

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011320\
 Data File : VX014591.D
 Acq On : 13 Jan 2020 16:54
 Operator : JC/SP
 Sample : PB126026ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB126026ZHE#17

Quant Time: Jan 14 14:53:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

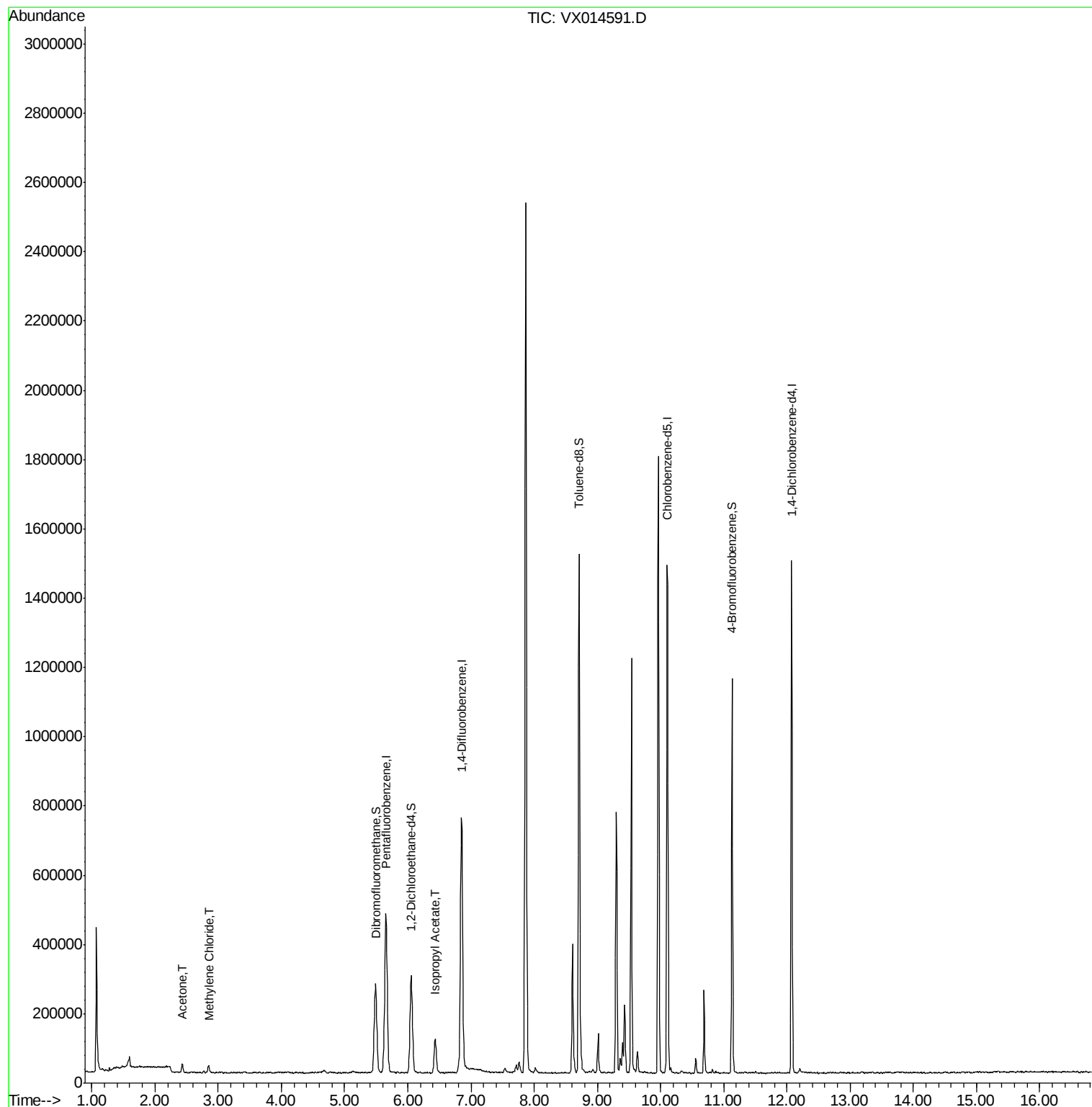
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	474185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	742183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	686171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	268506	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	5.49	113	220162	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	892233	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.13	95	304579	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
Target Compounds						
16) Acetone	2.43	43	25978	5.704	ug/l	98
20) Methylene Chloride	2.85	84	10461	1.964	ug/l	94
43) Isopropyl Acetate	6.44	43	134610	10.991	ug/l	97

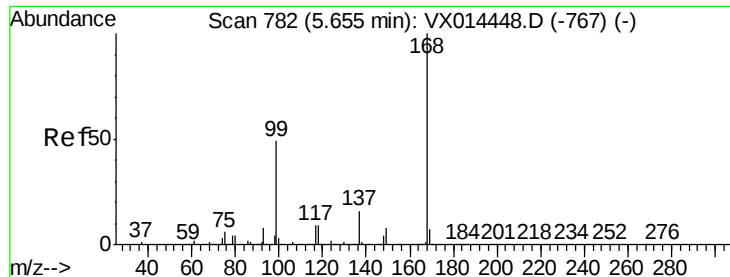
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014591.D

Acq: 13 Jan 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

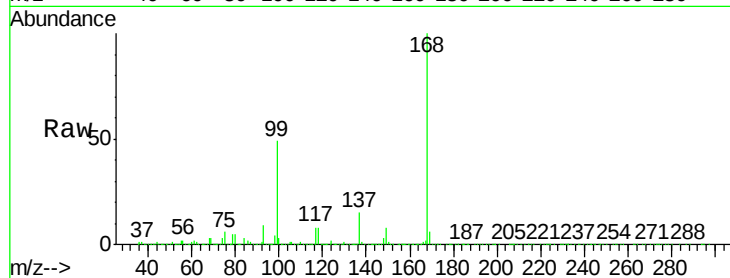
PB126026ZHE#17

Tot Ion:168 Resp: 474185

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

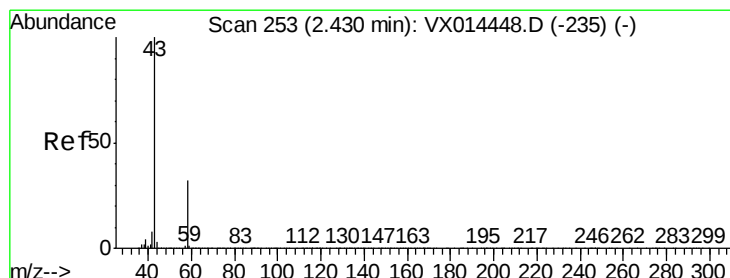
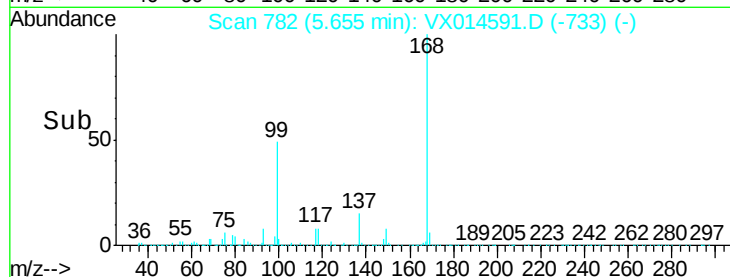
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.704 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014591.D

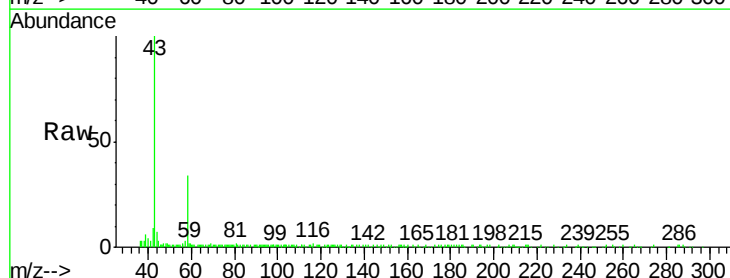
Acq: 13 Jan 2020 16:54

Tgt Ion: 43 Resp: 25978

Ion Ratio Lower Upper

43 100

58 32.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

15000

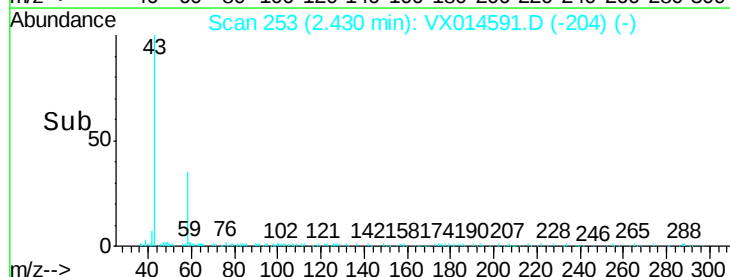
10000

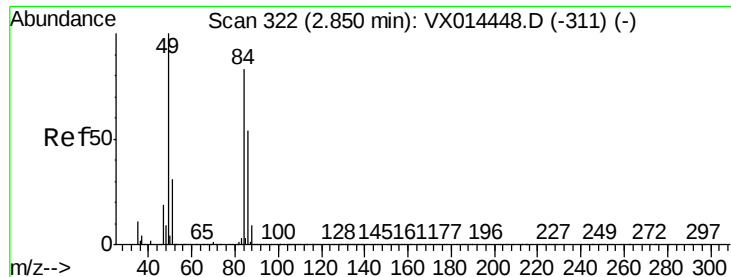
5000

0

Time-->

2.35 2.40 2.45 2.50

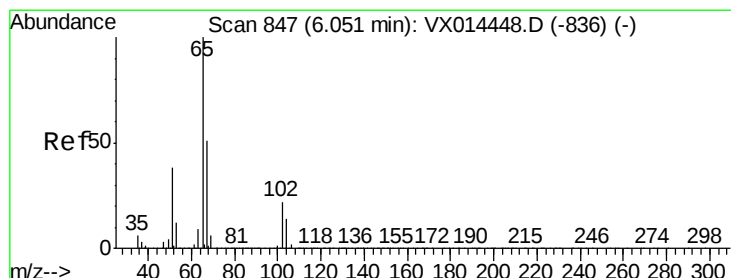
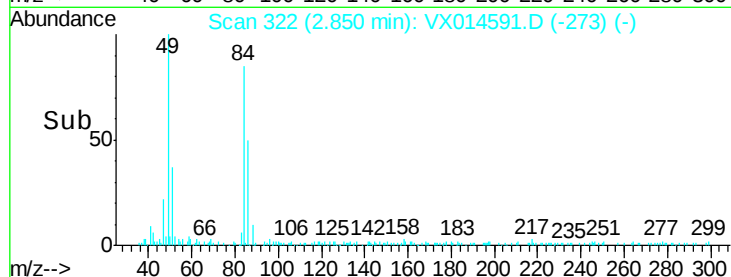
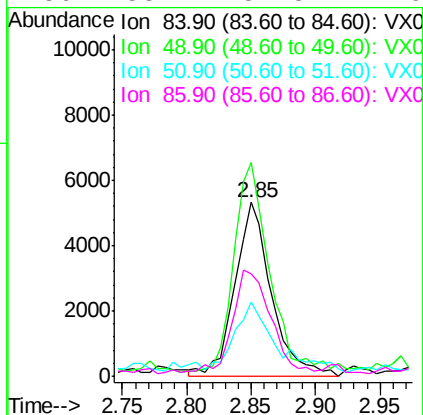
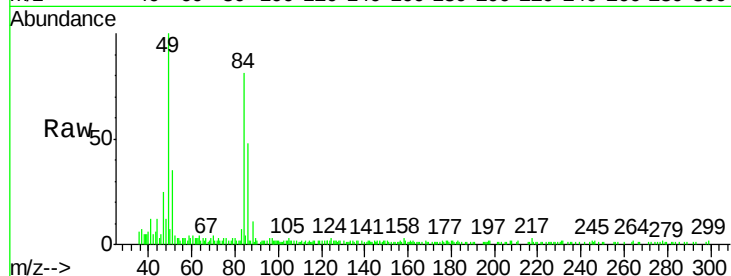




#20
Methvlene Chloride
Concen: 1.964 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014591.D
Acq: 13 Jan 2020 16:54

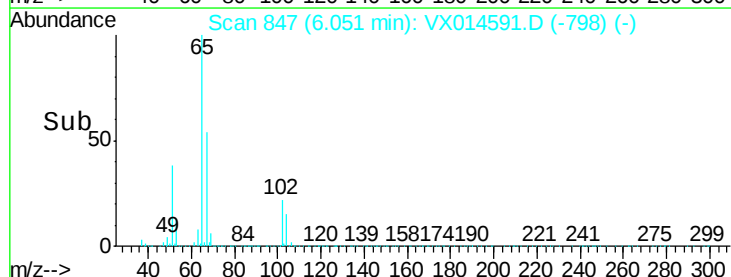
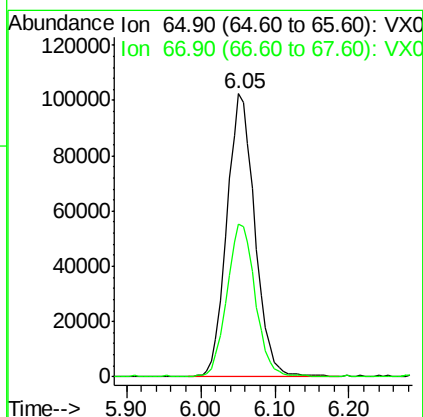
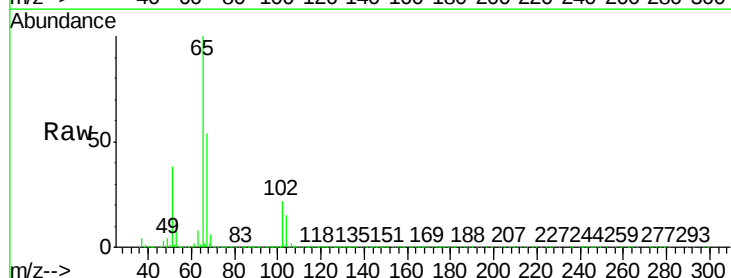
Instrument :
MSVOA_X
ClientSampleId :
PB126026ZHE#17

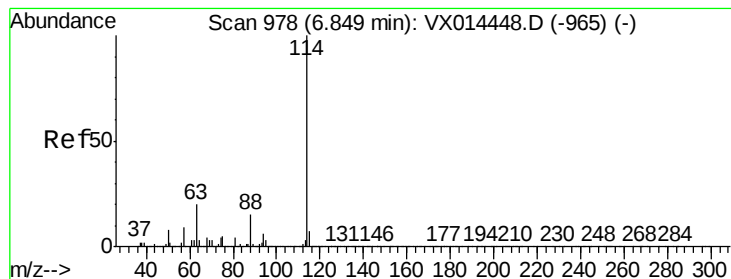
Tot Ion:	84	Resp:	10461
Ion	Ratio	Lower	Upper
84	100		
49	125.0	95.8	143.8
51	40.1	30.2	45.4
86	58.4	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 50.724 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014591.D
Acq: 13 Jan 2020 16:54

Tgt Ion:	65	Resp:	268506
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014591.D

Acq: 13 Jan 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

PB126026ZHE#17

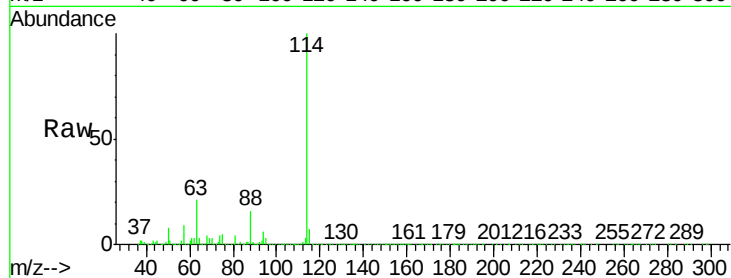
Tot Ion:114 Resp: 742183

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 15.9 0.0 30.8



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

400000

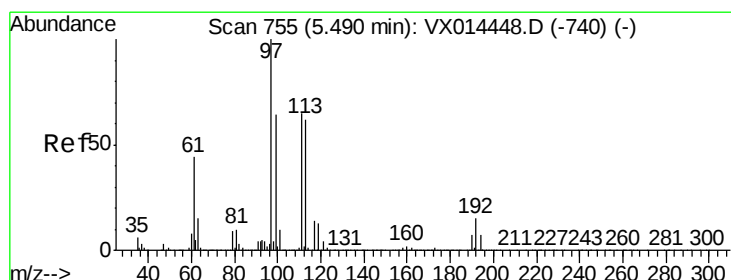
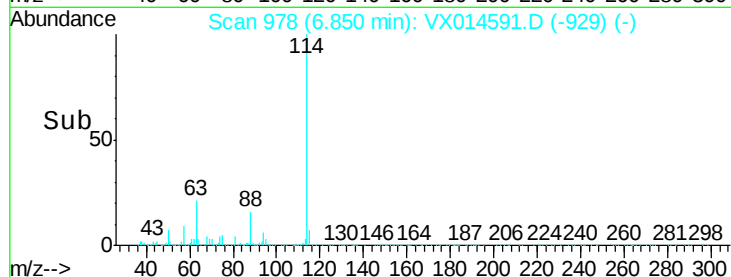
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 49.004 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014591.D

Acq: 13 Jan 2020 16:54

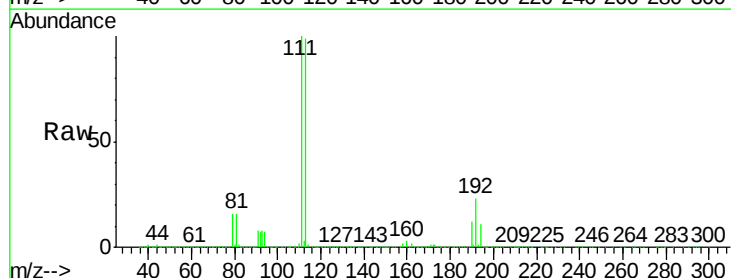
Tgt Ion:113 Resp: 220162

Ion Ratio Lower Upper

113 100

111 103.6 81.5 122.3

192 23.6 19.2 28.8



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

100000

80000

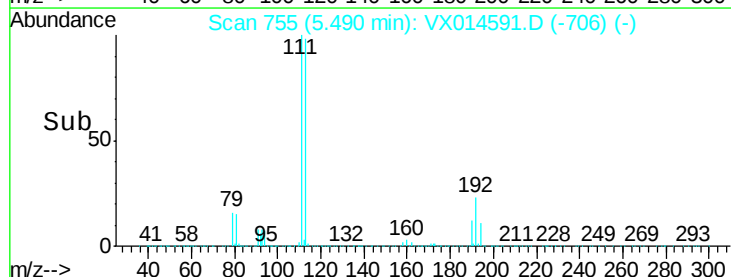
60000

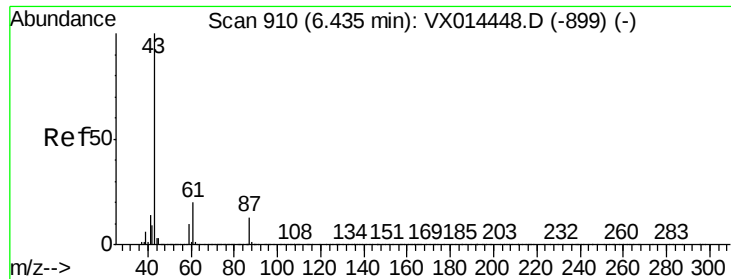
40000

20000

0

Time-->



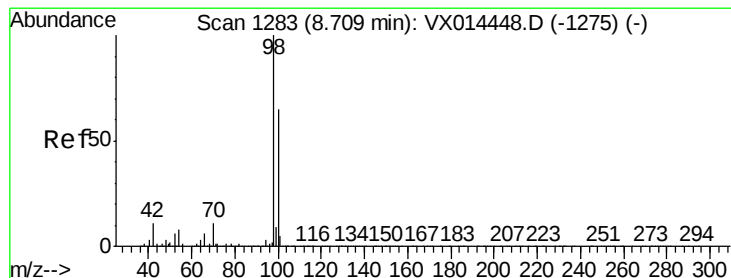
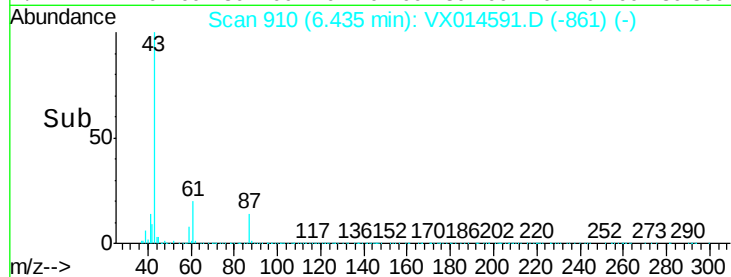
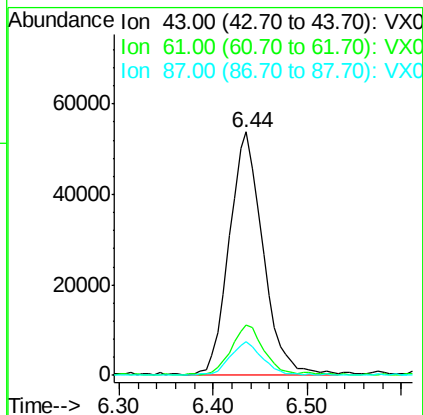
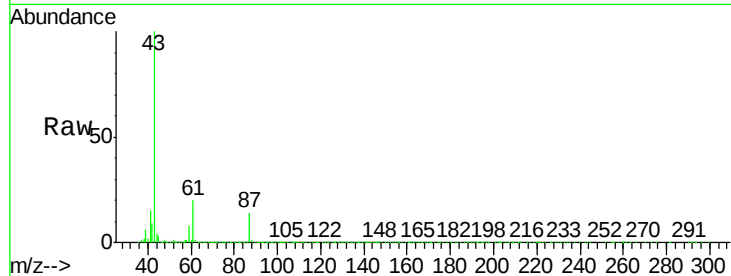


#43

Isopropyl Acetate
 Concen: 10.991 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014591.D
 Acq: 13 Jan 2020 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 PB126026ZHE#17

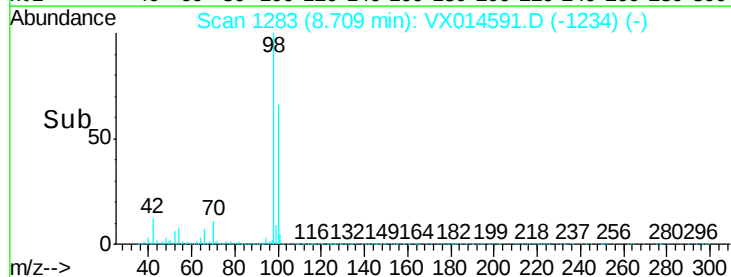
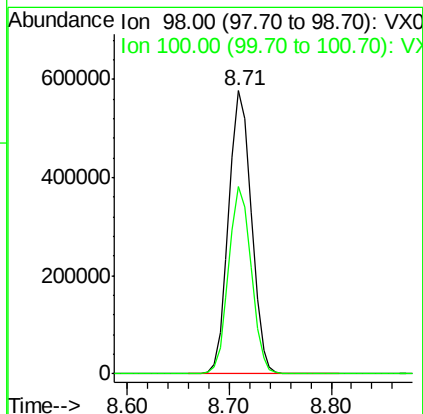
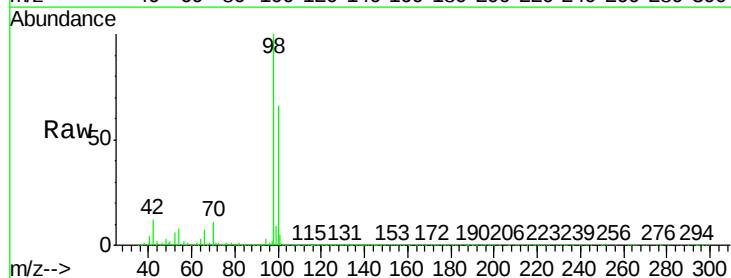
Tot Ion	43	Resp	134610
Ion Ratio	Lower	Upper	
43	100		
61	19.0	16.6	24.8
87	13.0	10.8	16.2

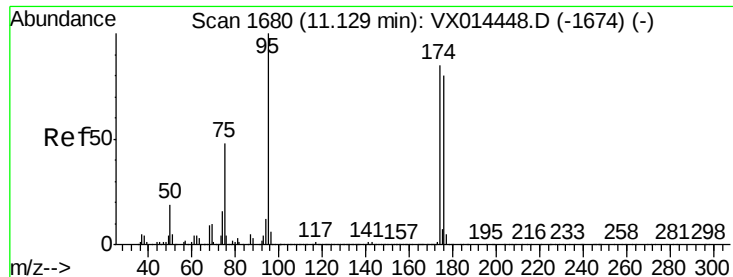


#50

Toluene-d8
 Concen: 51.175 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014591.D
 Acq: 13 Jan 2020 16:54

Tgt Ion	98	Resp	892233
Ion Ratio	Lower	Upper	
98	100		
100	65.5	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 47.586 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014591.D

Acq: 13 Jan 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

PB126026ZHE#17

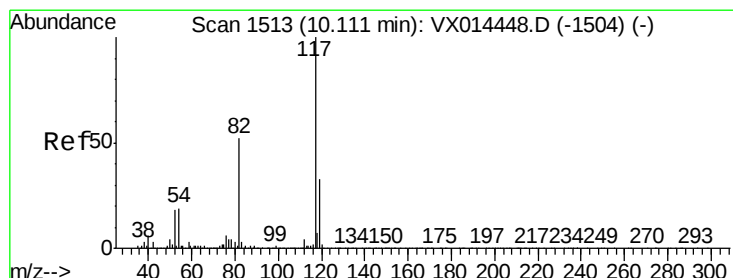
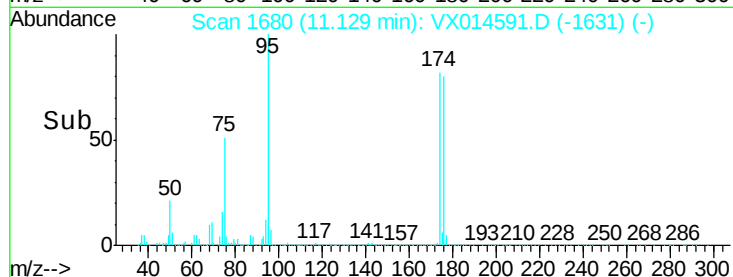
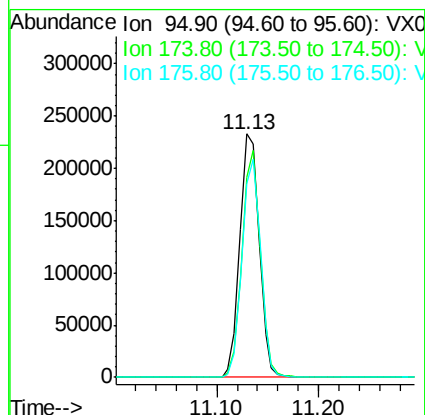
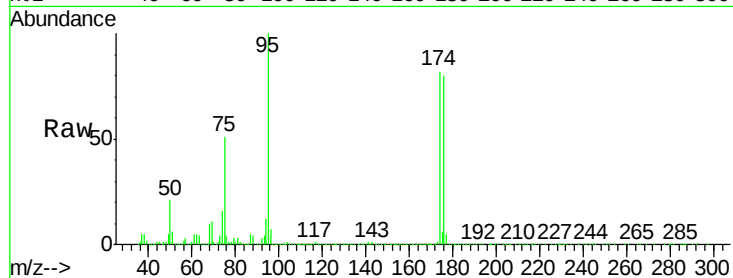
Tot Ion: 95 Resp: 304579

Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.8

176 86.3 0.0 172.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014591.D

Acq: 13 Jan 2020 16:54

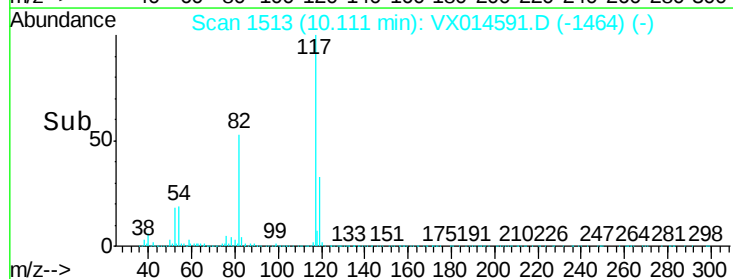
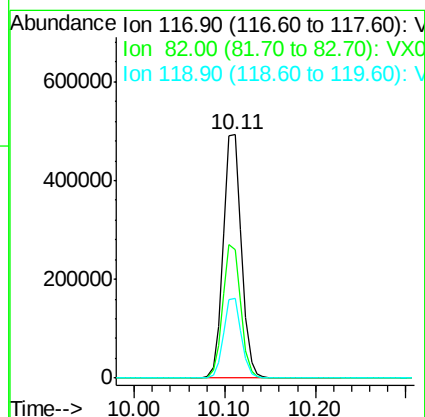
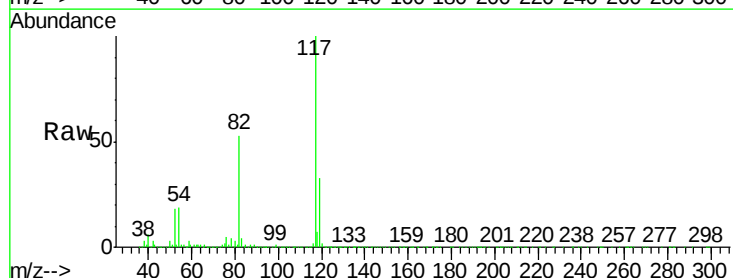
Tgt Ion: 117 Resp: 686171

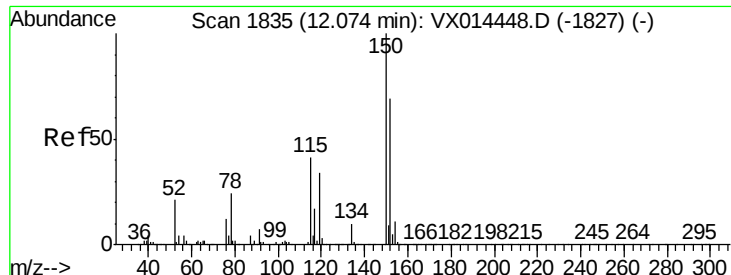
Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

119 32.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014591.D

Acq: 13 Jan 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

PB126026ZHE#17

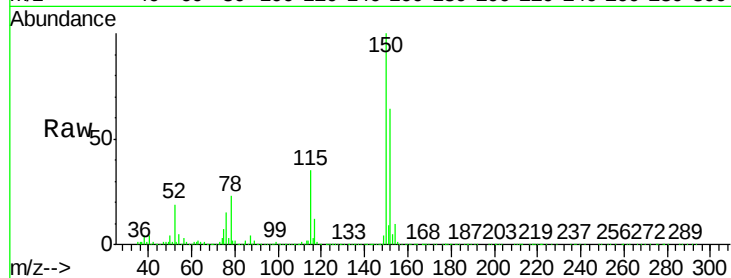
Tot Ion:152 Resp: 309829

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

150 155.0 0.0 350.2



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

