

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015205.D
 Acq On : 11 Mar 2020 16:55
 Operator : JC/SP
 Sample : PB127431ZHE#14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#14

Quant Time: Mar 12 07:05:48 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	309916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	530632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	526041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	264681	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	202018	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	5.49	113	167891	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	659178	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.13	95	243490	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

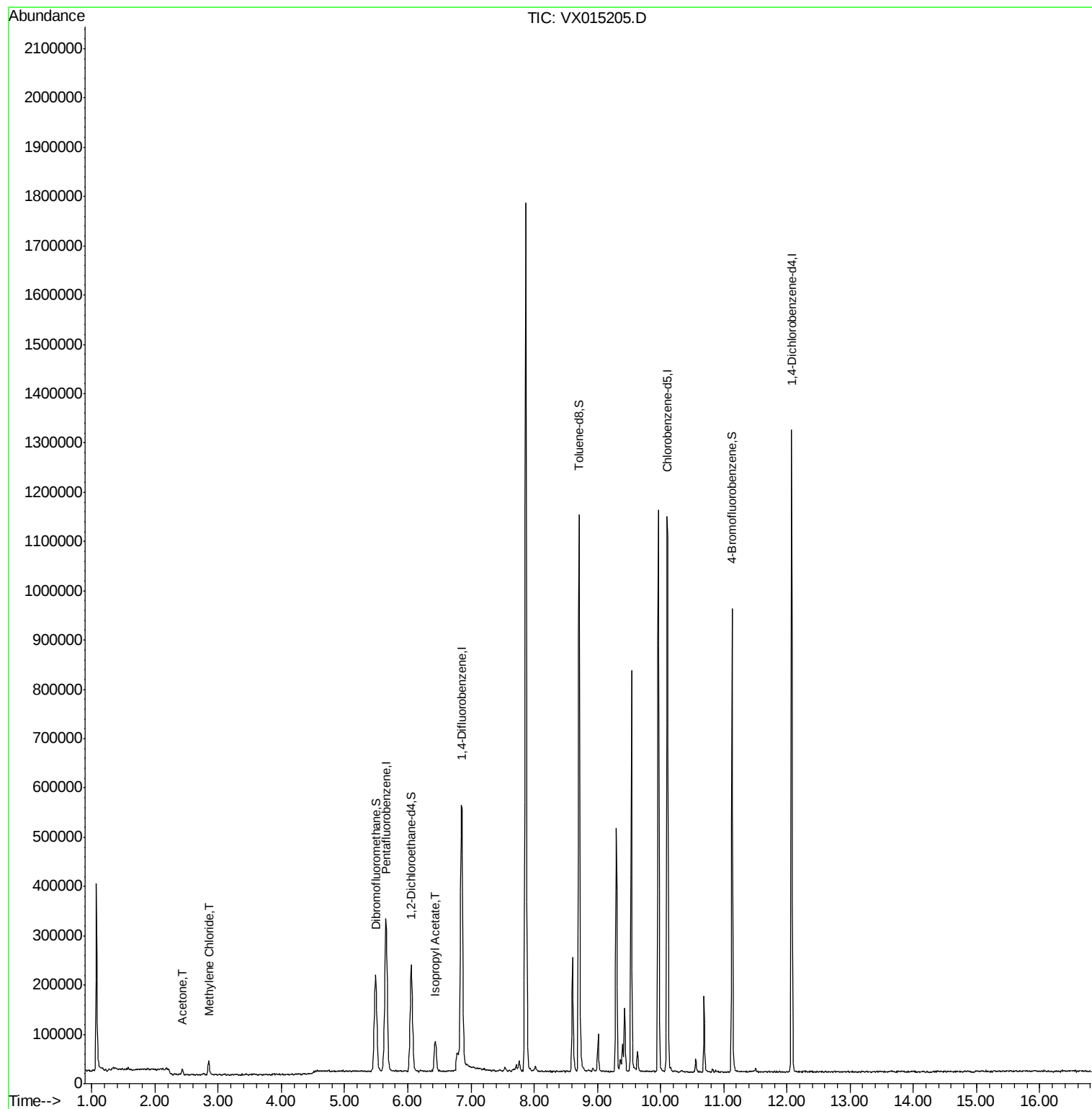
Target Compounds						Qvalue
16) Acetone	2.43	43	12168	8.17	ug/l	98
20) Methylene Chloride	2.85	84	13613	3.91	ug/l	97
43) Isopropyl Acetate	6.44	43	82670	10.33	ug/l	99

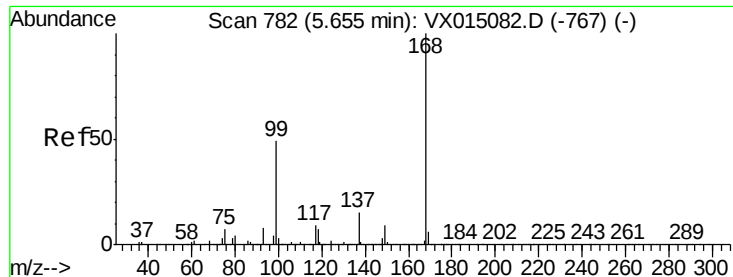
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015205.D

Acq: 11 Mar 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

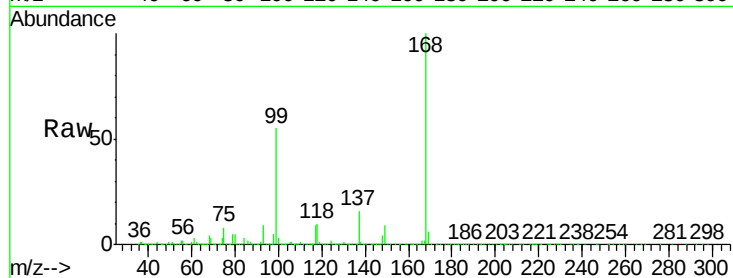
PB127431ZHE#14

Tgt Ion:168 Resp: 309916

Ion Ratio Lower Upper

168 100

99 54.8 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

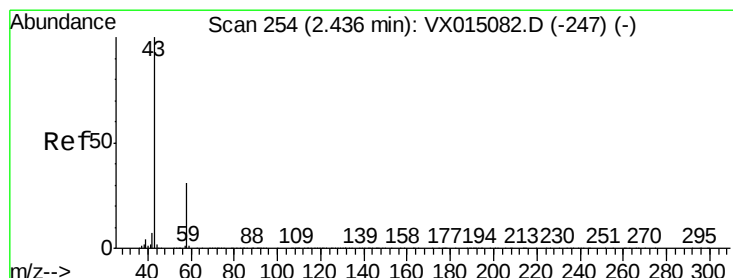
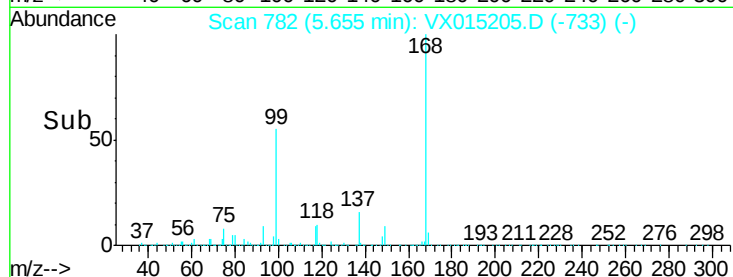
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.17 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015205.D

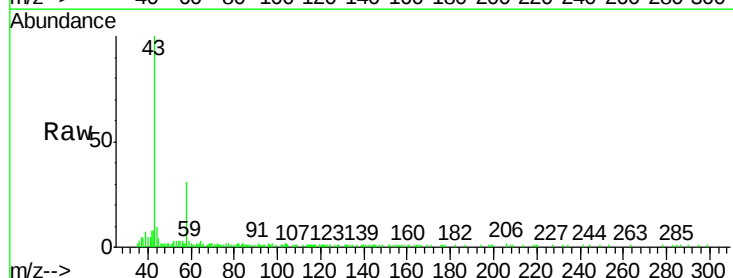
Acq: 11 Mar 2020 16:55

Tgt Ion: 43 Resp: 12168

Ion Ratio Lower Upper

43 100

58 29.9 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

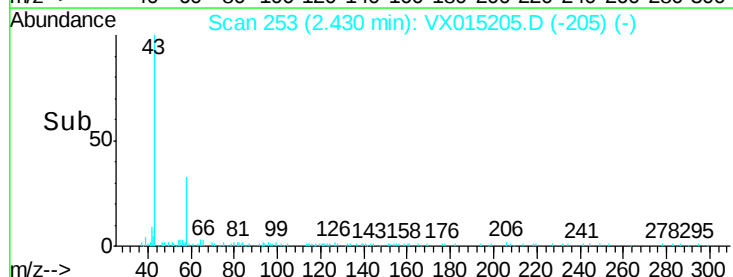
6000

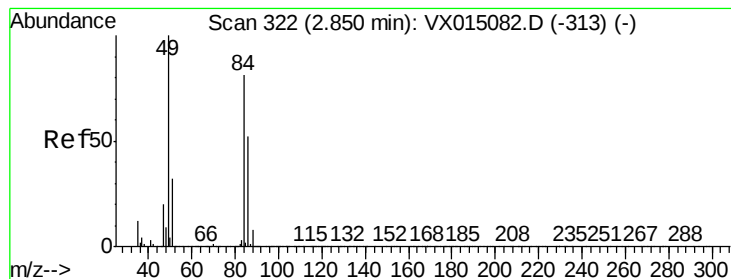
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 3.91 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015205.D

Acq: 11 Mar 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#14

Tgt Ion: 84 Resp: 13613

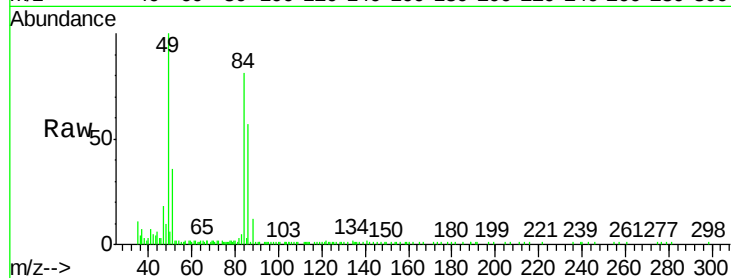
Ion Ratio Lower Upper

84 100

49 123.7 99.4 149.2

51 41.5 31.5 47.3

86 69.4 51.6 77.4

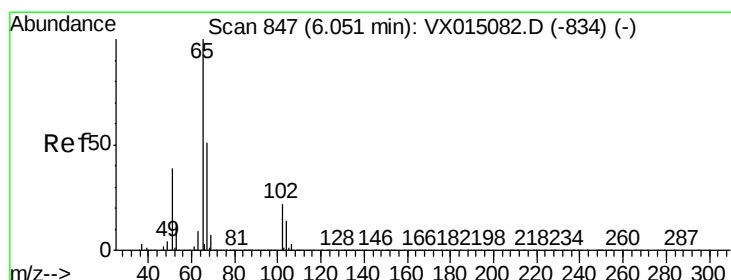
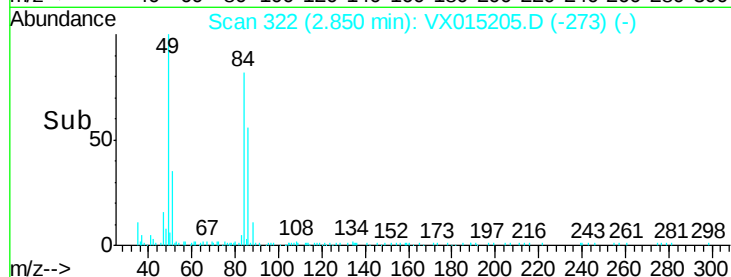
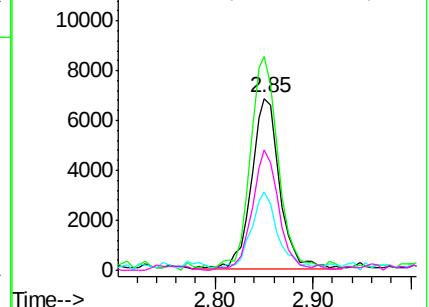


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 54.94 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015205.D

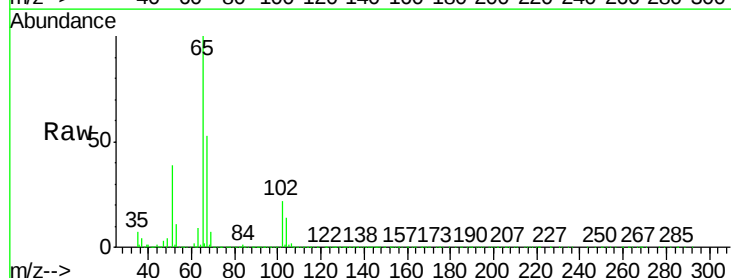
Acq: 11 Mar 2020 16:55

Tgt Ion: 65 Resp: 202018

Ion Ratio Lower Upper

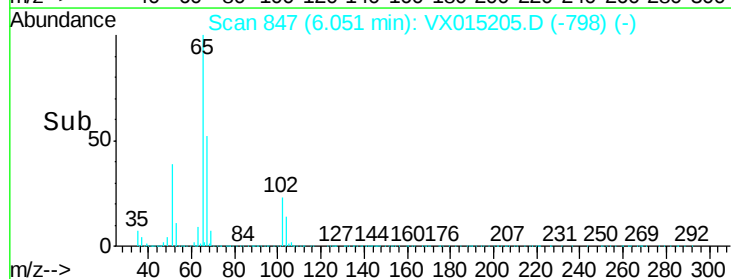
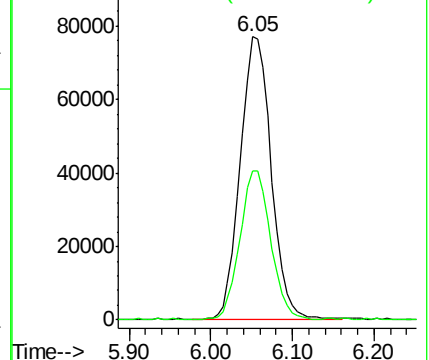
65 100

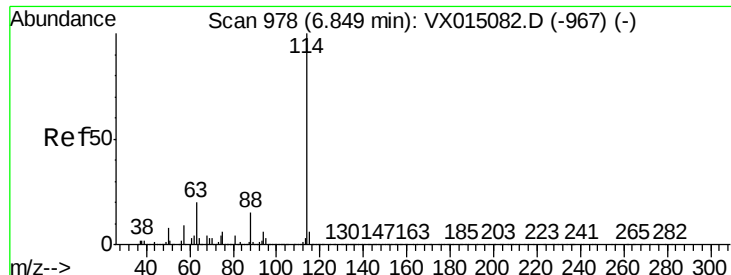
67 52.2 0.0 105.6



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: VX015205.D

Acq: 11 Mar 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#14

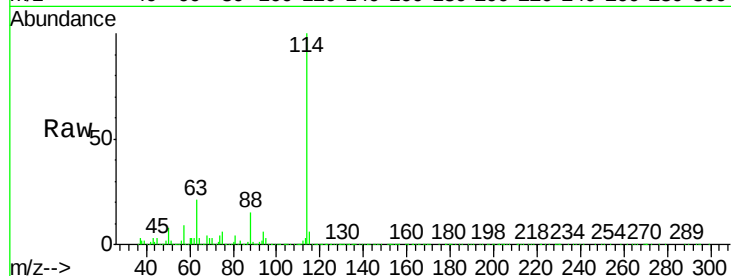
Tgt Ion:114 Resp: 530632

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

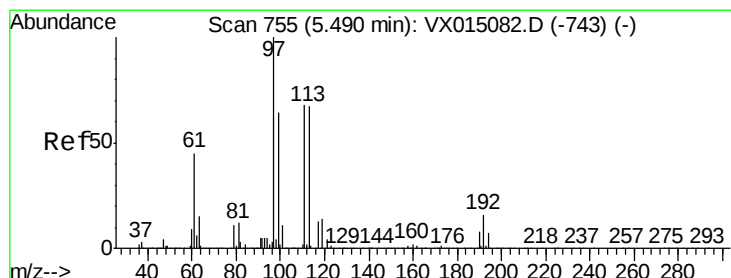
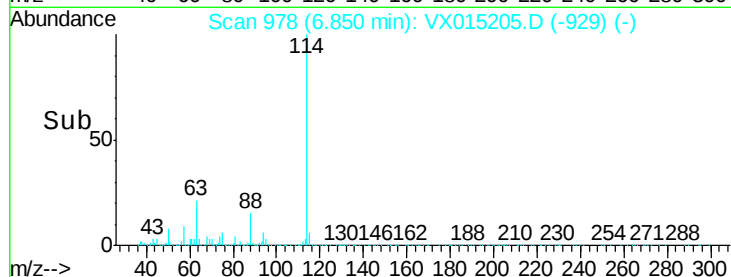
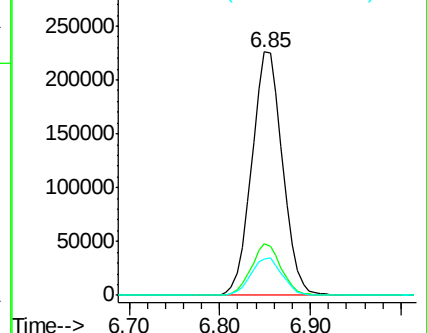
88 15.0 0.0 30.6



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: 50.15 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015205.D

Acq: 11 Mar 2020 16:55

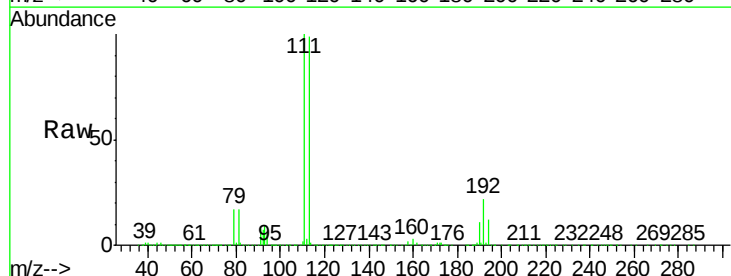
Tgt Ion:113 Resp: 167891

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

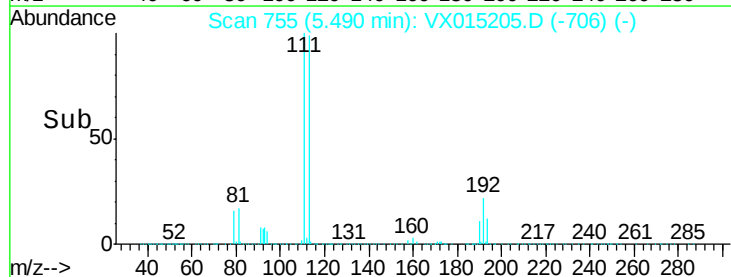
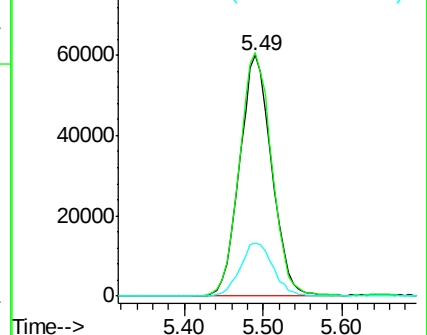
192 23.0 18.6 28.0

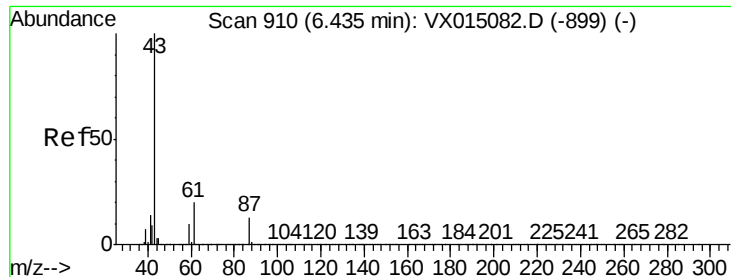


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.33 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015205.D

Acq: 11 Mar 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#14

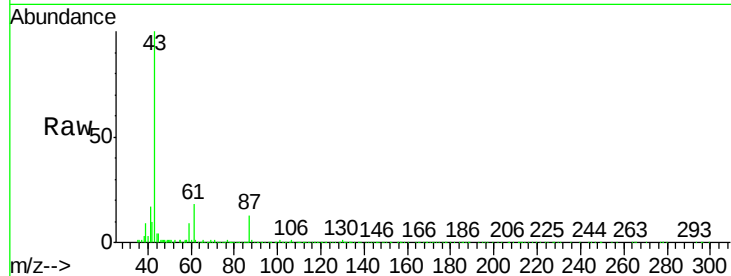
Tgt Ion: 43 Resp: 82670

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

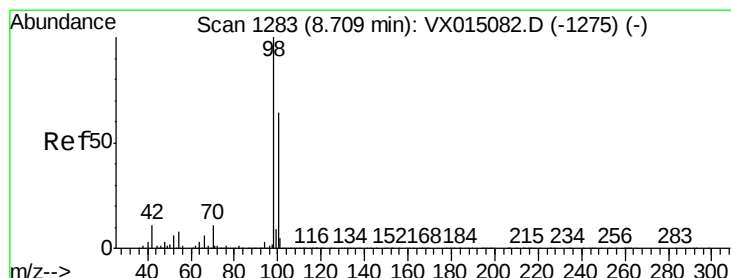
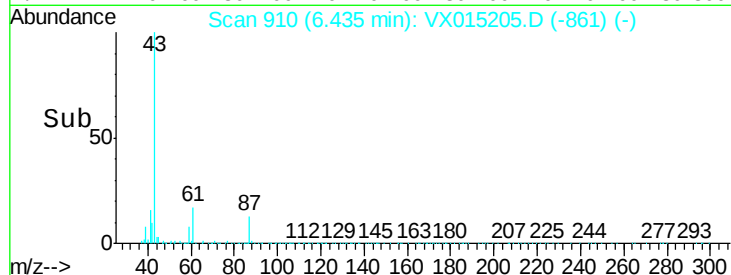
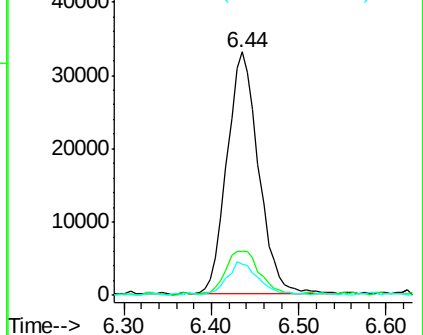
87 13.4 10.6 16.0



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: 51.77 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015205.D

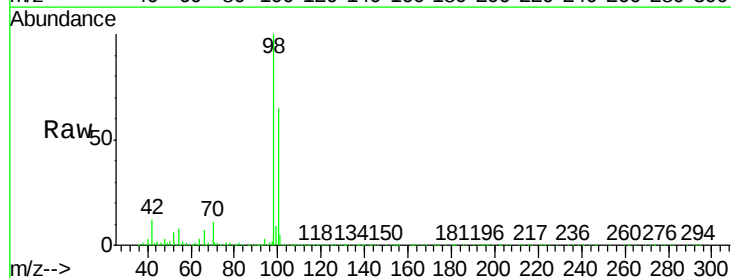
Acq: 11 Mar 2020 16:55

Tgt Ion: 98 Resp: 659178

Ion Ratio Lower Upper

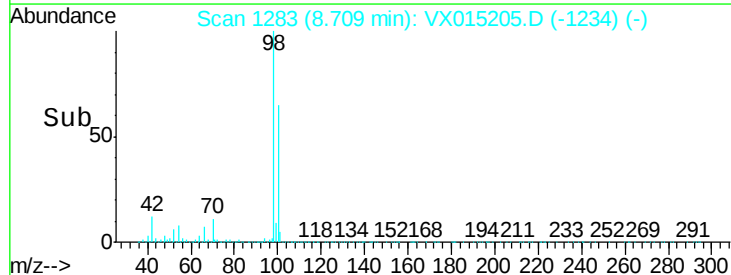
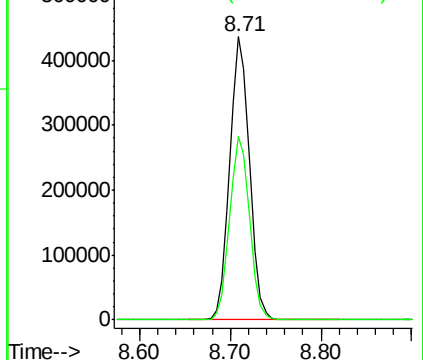
98 100

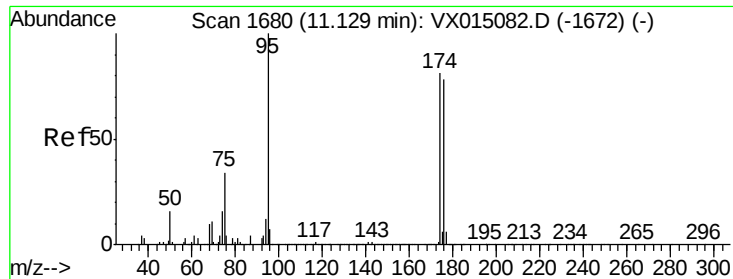
100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

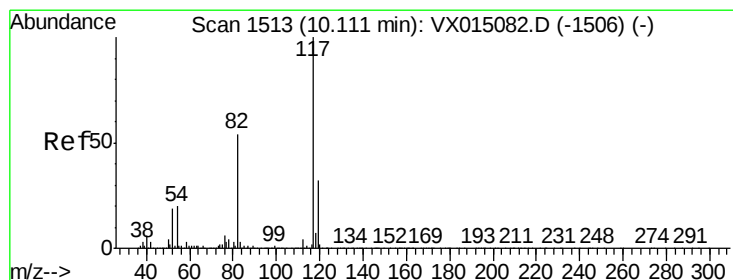
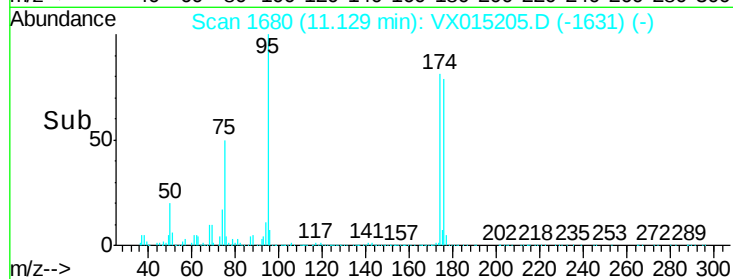
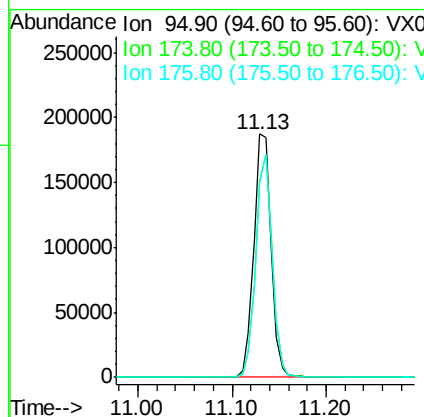
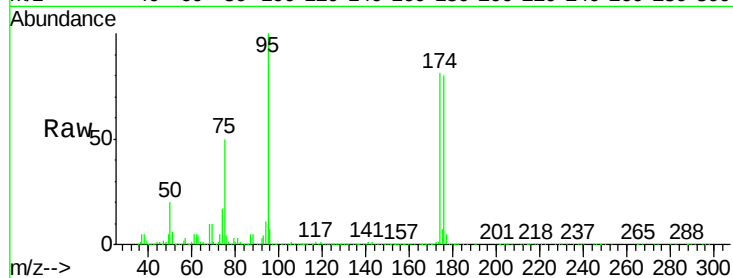




#62
4-Bromofluorobenzene
Concen: 53.61 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015205.D
Acq: 11 Mar 2020 16:55

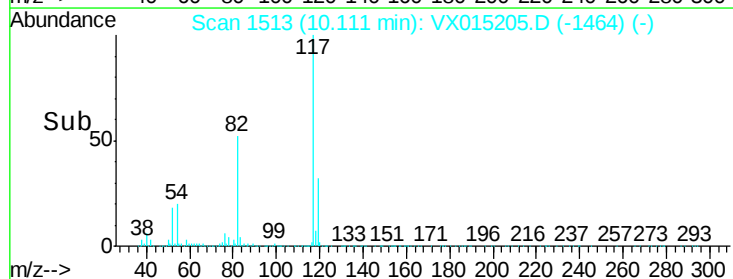
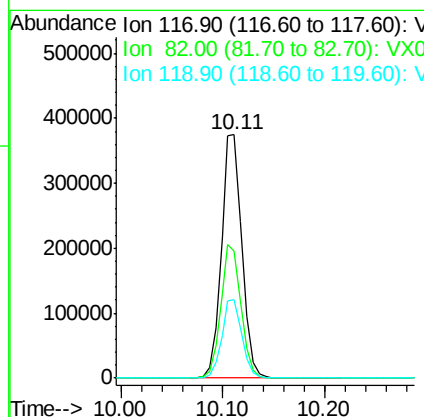
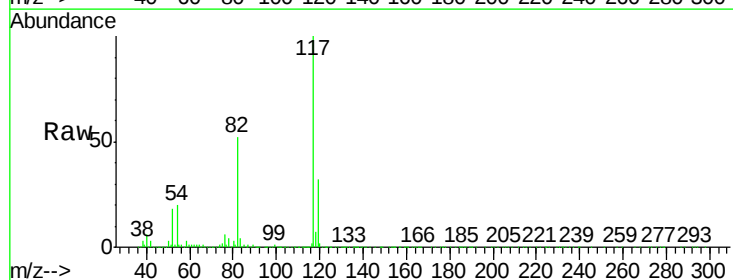
Instrument :
MSVOA_X
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PB127431ZHE#14

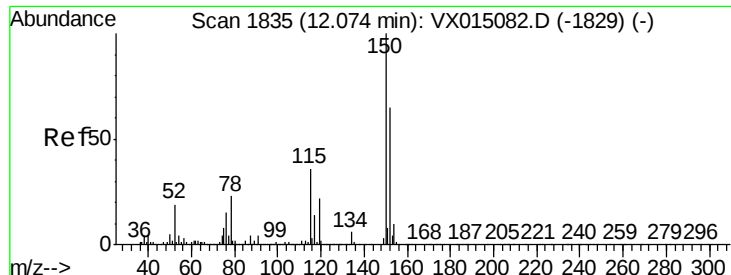
Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	177.6
176	86.6	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015205.D
Acq: 11 Mar 2020 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.3	64.9
119	32.4	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: VX015205.D

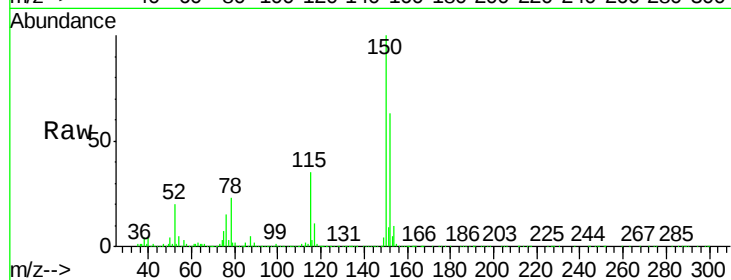
Acq: 11 Mar 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#14



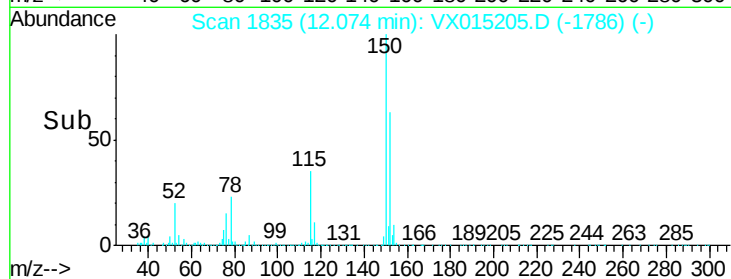
Tgt Ion:152 Resp: 264681

Ion Ratio Lower Upper

152 100

115 55.7 38.2 114.6

150 155.9 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

