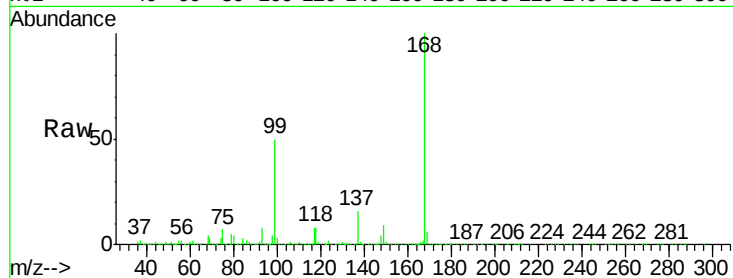
PB127431ZHE#12

Tgt Ion:168 Resp: 328874

Ion Ratio Lower Upper

168 100

99 49.7 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

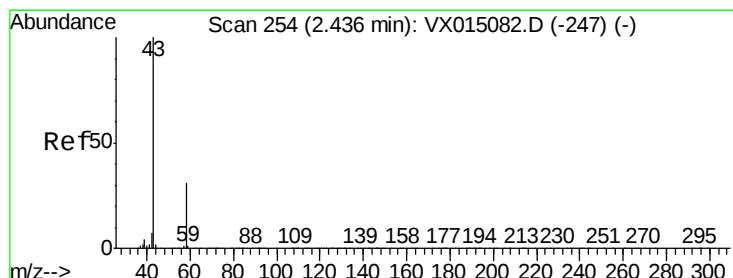
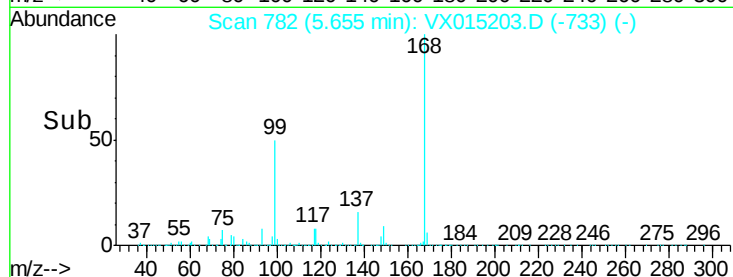
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.06 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015203.D

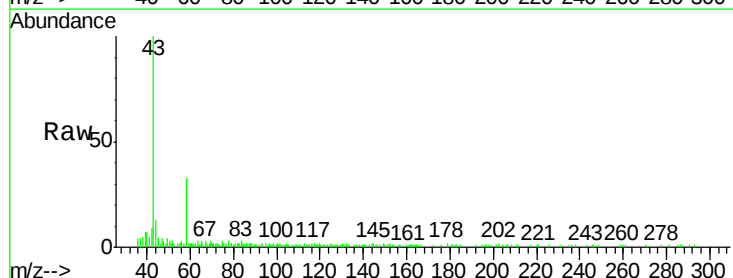
Acq: 11 Mar 2020 16:10

Tgt Ion: 43 Resp: 12733

Ion Ratio Lower Upper

43 100

58 31.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

6000

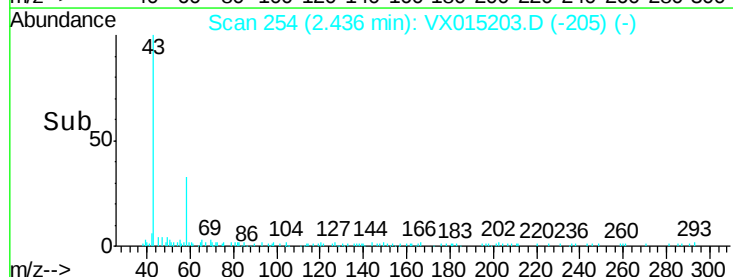
4000

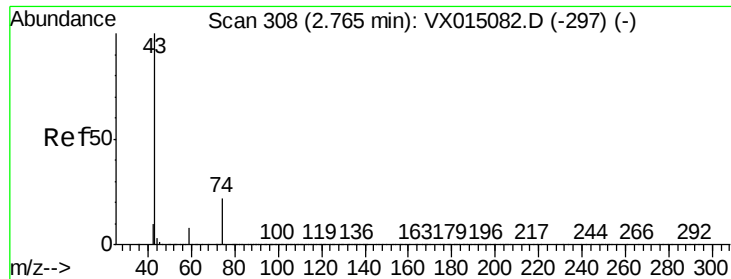
2000

0

Time-->

2.35 2.40 2.45 2.50

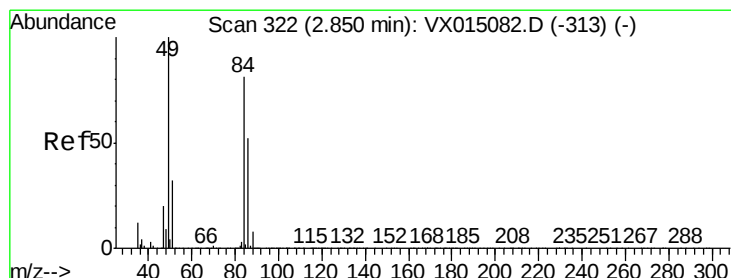
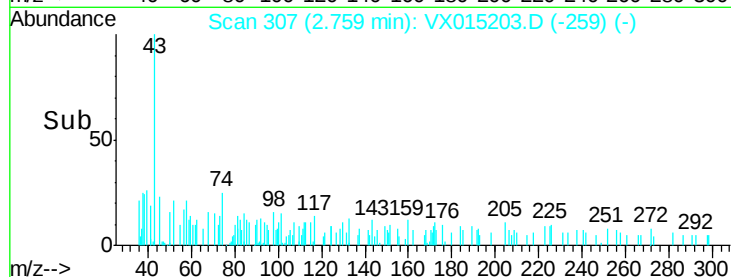
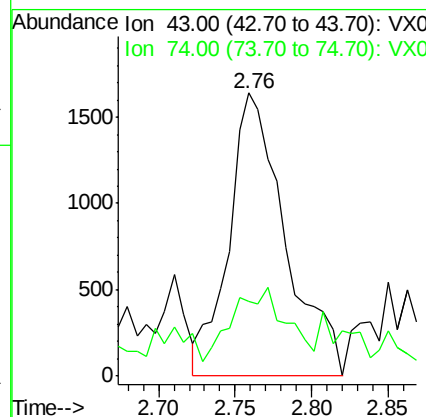
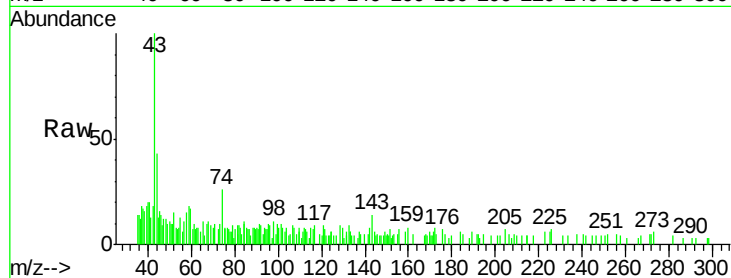




#18
Methyl Acetate
Concen: 1.09 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015203.D
Acq: 11 Mar 2020 16:10

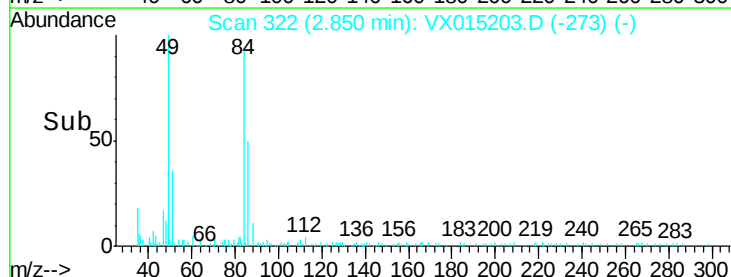
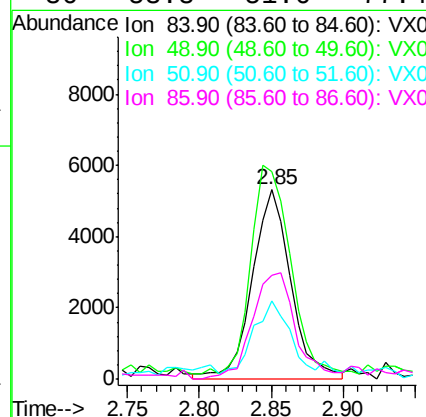
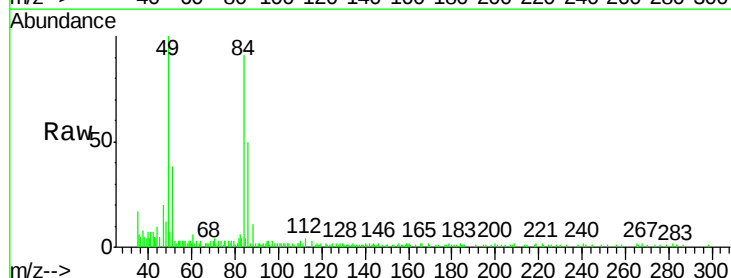
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#12

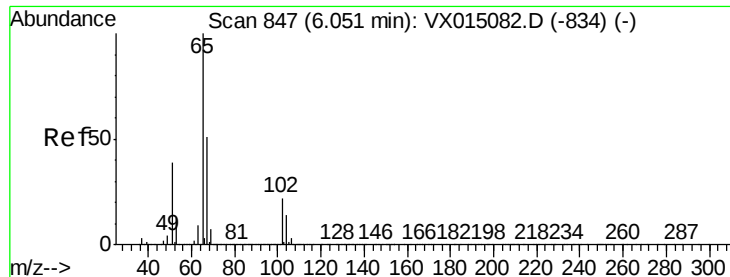
Tgt Ion: 43 Resp: 4213
Ion Ratio Lower Upper
43 100
74 24.2 18.8 28.2



#20
Methylene Chloride
Concen: 2.66 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015203.D
Acq: 11 Mar 2020 16:10

Tgt Ion: 84 Resp: 9839
Ion Ratio Lower Upper
84 100
49 109.4 99.4 149.2
51 38.7 31.5 47.3
86 53.8 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 53.63 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015203.D

Acq: 11 Mar 2020 16:10

Instrument :

MSVOA_X

ClientSampleId :

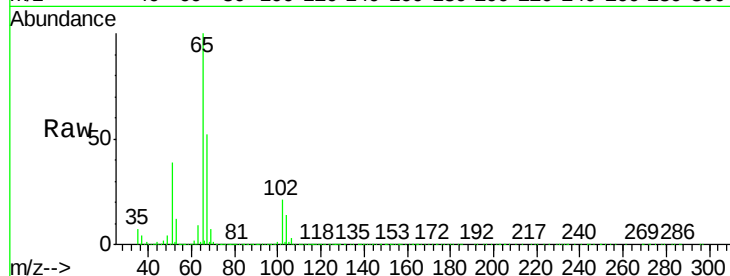
PB127431ZHE#12

Tgt Ion: 65 Resp: 209248

Ion Ratio Lower Upper

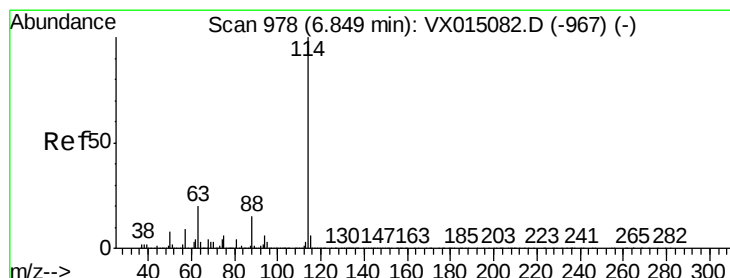
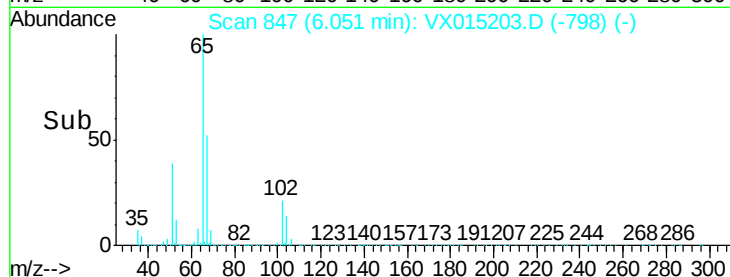
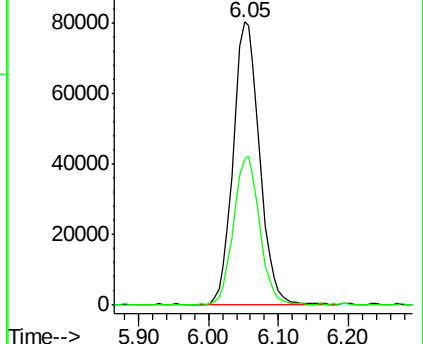
65 100

67 51.9 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: VX015203.D

Acq: 11 Mar 2020 16:10

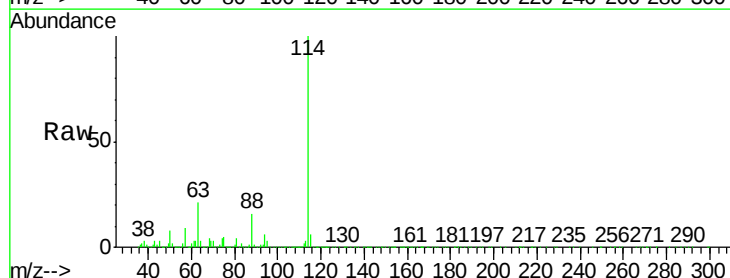
Tgt Ion: 114 Resp: 551822

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

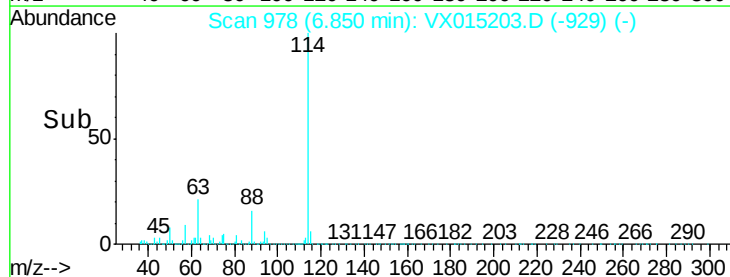
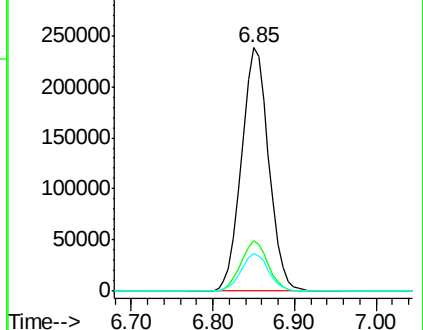
88 15.6 0.0 30.6

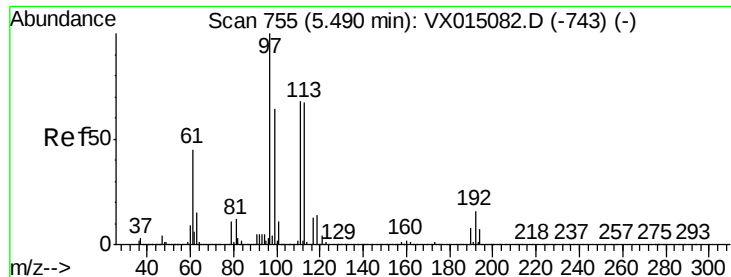


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.85 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015203.D

Acq: 11 Mar 2020 16:10

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#12

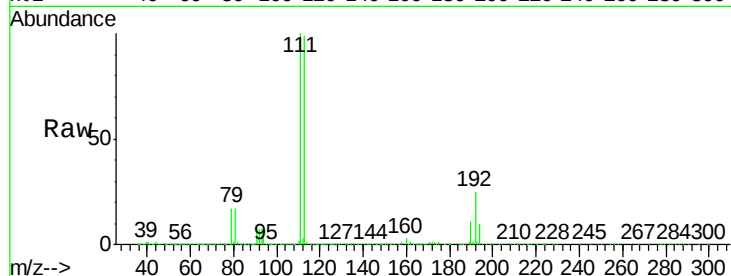
Tgt Ion:113 Resp: 177017

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

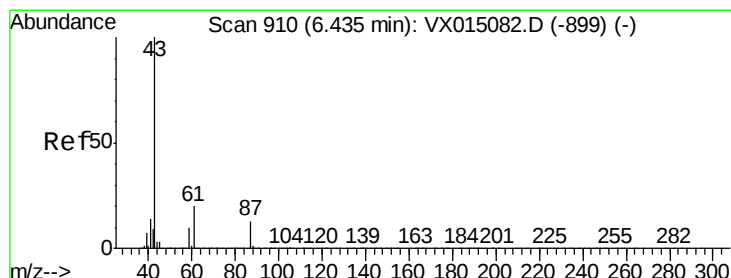
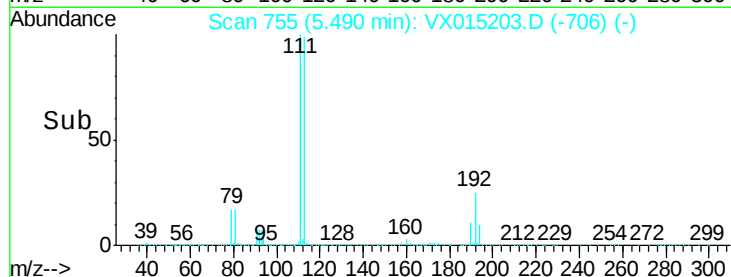
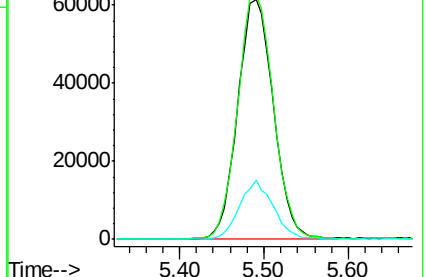
192 23.0 18.6 28.0



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



#43

Isopropyl Acetate

Concen: 10.47 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015203.D

Acq: 11 Mar 2020 16:10

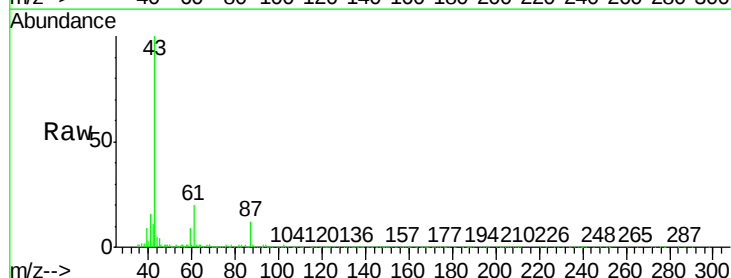
Tgt Ion: 43 Resp: 87168

Ion Ratio Lower Upper

43 100

61 18.4 16.1 24.1

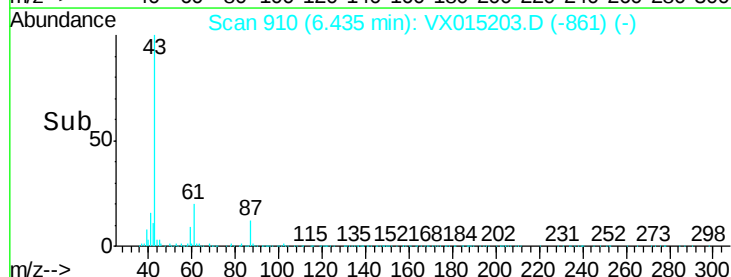
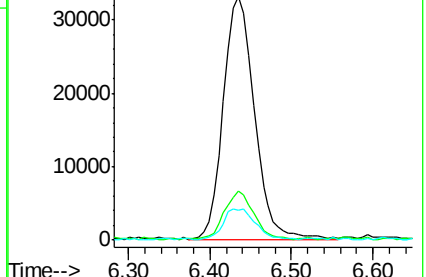
87 12.8 10.6 16.0

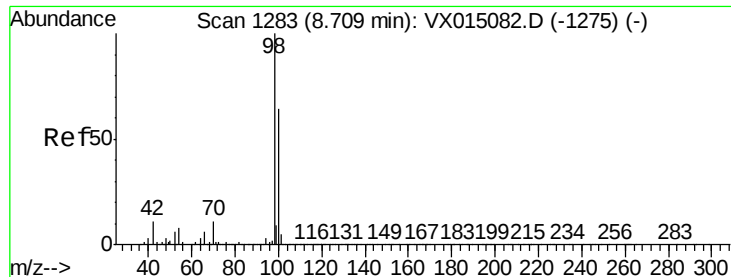


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.89 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015203.D

Acq: 11 Mar 2020 16:10

Instrument :

MSVOA_X

ClientSampleId :

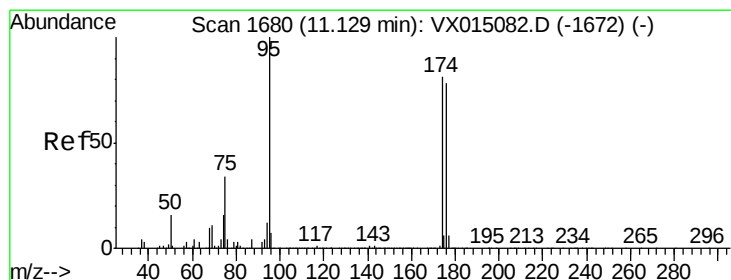
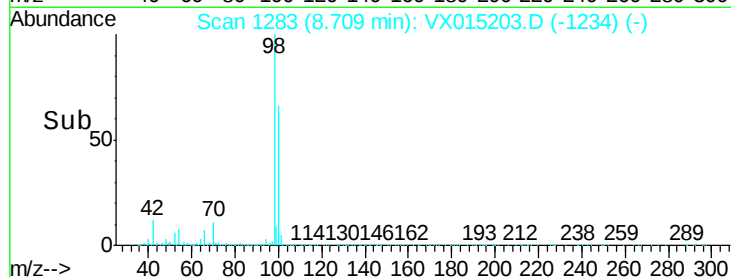
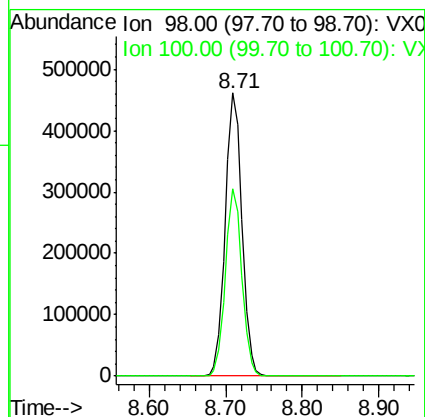
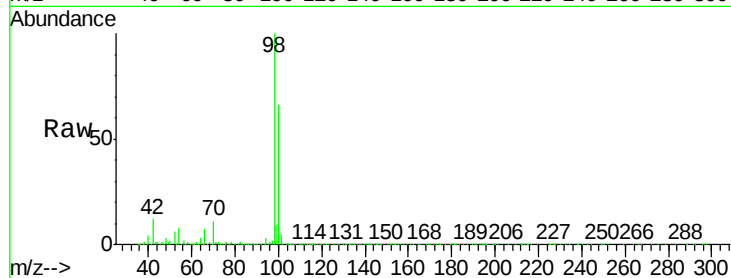
PB127431ZHE#12

Tgt Ion: 98 Resp: 700433

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.83 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015203.D

Acq: 11 Mar 2020 16:10

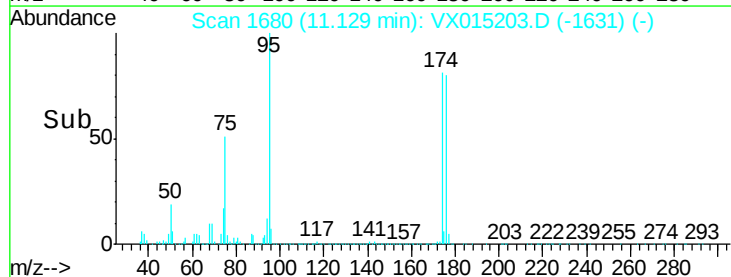
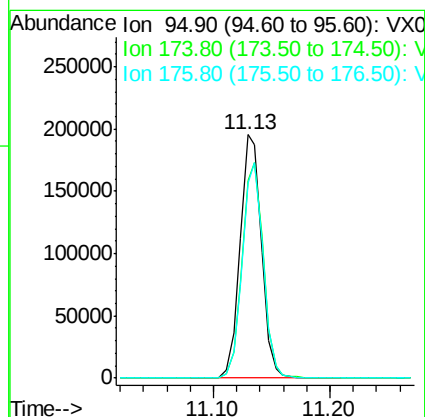
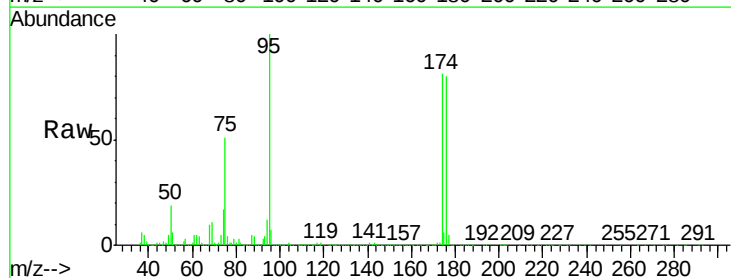
Tgt Ion: 95 Resp: 249547

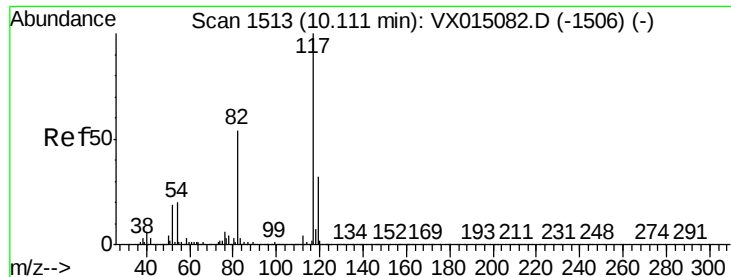
Ion Ratio Lower Upper

95 100

174 88.3 0.0 177.6

176 86.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015203.D

Acq: 11 Mar 2020 16:10

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#12

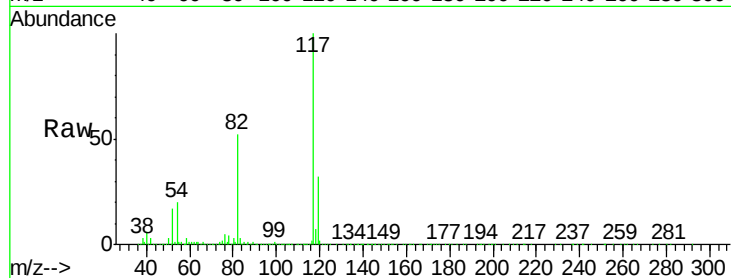
Tgt Ion:117 Resp: 553780

Ion Ratio Lower Upper

117 100

82 52.4 43.3 64.9

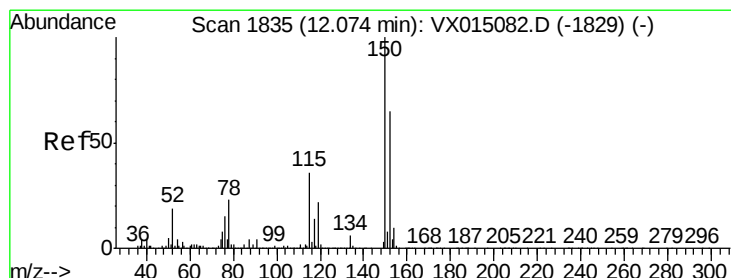
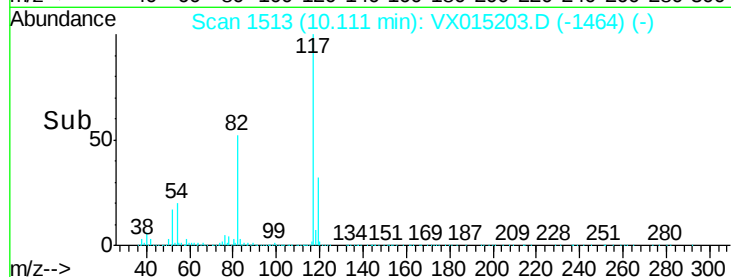
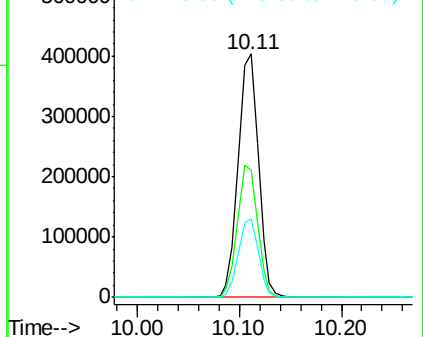
119 32.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015203.D

Acq: 11 Mar 2020 16:10

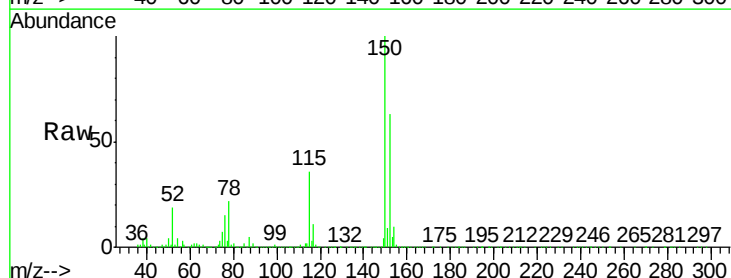
Tgt Ion:152 Resp: 270541

Ion Ratio Lower Upper

152 100

115 56.2 38.2 114.6

150 159.1 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

