

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015197.D
 Acq On : 11 Mar 2020 13:54
 Operator : JC/SP
 Sample : PB127431ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#06

Quant Time: Mar 12 06:50:11 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	319992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	544134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	532193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	260959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	204606	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
35) Dibromofluoromethane	5.49	113	171151	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	675363	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.13	95	243346	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

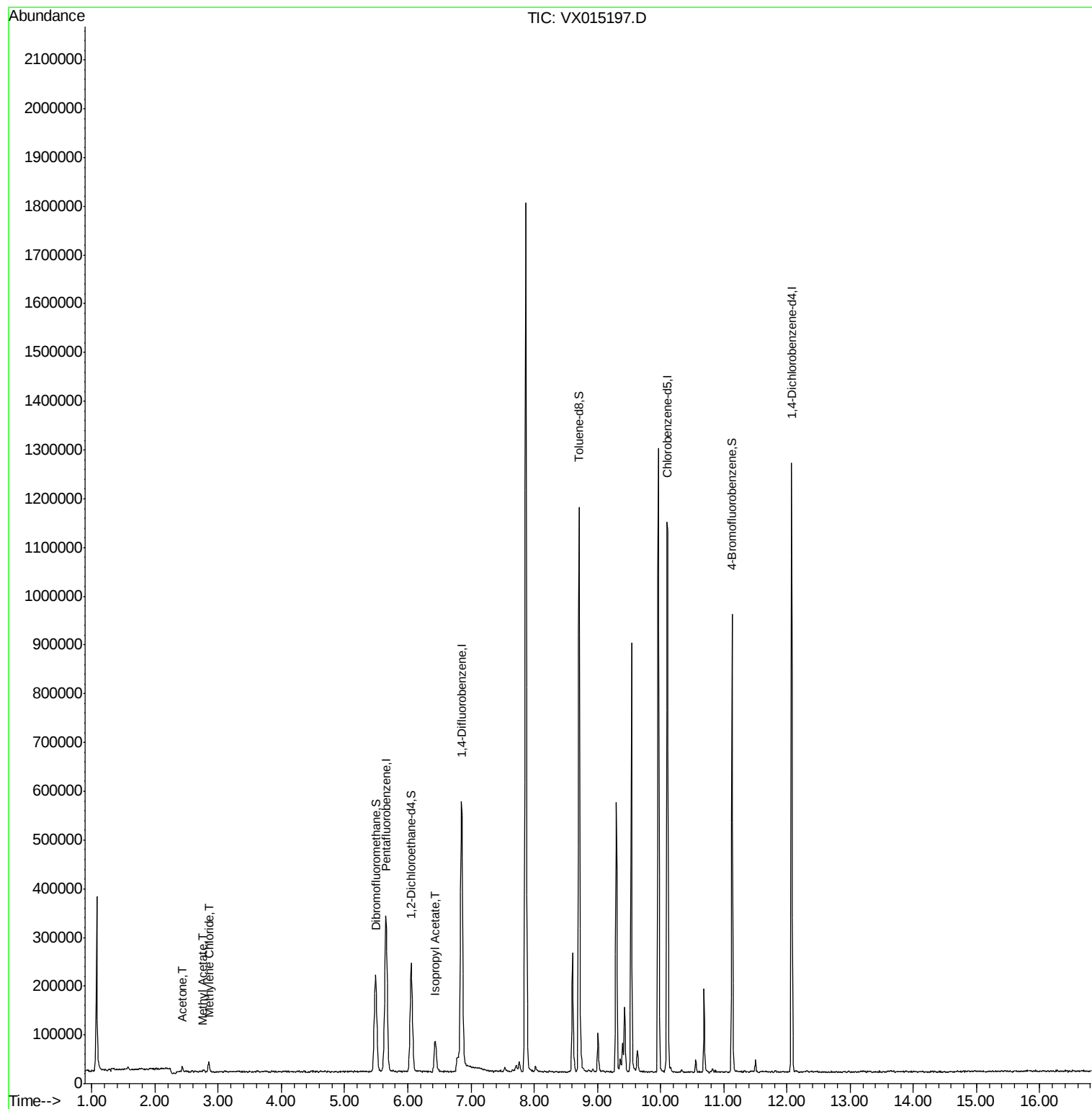
Target Compounds						Qvalue
16) Acetone	2.43	43	11619	7.56	ug/l	92
18) Methyl Acetate	2.76	43	4349	1.16	ug/l	# 85
20) Methylene Chloride	2.85	84	9472	2.63	ug/l	95
43) Isopropyl Acetate	6.43	43	85410	10.40	ug/l	99

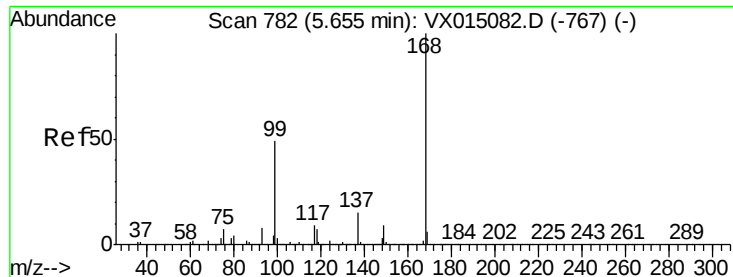
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015197.D

Acq: 11 Mar 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

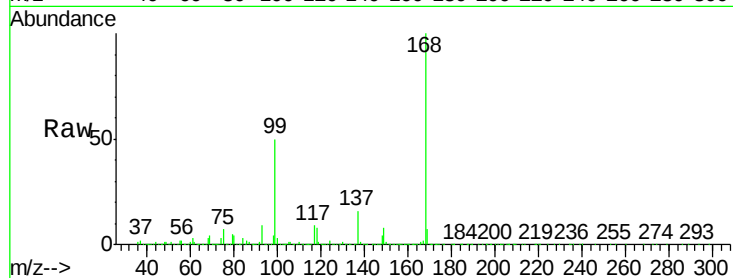
PB127431ZHE#06

Tgt Ion:168 Resp: 319992

Ion Ratio Lower Upper

168 100

99 50.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

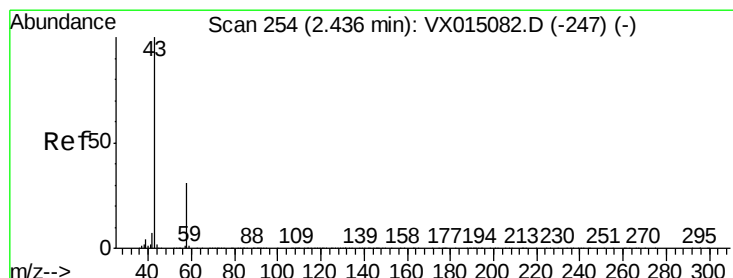
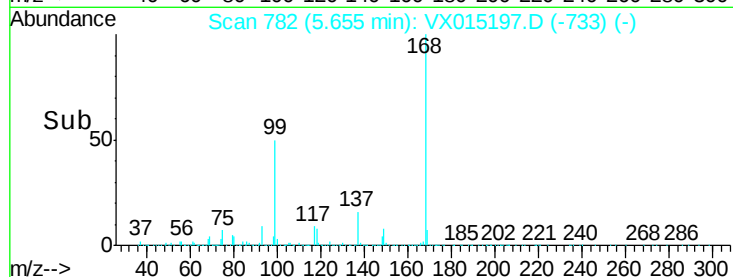
5.65

100000

50000

0

Time-->



#16

Acetone

Concen: 7.56 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015197.D

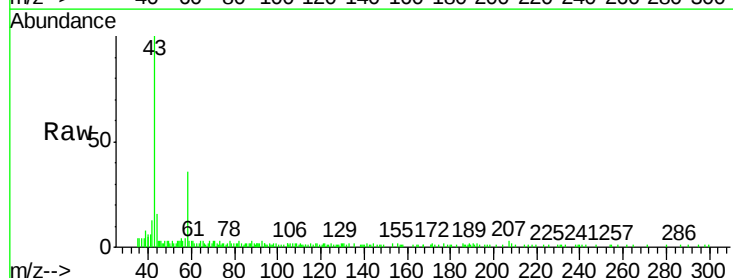
Acq: 11 Mar 2020 13:54

Tgt Ion: 43 Resp: 11619

Ion Ratio Lower Upper

43 100

58 35.6 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

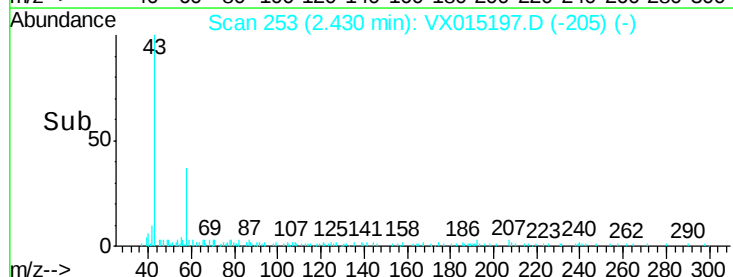
6000

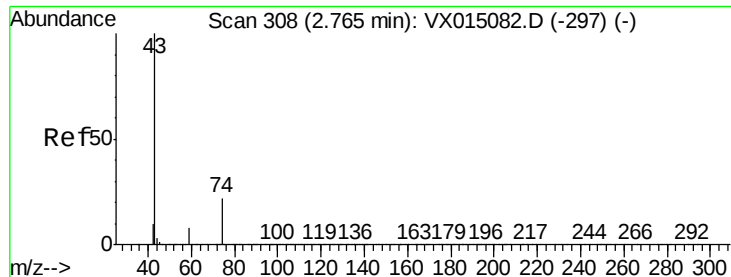
4000

2000

0

Time-->

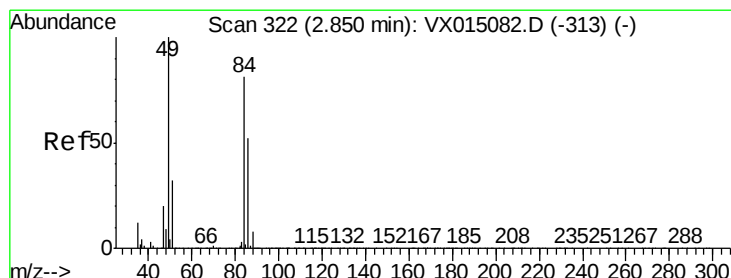
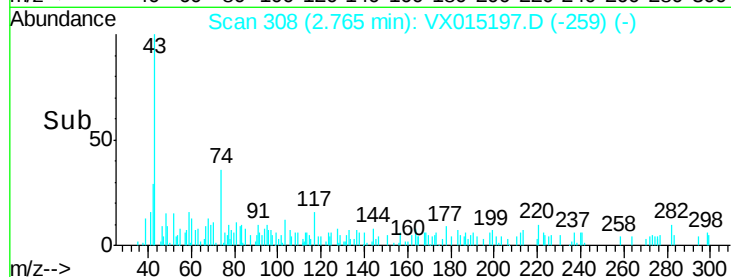
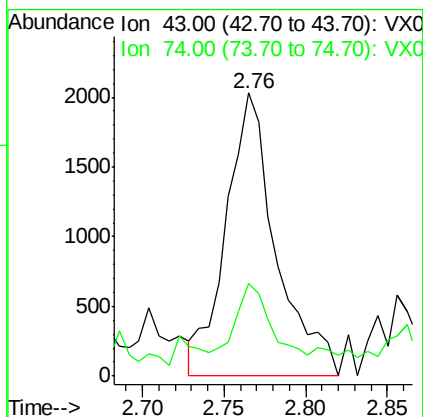
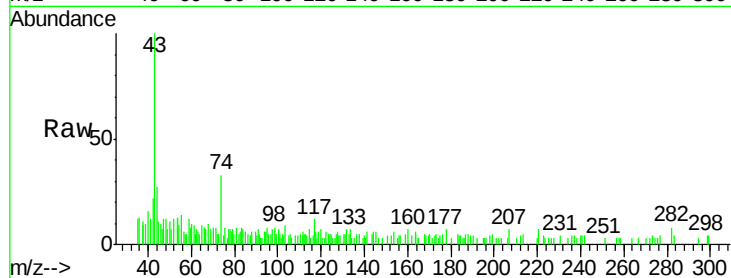




#18
Methyl Acetate
Concen: 1.16 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015197.D
Acq: 11 Mar 2020 13:54

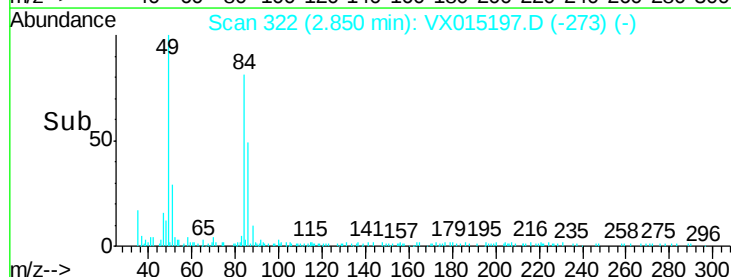
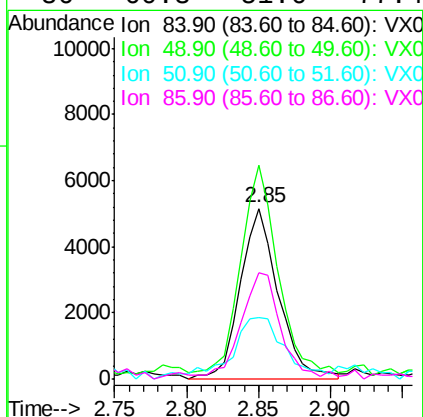
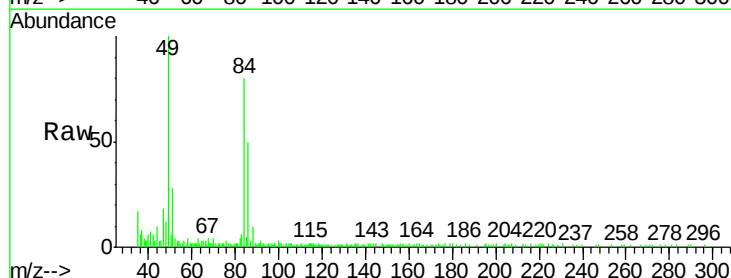
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#06

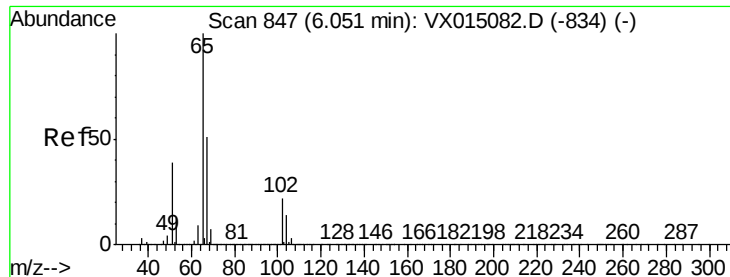
Tgt Ion: 43 Resp: 4349
Ion Ratio Lower Upper
43 100
74 16.2 18.8 28.2#



#20
Methylene Chloride
Concen: 2.63 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015197.D
Acq: 11 Mar 2020 13:54

Tgt Ion: 84 Resp: 9472
Ion Ratio Lower Upper
84 100
49 121.8 99.4 149.2
51 32.4 31.5 47.3
86 60.3 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 53.90 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015197.D

Acq: 11 Mar 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

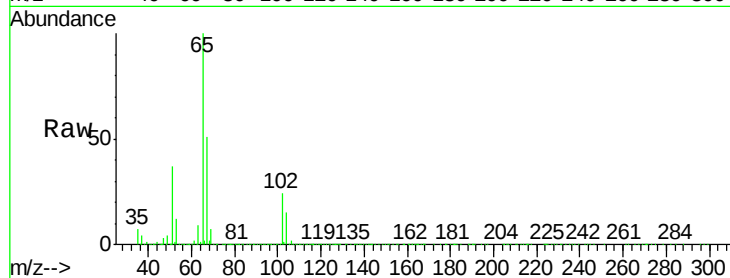
PB127431ZHE#06

Tgt Ion: 65 Resp: 204606

Ion Ratio Lower Upper

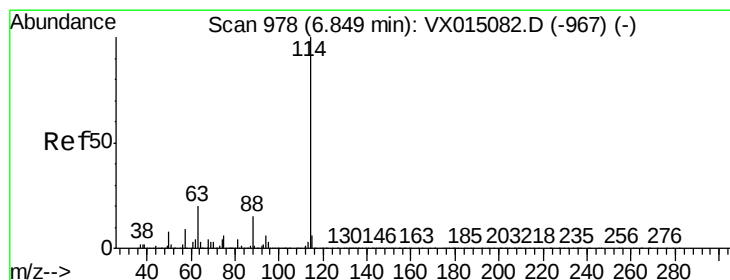
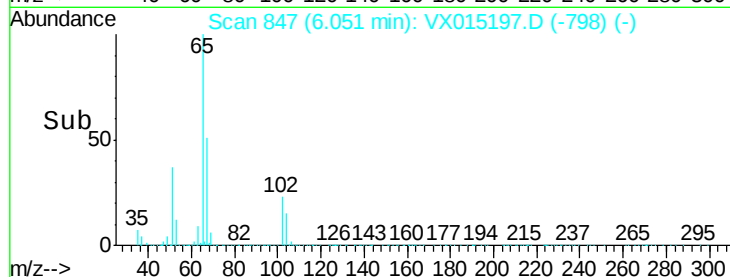
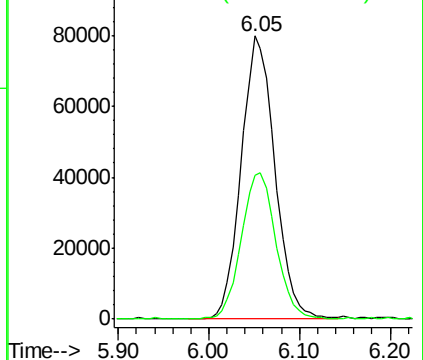
65 100

67 52.8 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: VX015197.D

Acq: 11 Mar 2020 13:54

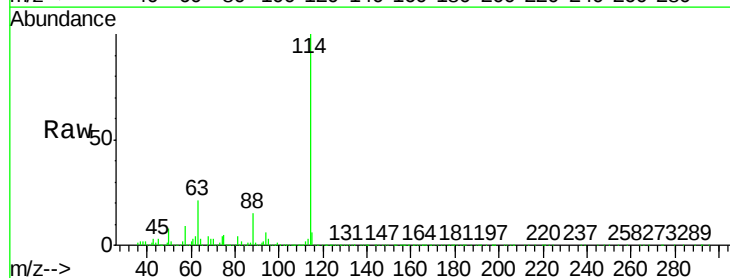
Tgt Ion: 114 Resp: 544134

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

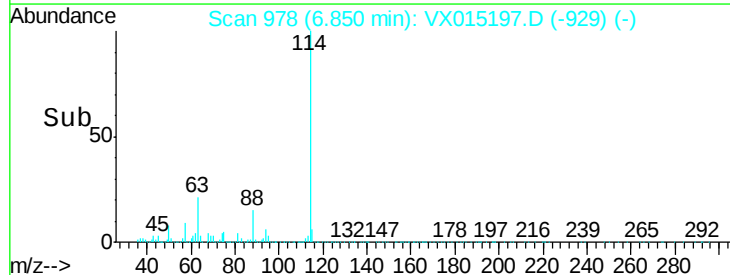
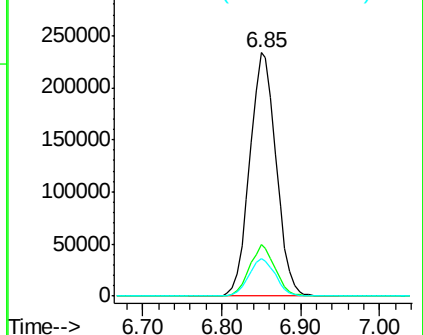
88 15.2 0.0 30.6

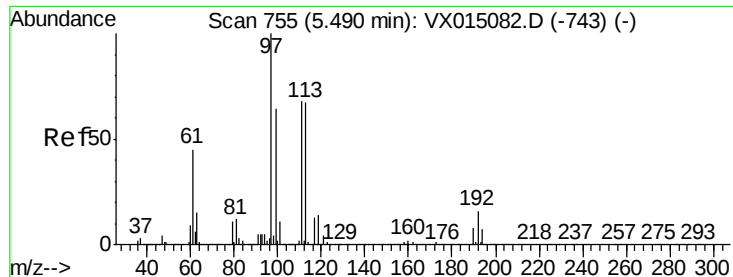


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

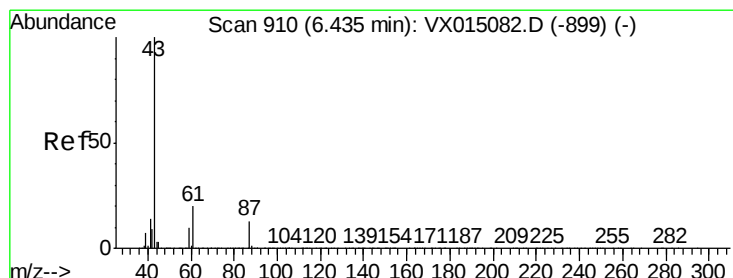
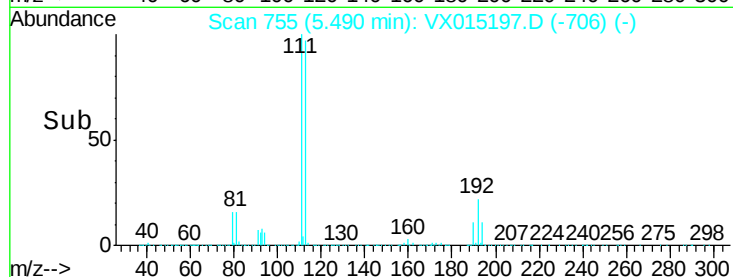
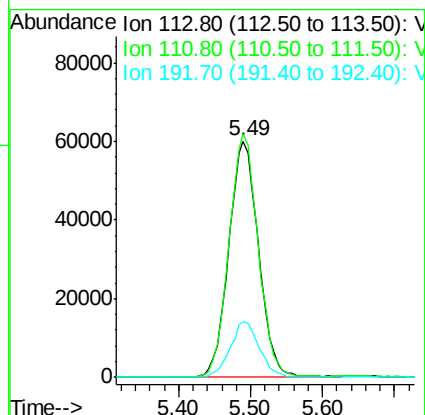
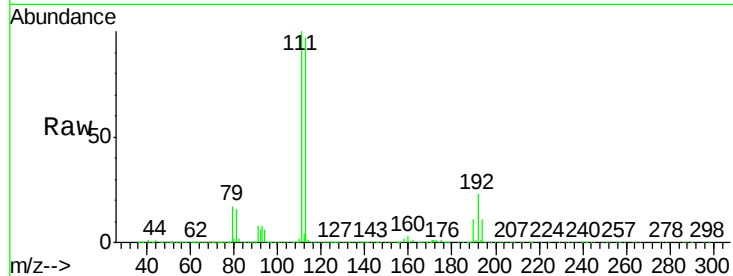




#35
 Dibromofluoromethane
 Concen: 49.86 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015197.D
 Acq: 11 Mar 2020 13:54

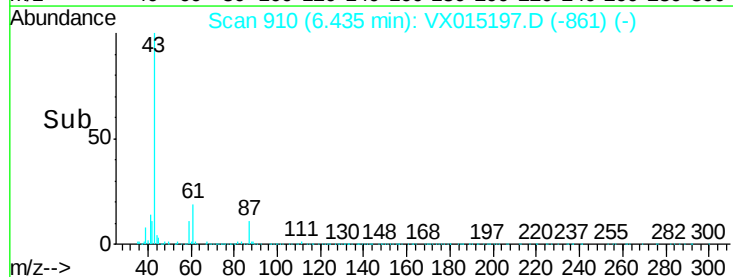
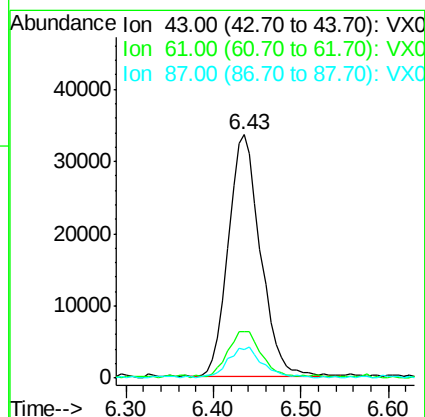
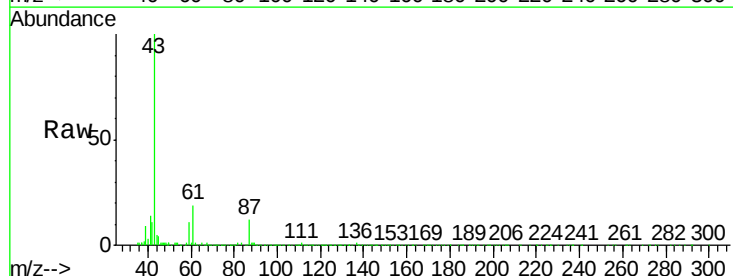
Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#06

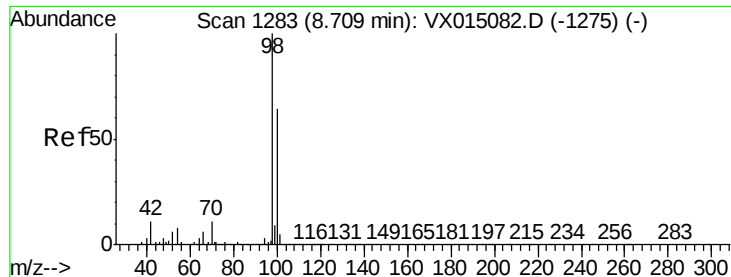
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	23.4	18.6	28.0



#43
 Isopropyl Acetate
 Concen: 10.40 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015197.D
 Acq: 11 Mar 2020 13:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	12.6	10.6	16.0





#50

Toluene-d8

Concen: 51.72 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015197.D

Acq: 11 Mar 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

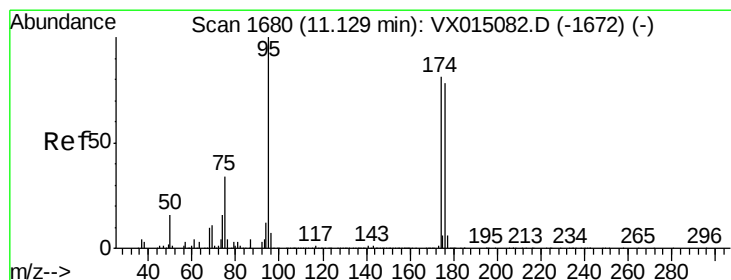
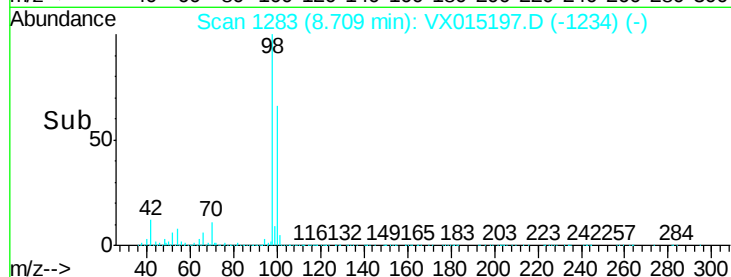
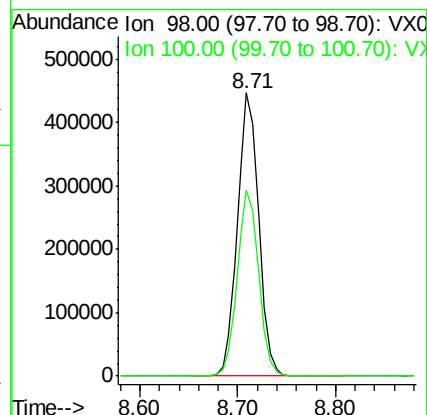
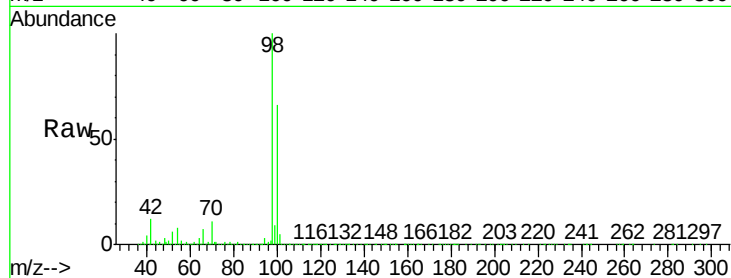
PB127431ZHE#06

Tgt Ion: 98 Resp: 675363

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.25 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015197.D

Acq: 11 Mar 2020 13:54

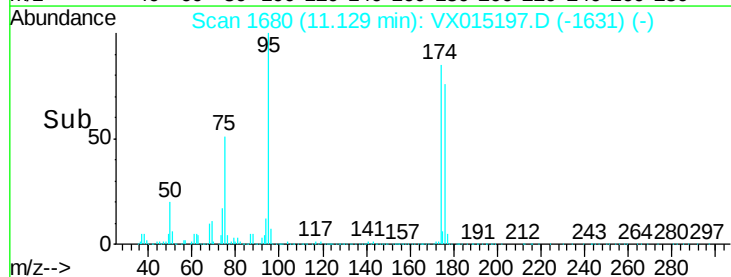
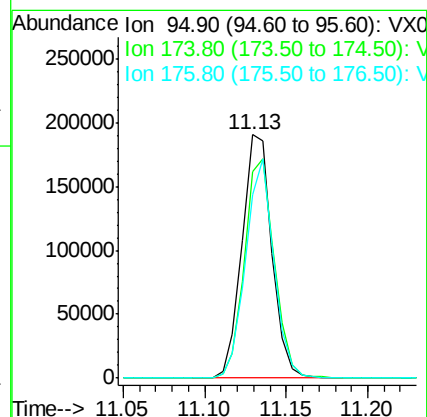
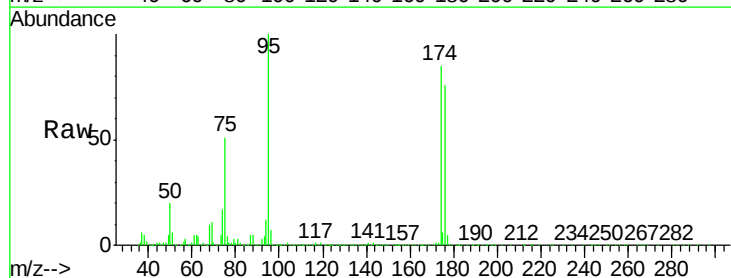
Tgt Ion: 95 Resp: 243346

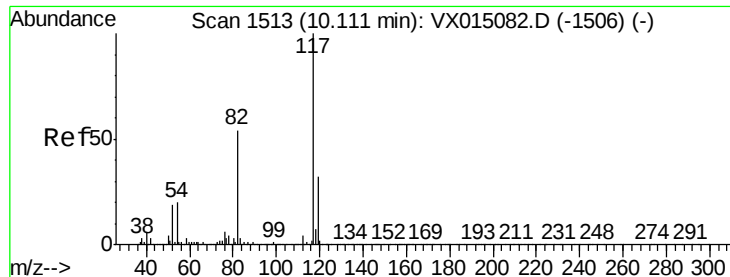
Ion Ratio Lower Upper

95 100

174 90.3 0.0 177.6

176 85.4 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: VX015197.D

Acq: 11 Mar 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#06

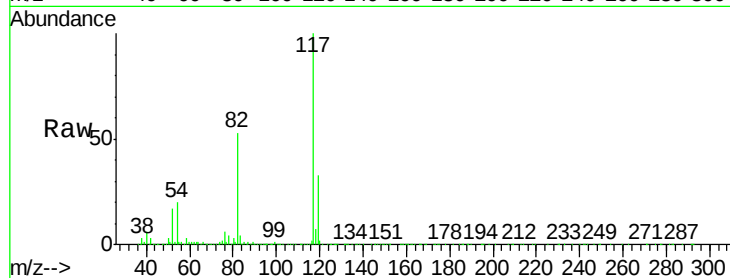
Tgt Ion:117 Resp: 532193

Ion Ratio Lower Upper

117 100

82 52.9 43.3 64.9

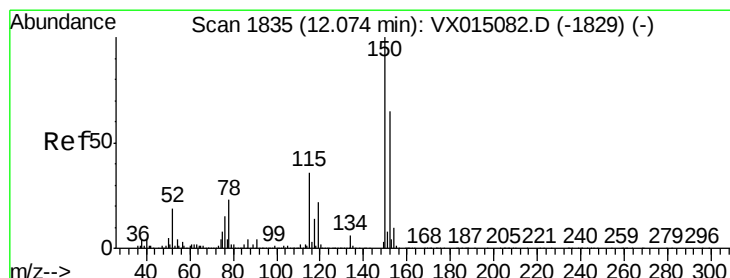
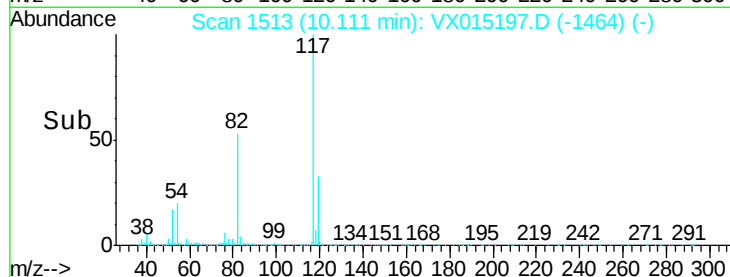
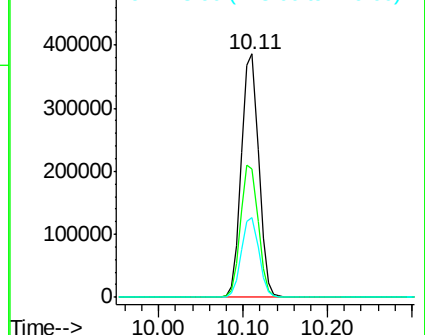
119 32.6 25.8 38.8



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: VX015197.D

Acq: 11 Mar 2020 13:54

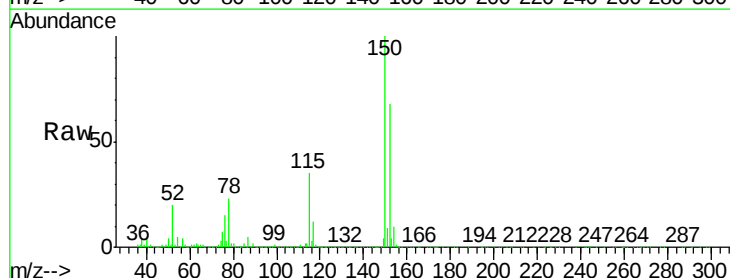
Tgt Ion:152 Resp: 260959

Ion Ratio Lower Upper

152 100

115 54.6 38.2 114.6

150 153.4 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

