

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015200.D
 Acq On : 11 Mar 2020 15:02
 Operator : JC/SP
 Sample : PB127431ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#09

Quant Time: Mar 12 06:56:20 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	311404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	529323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	533880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	260672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	200889	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
35) Dibromofluoromethane	5.49	113	166351	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	8.71	98	663088	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.14	95	242790	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	

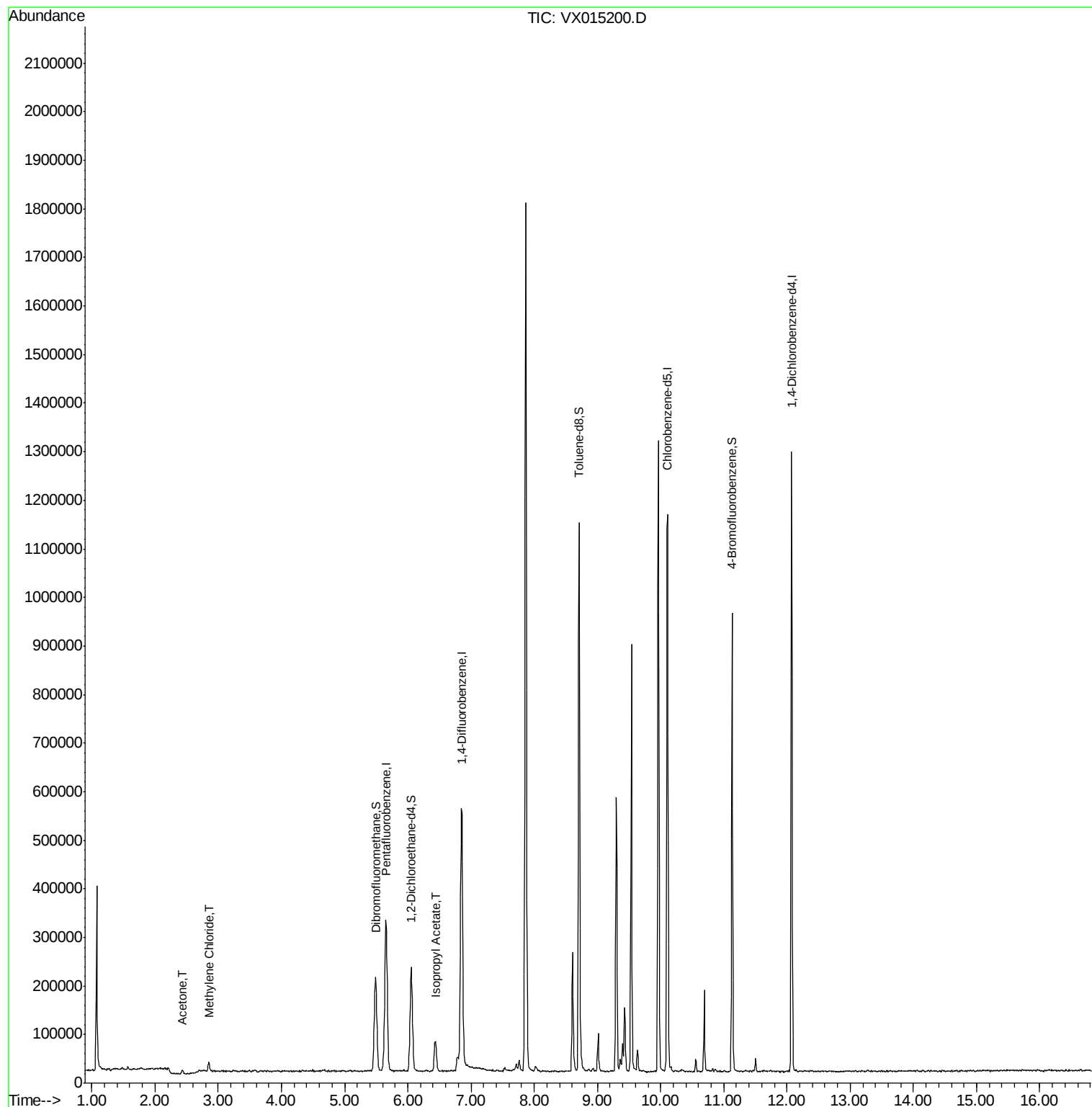
Target Compounds						Qvalue
16) Acetone	2.43	43	10947	7.32	ug/l	# 88
20) Methylene Chloride	2.86	84	9387	2.68	ug/l	93
43) Isopropyl Acetate	6.43	43	85529	10.71	ug/l	100

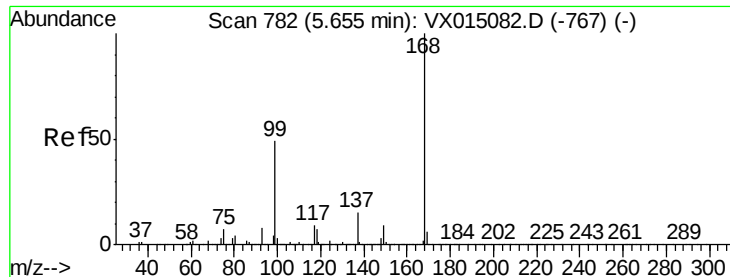
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015200.D

Acq: 11 Mar 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

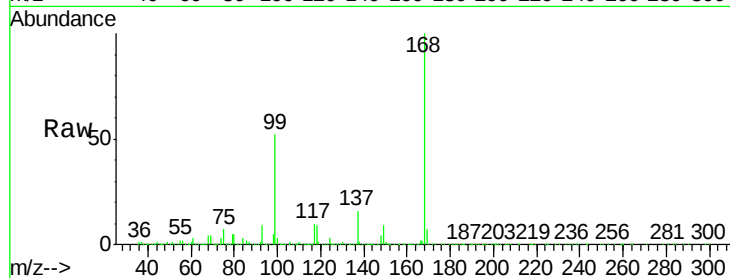
PB127431ZHE#09

Tgt Ion:168 Resp: 311404

Ion Ratio Lower Upper

168 100

99 51.7 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

120000

100000

80000

60000

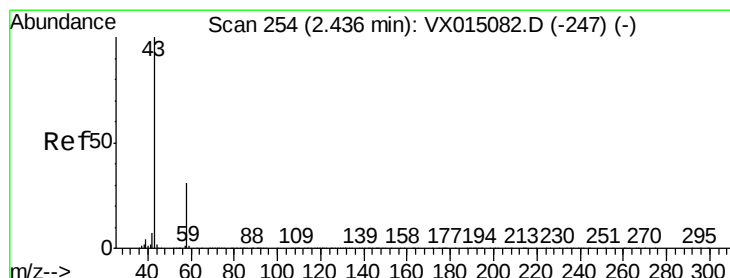
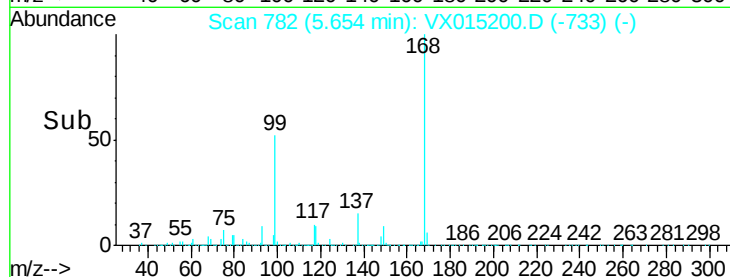
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.32 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015200.D

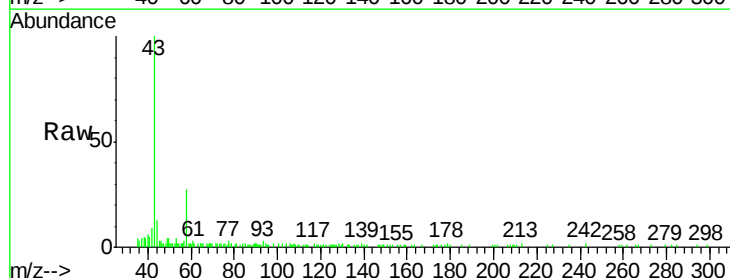
Acq: 11 Mar 2020 15:02

Tgt Ion: 43 Resp: 10947

Ion Ratio Lower Upper

43 100

58 24.6 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

8000

6000

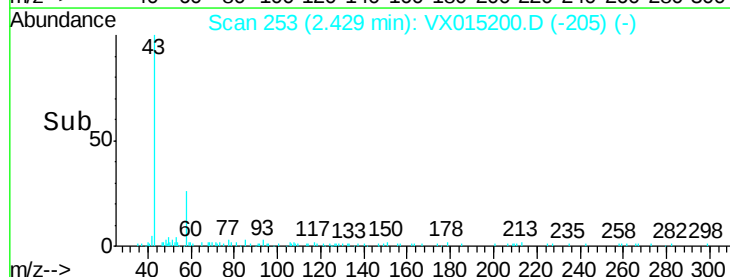
4000

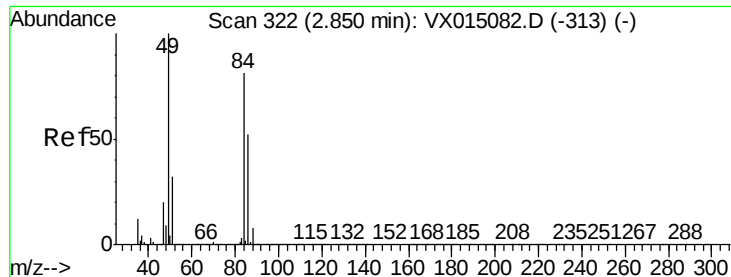
2000

0

Time-->

2.35 2.40 2.45 2.50

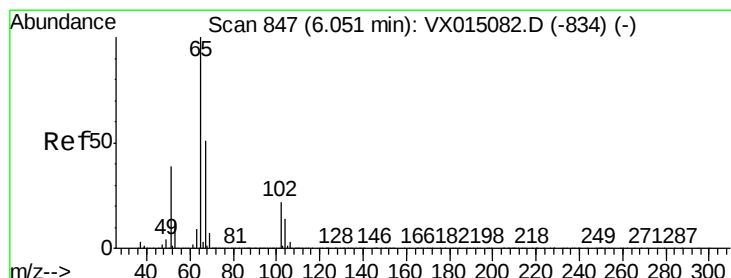
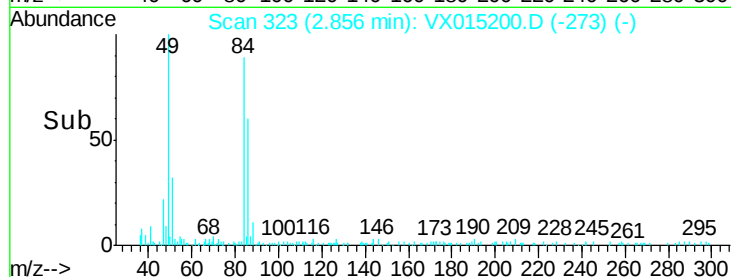
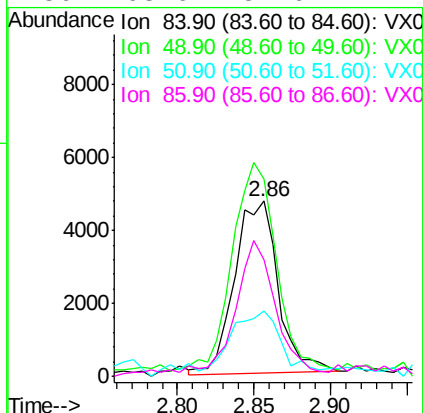
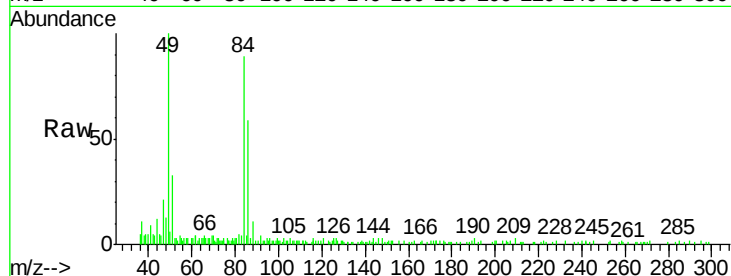




#20
Methylene Chloride
Concen: 2.68 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX015200.D
Acq: 11 Mar 2020 15:02

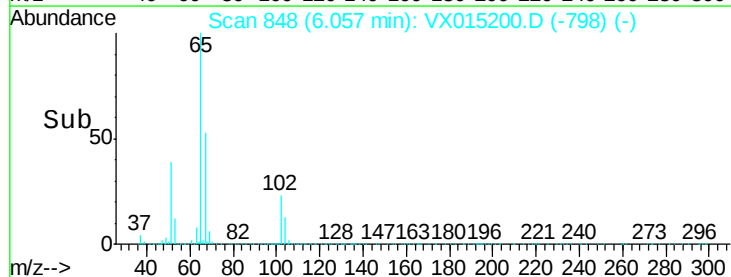
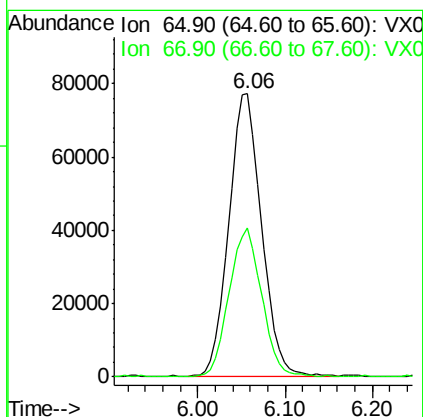
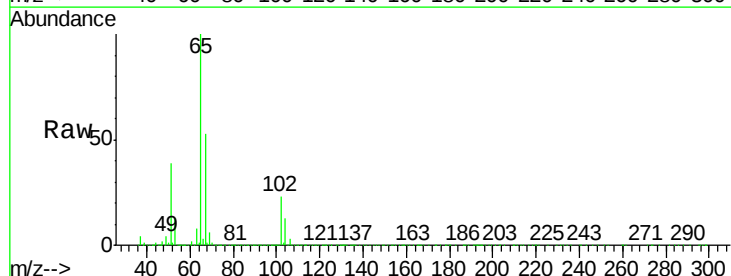
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#09

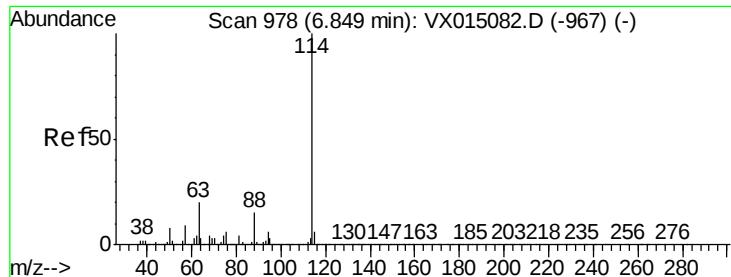
Tgt Ion: 84 Resp: 9387
Ion Ratio Lower Upper
84 100
49 113.3 99.4 149.2
51 34.5 31.5 47.3
86 63.6 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 54.38 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015200.D
Acq: 11 Mar 2020 15:02

Tgt Ion: 65 Resp: 200889
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015200.D

Acq: 11 Mar 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#09

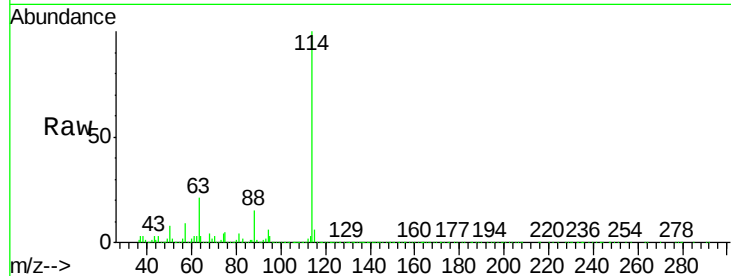
Tgt Ion:114 Resp: 529323

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

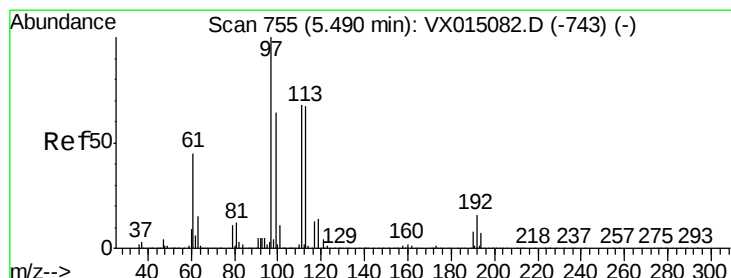
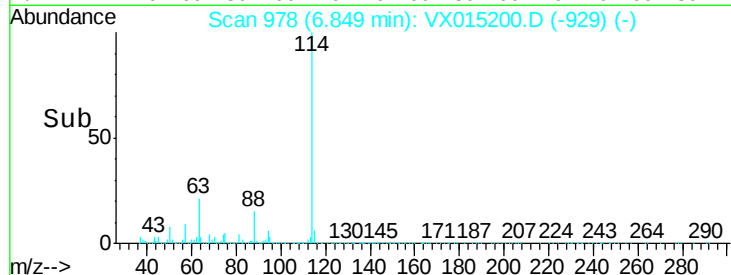
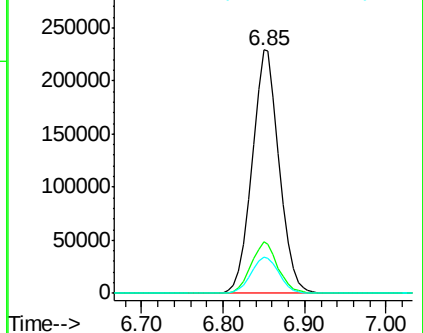
88 15.1 0.0 30.6



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: 49.82 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015200.D

Acq: 11 Mar 2020 15:02

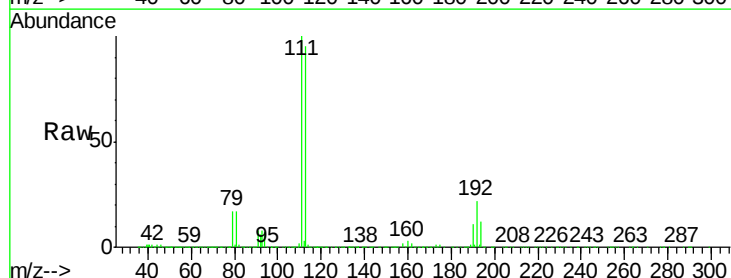
Tgt Ion:113 Resp: 166351

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

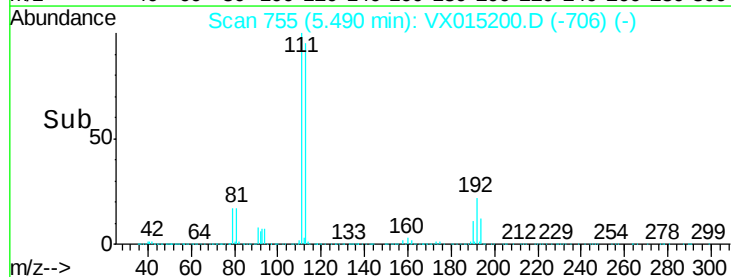
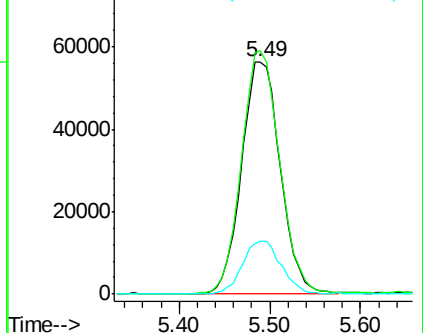
192 23.2 18.6 28.0

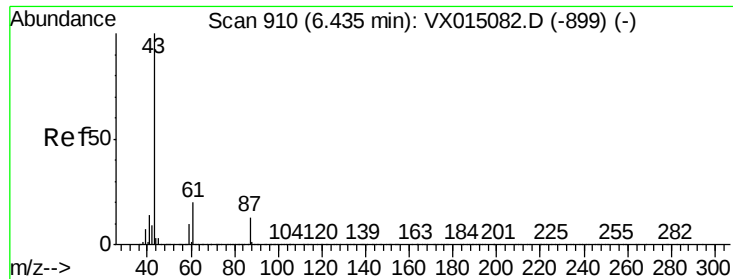


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.71 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015200.D

Acq: 11 Mar 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#09

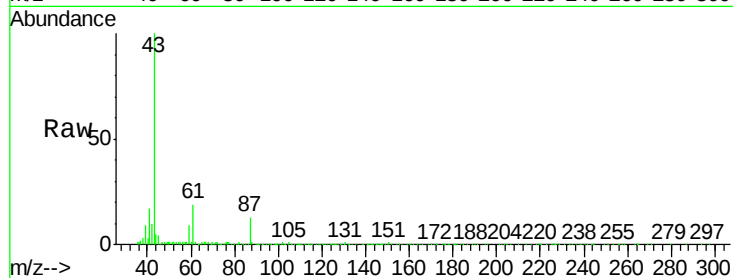
Tgt Ion: 43 Resp: 85529

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

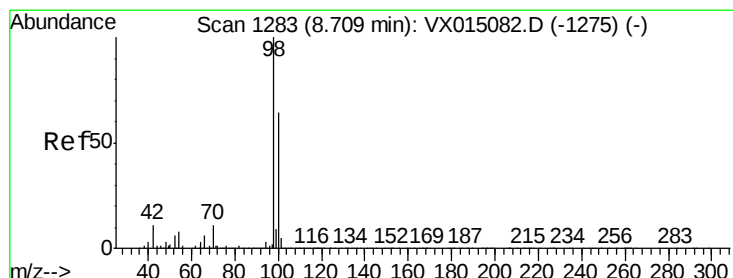
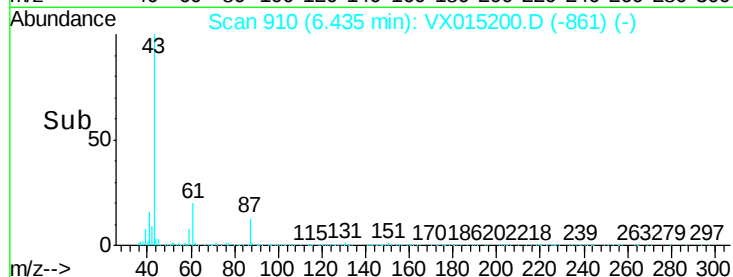
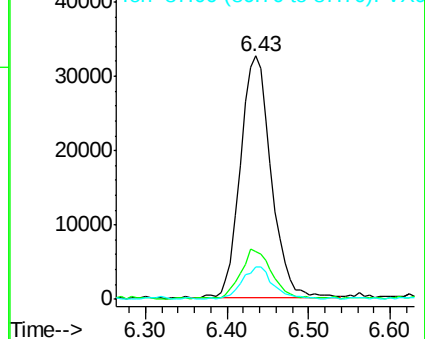
87 13.1 10.6 16.0



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: 52.20 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015200.D

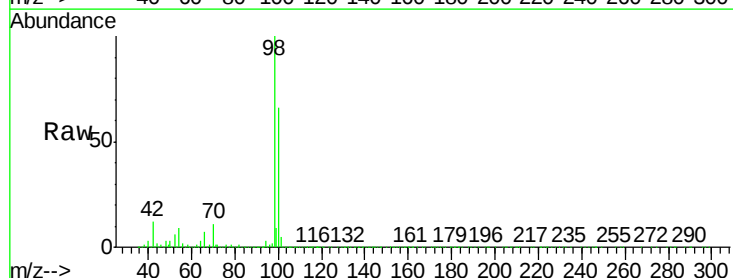
Acq: 11 Mar 2020 15:02

Tgt Ion: 98 Resp: 663088

Ion Ratio Lower Upper

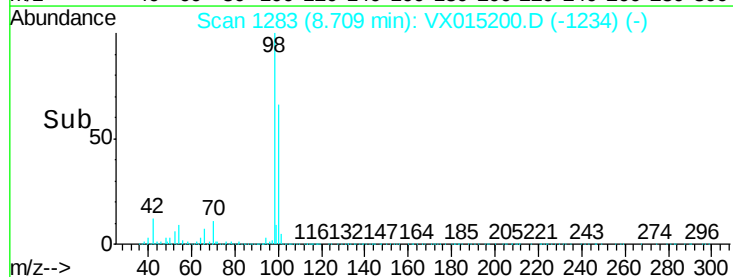
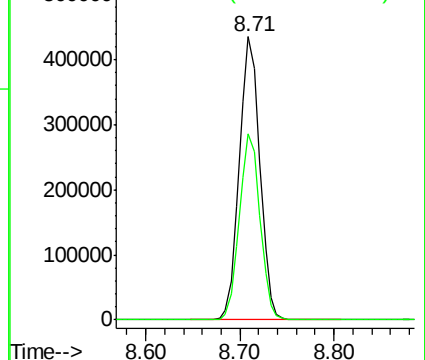
98 100

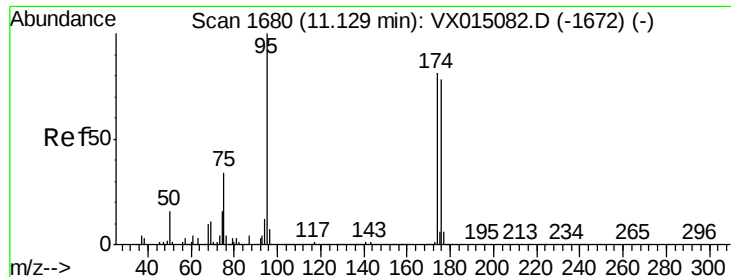
100 66.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.59 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015200.D

Acq: 11 Mar 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#09

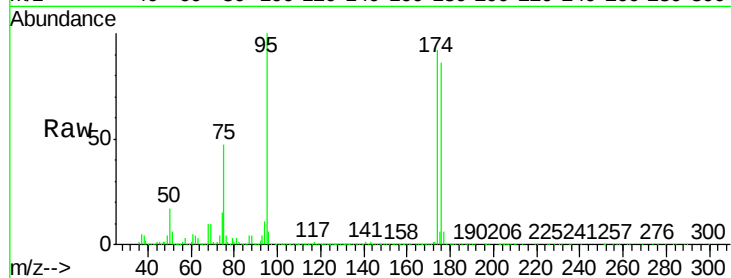
Tgt Ion: 95 Resp: 242790

Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

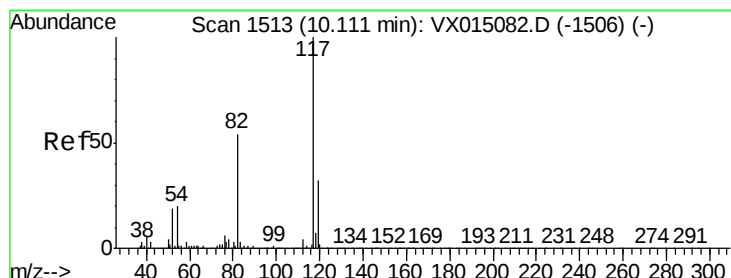
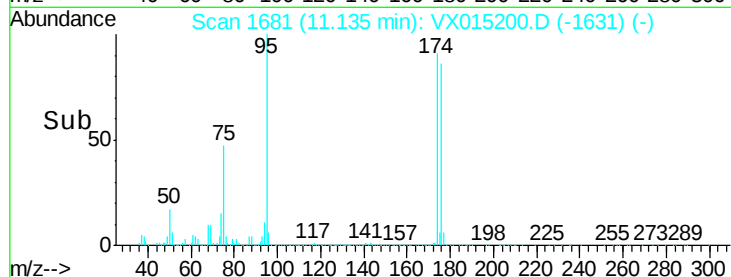
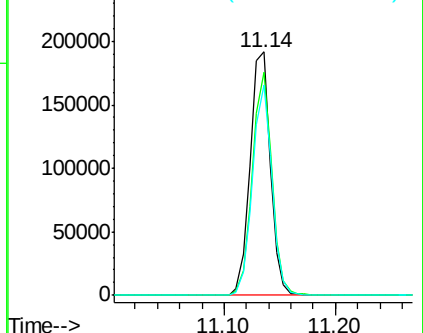
176 83.3 0.0 170.2



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: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015200.D

Acq: 11 Mar 2020 15:02

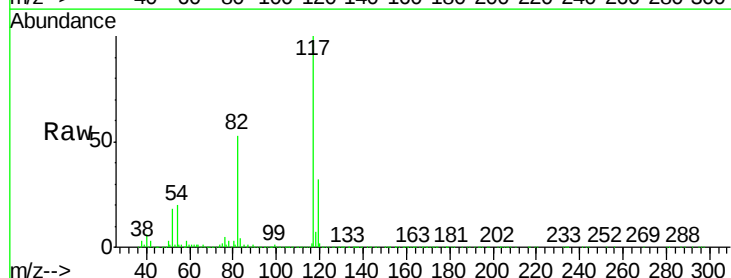
Tgt Ion: 117 Resp: 533880

Ion Ratio Lower Upper

117 100

82 53.0 43.3 64.9

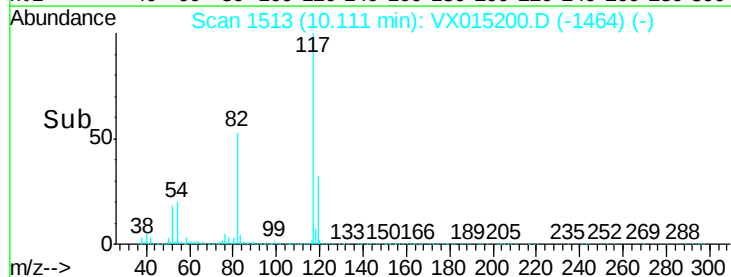
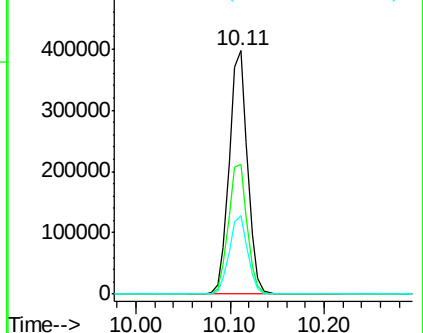
119 32.3 25.8 38.8

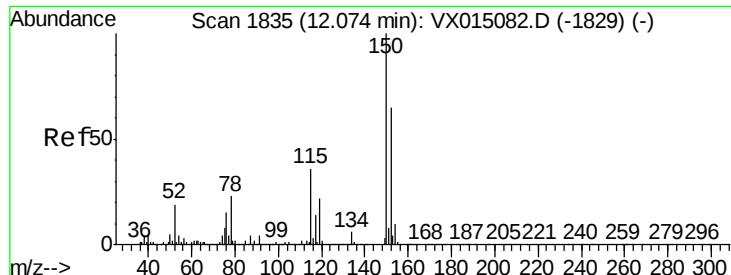


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX015200.D

Acq: 11 Mar 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#09

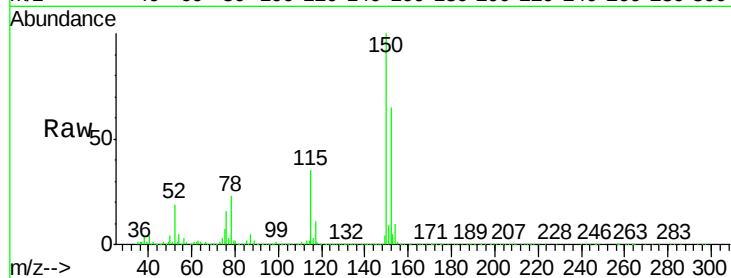
Tgt Ion:152 Resp: 260672

Ion Ratio Lower Upper

152 100

115 55.6 38.2 114.6

150 156.3 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

