

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015202.D
 Acq On : 11 Mar 2020 15:47
 Operator : JC/SP
 Sample : PB127431ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#11

Quant Time: Mar 12 07:00:35 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	293135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485748	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	489360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	170624	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.49	113	150638	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	603679	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.13	95	229936	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	

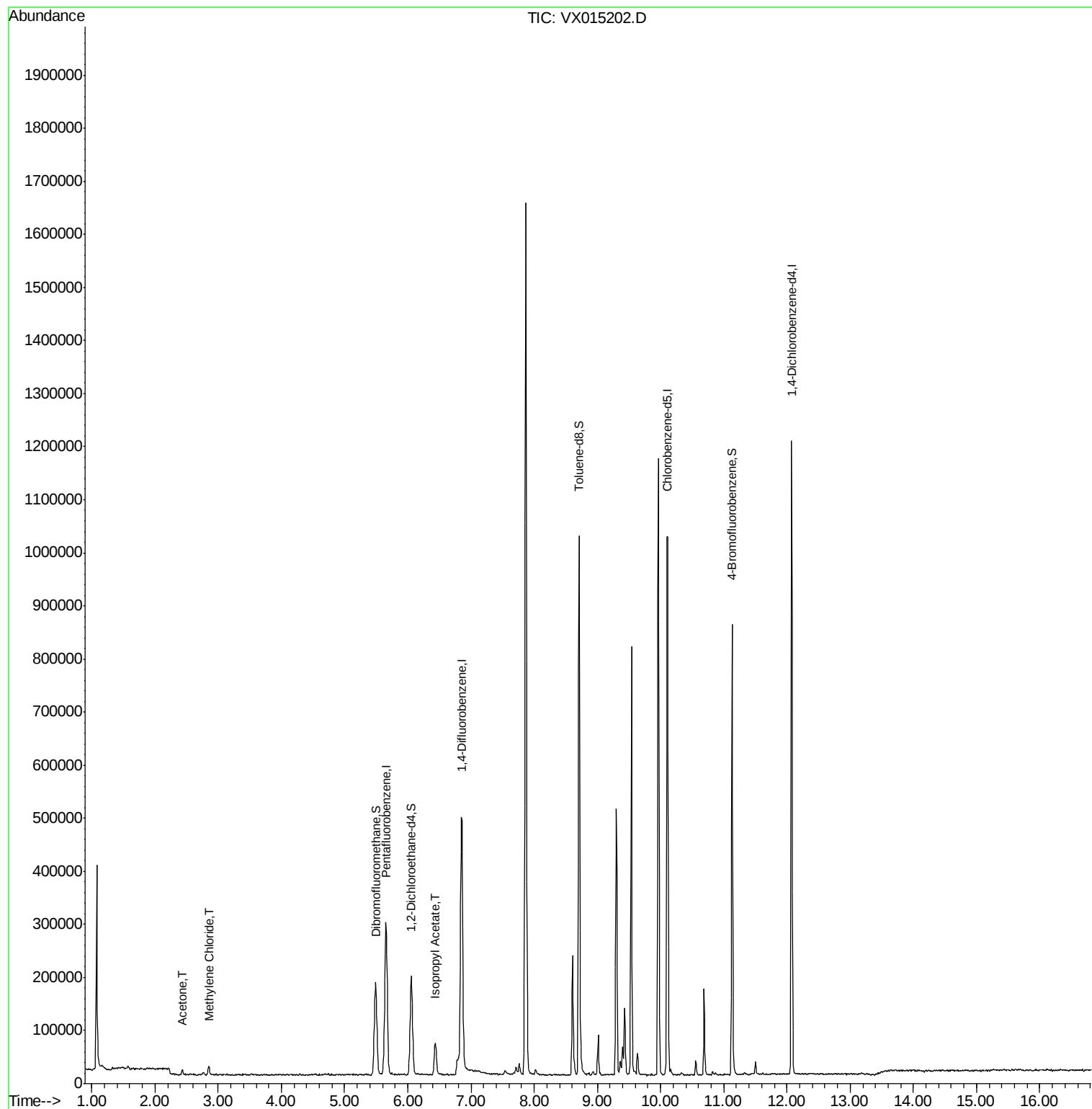
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	11084	7.87	ug/l	94
20) Methylene Chloride	2.85	84	8086	2.45	ug/l	91
43) Isopropyl Acetate	6.43	43	81868	11.17	ug/l	99

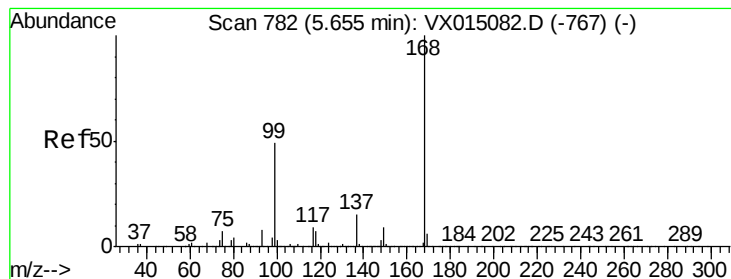
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015202.D

Acq: 11 Mar 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

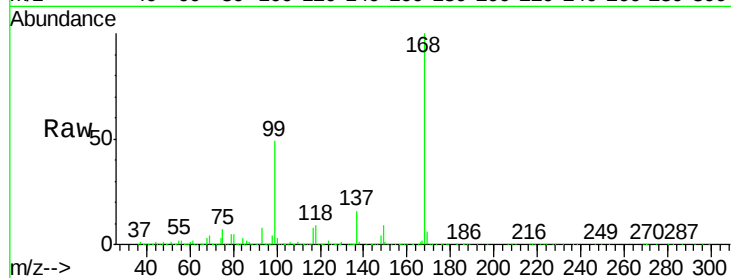
PB127431ZHE#11

Tgt Ion:168 Resp: 293135

Ion Ratio Lower Upper

168 100

99 48.7 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

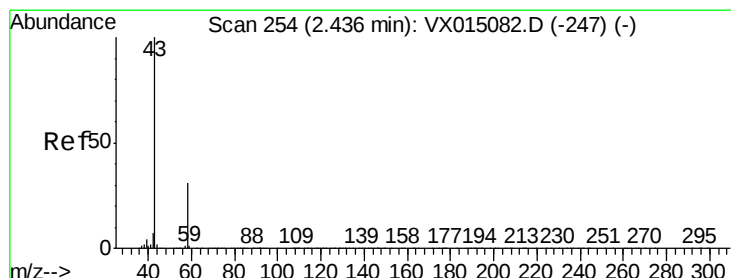
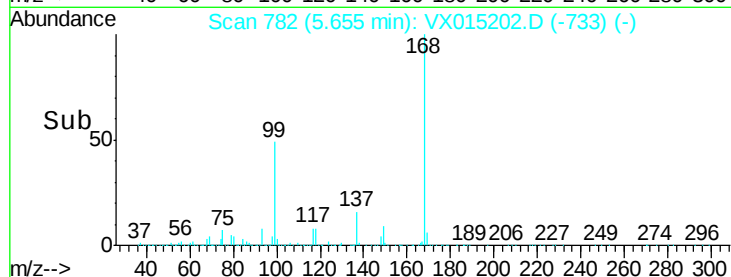
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.87 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015202.D

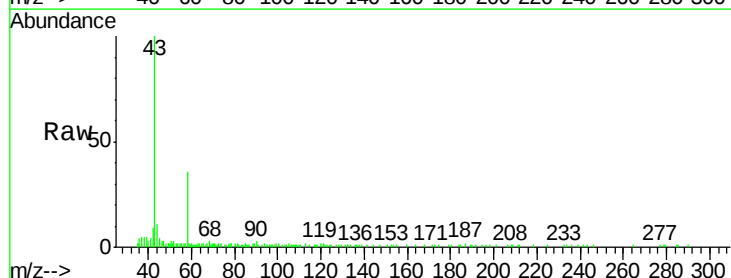
Acq: 11 Mar 2020 15:47

Tgt Ion: 43 Resp: 11084

Ion Ratio Lower Upper

43 100

58 34.5 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

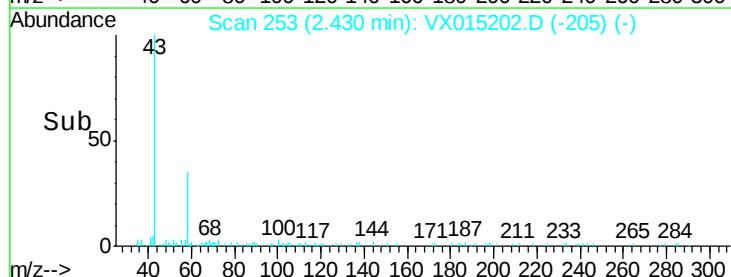
6000

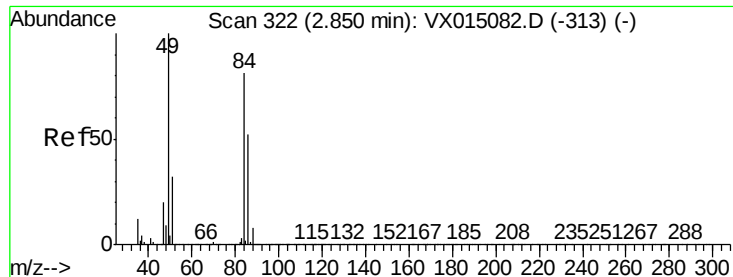
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.45 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015202.D

Acq: 11 Mar 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#11

Tgt Ion: 84 Resp: 8086

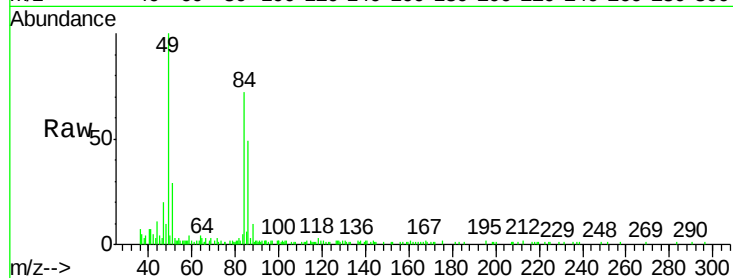
Ion Ratio Lower Upper

84 100

49 140.7 99.4 149.2

51 38.2 31.5 47.3

86 67.0 51.6 77.4

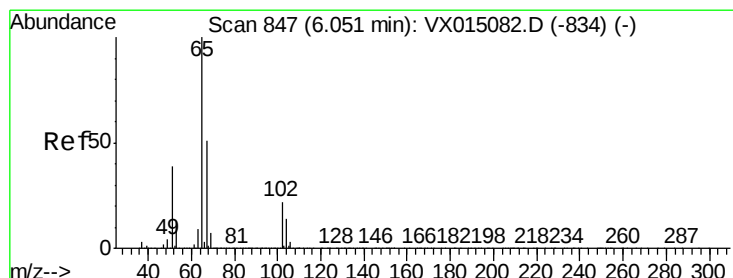
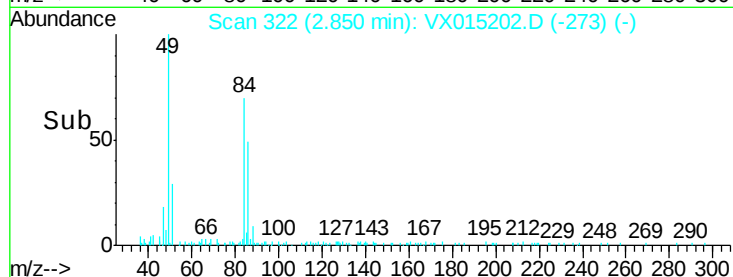
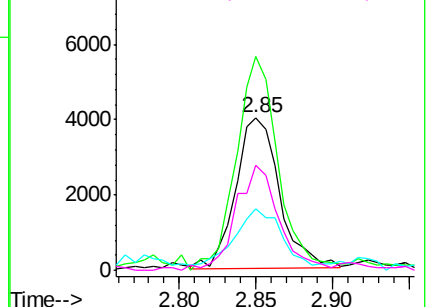


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 49.06 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015202.D

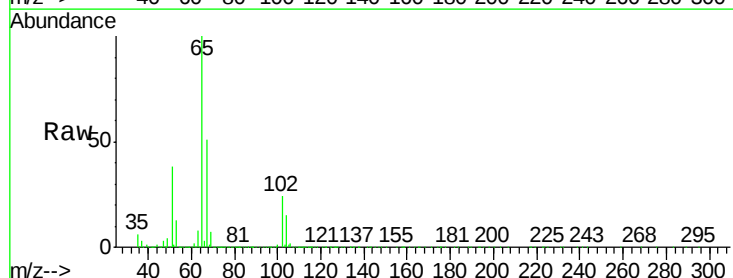
Acq: 11 Mar 2020 15:47

Tgt Ion: 65 Resp: 170624

Ion Ratio Lower Upper

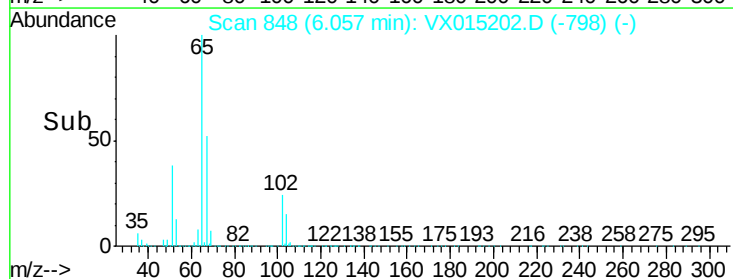
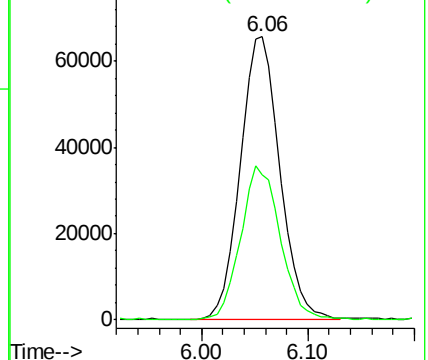
65 100

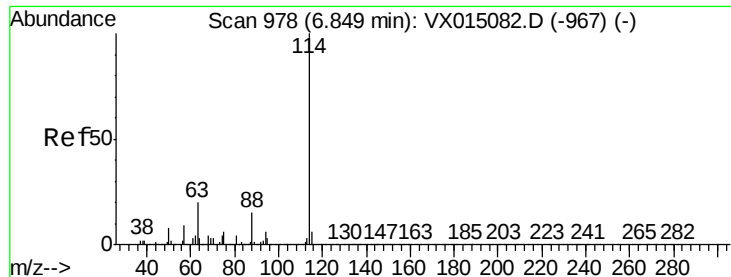
67 54.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

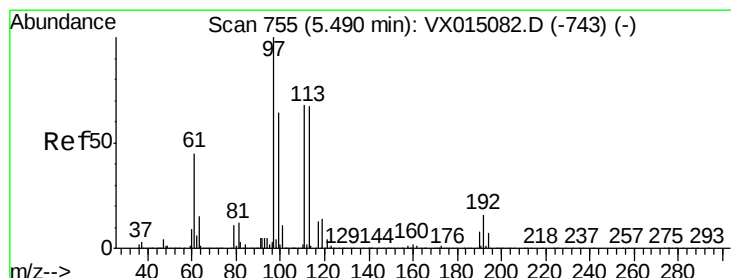
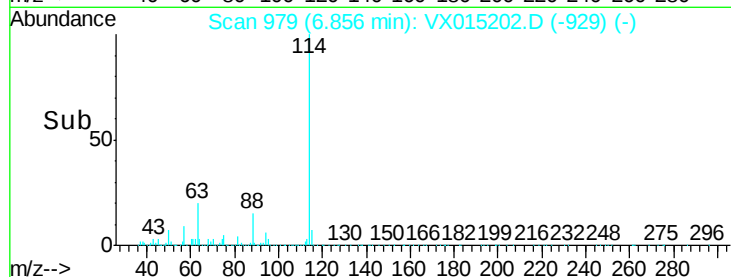
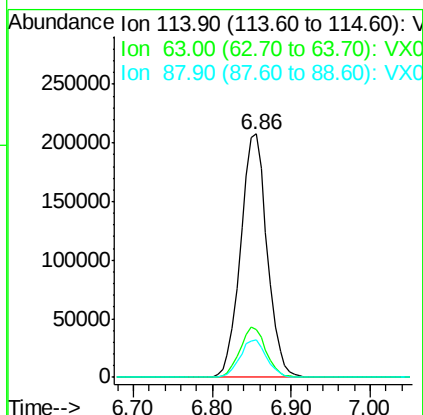
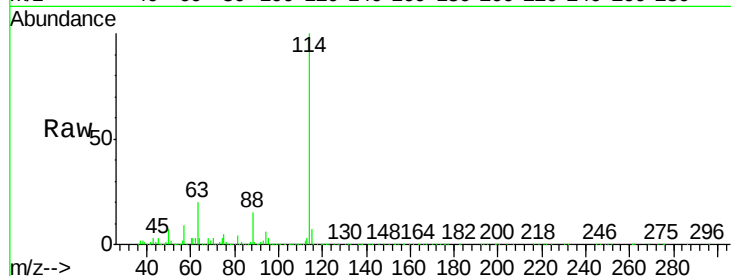




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX015202.D
Acq: 11 Mar 2020 15:47

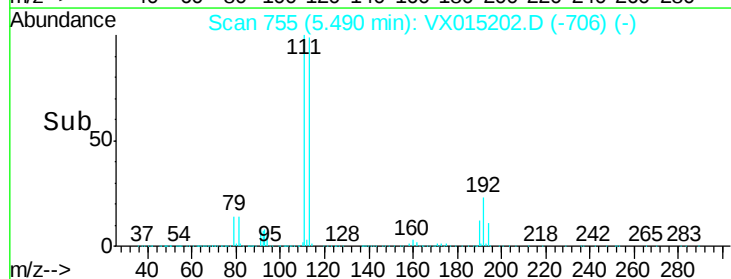
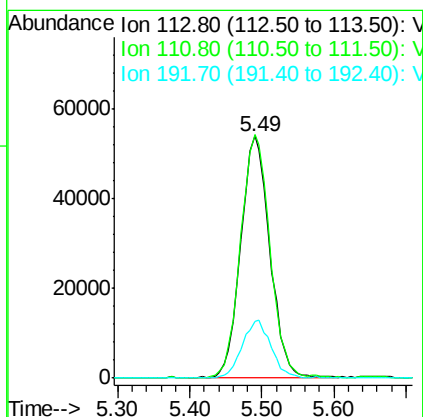
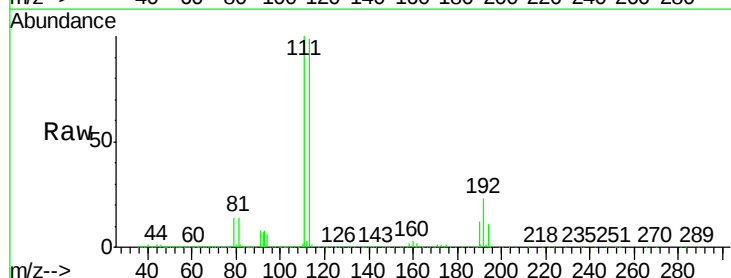
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#11

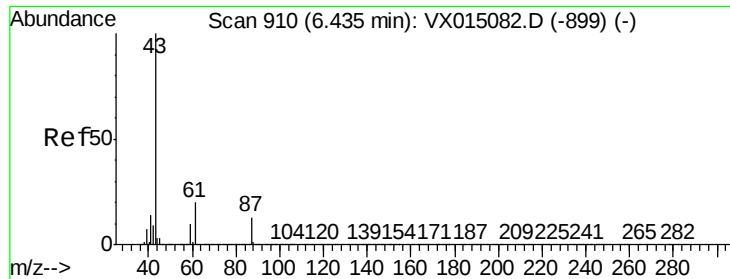
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	15.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015202.D
Acq: 11 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	24.0	18.6	28.0





#43

Isopropyl Acetate

Concen: 11.17 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015202.D

Acq: 11 Mar 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#11

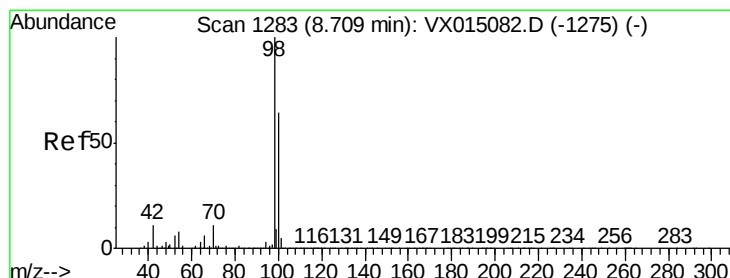
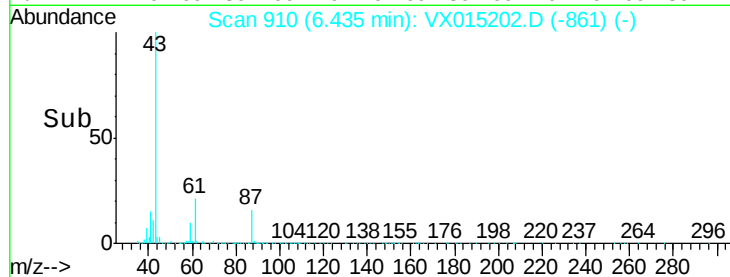
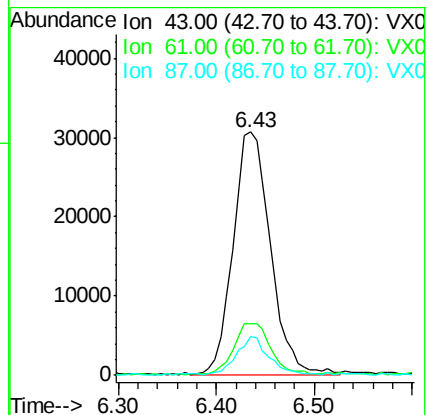
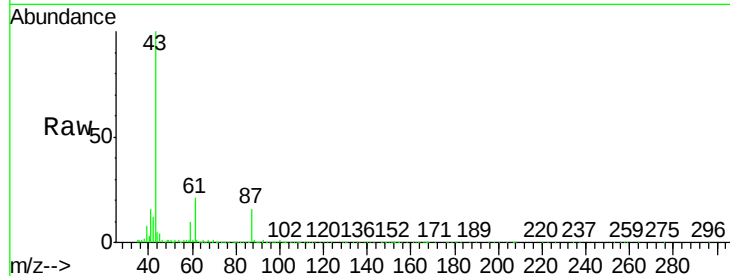
Tgt Ion: 43 Resp: 81868

Ion Ratio Lower Upper

43 100

61 20.6 16.1 24.1

87 13.9 10.6 16.0



#50

Toluene-d8

Concen: 51.79 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015202.D

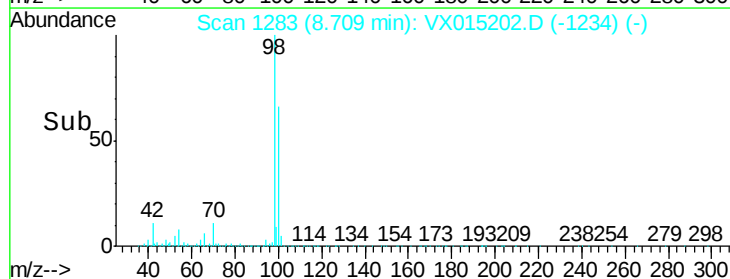
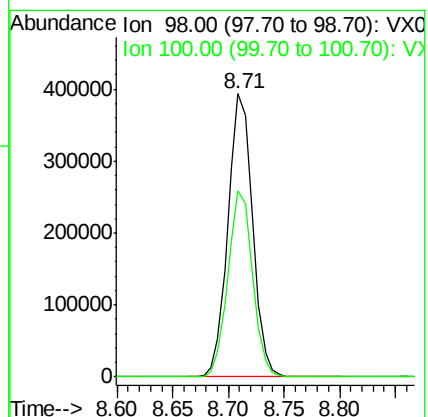
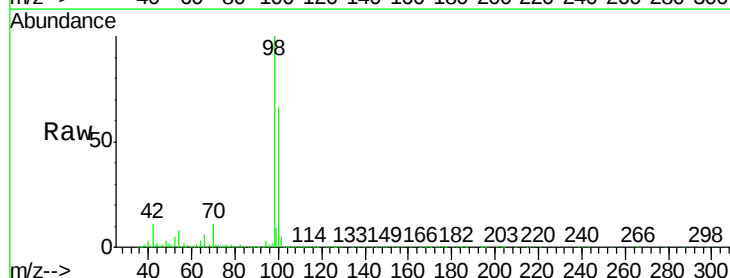
Acq: 11 Mar 2020 15:47

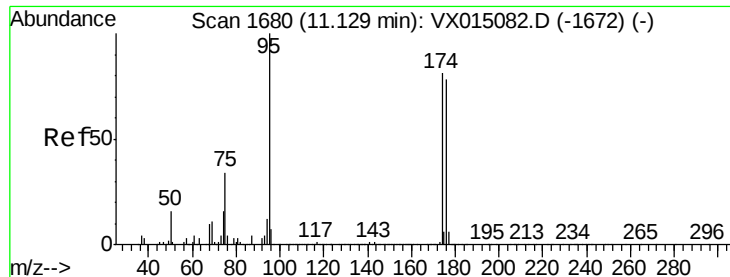
Tgt Ion: 98 Resp: 603679

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6

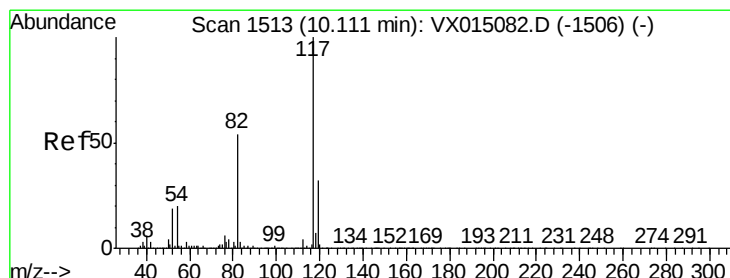
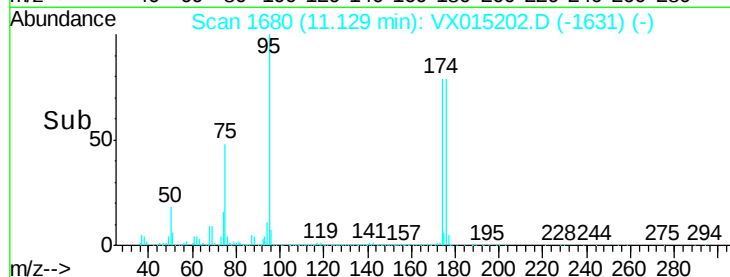
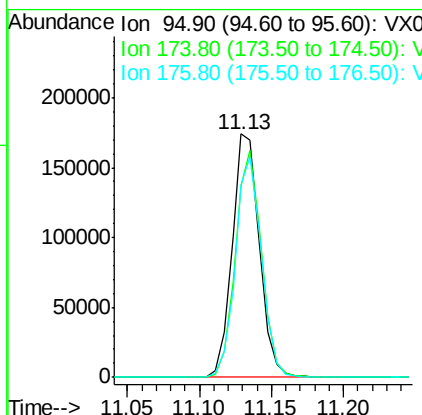
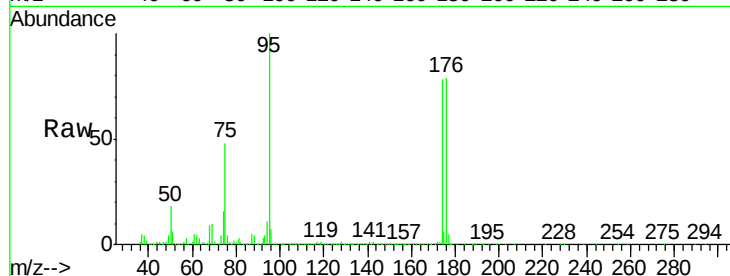




#62
4-Bromofluorobenzene
Concen: 55.30 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015202.D
Acq: 11 Mar 2020 15:47

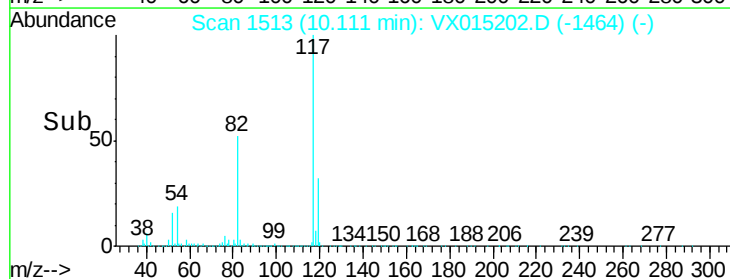
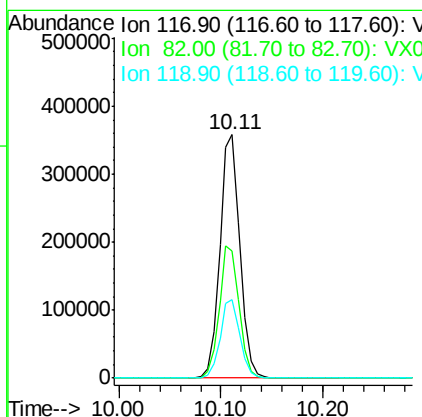
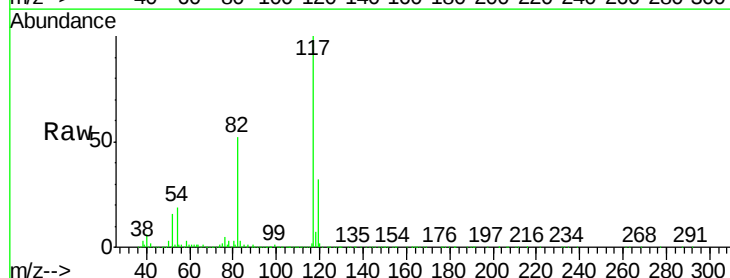
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#11

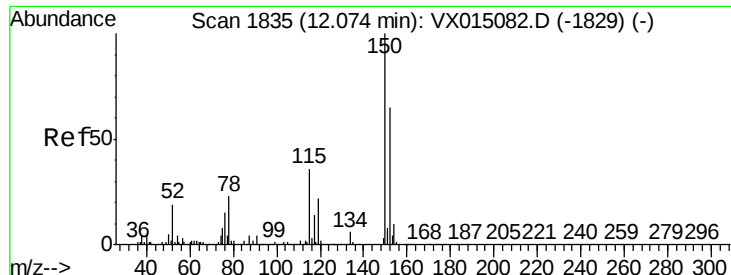
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	177.6
176	87.0	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015202.D
Acq: 11 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.3	64.9
119	32.1	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015202.D

Acq: 11 Mar 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#11

Tgt Ion:152 Resp: 255992

Ion Ratio Lower Upper

152 100

115 53.9 38.2 114.6

150 155.8 0.0 343.8

