

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014516.D
 Acq On : 09 Jan 2020 22:49
 Operator : JC/SP
 Sample : PB125964ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB125964ZHE#09

Quant Time: Jan 10 08:11:38 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

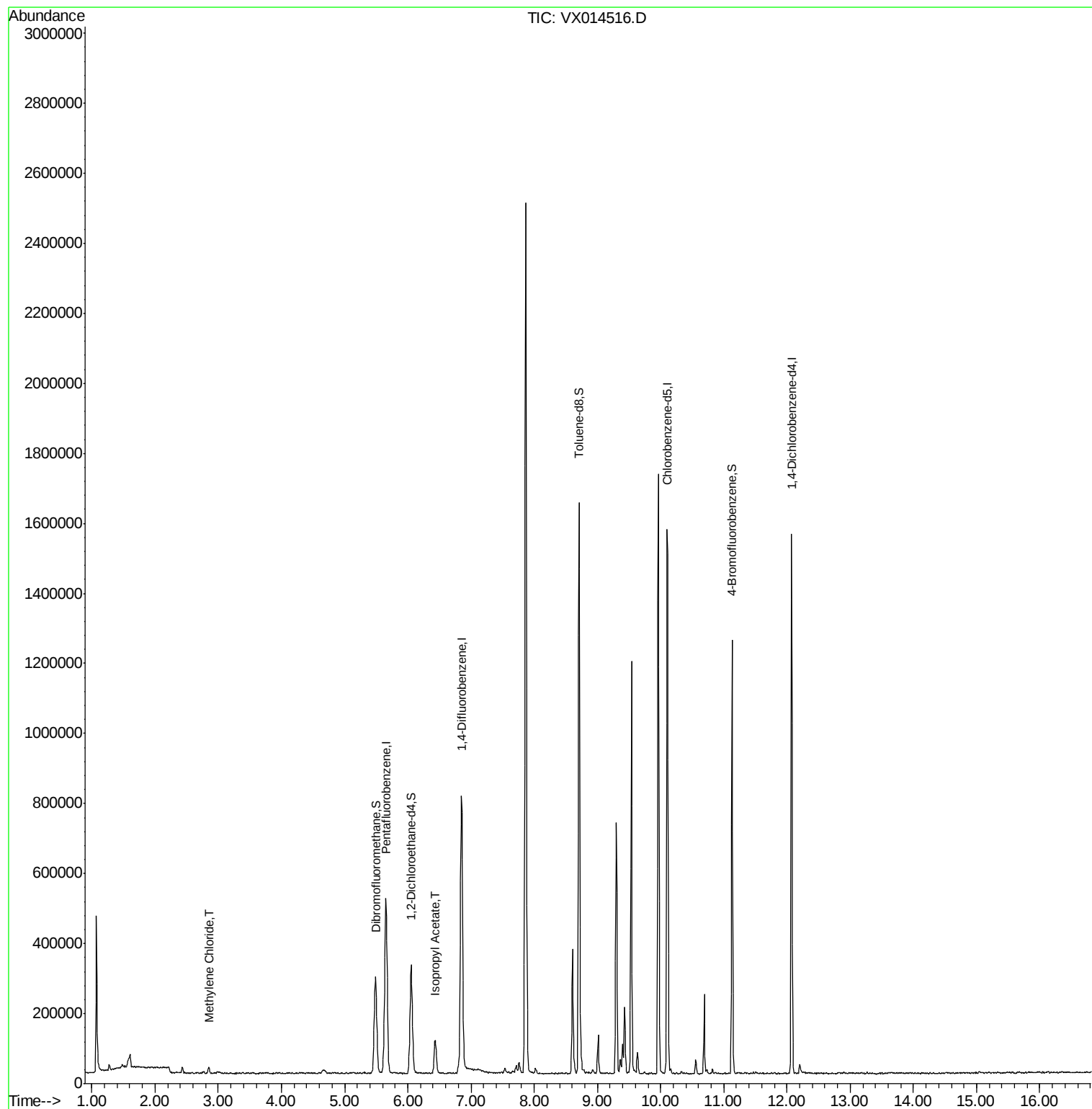
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	523943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	806920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	730339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	283869	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	5.49	113	238019	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	964983	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	328717	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
Target Compounds						
20) Methylene Chloride	2.85	84	9311	1.582	ug/l	93
43) Isopropyl Acetate	6.43	43	129568	9.731	ug/l	99

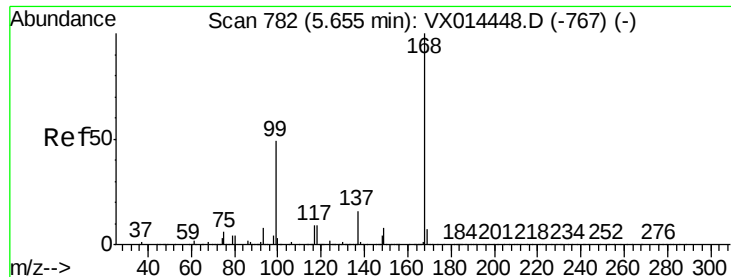
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014516.D

Acq: 09 Jan 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

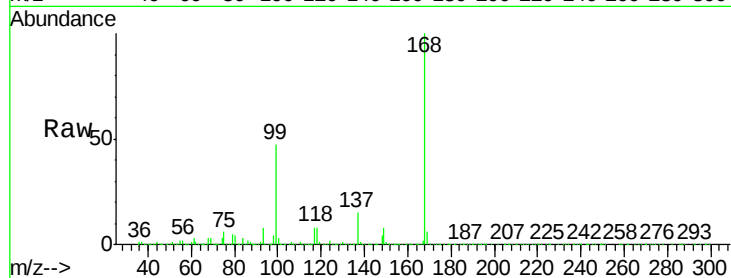
PB125964ZHE#09

Tot Ion:168 Resp: 523943

Ion Ratio Lower Upper

168 100

99 46.8 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

200000

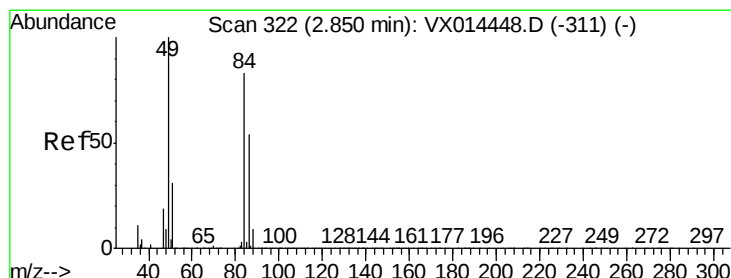
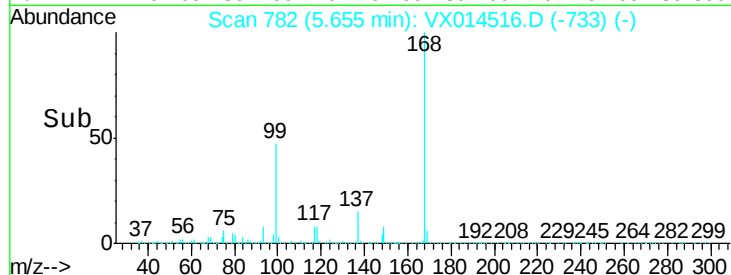
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.582 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014516.D

Acq: 09 Jan 2020 22:49

Tgt Ion: 84 Resp: 9311

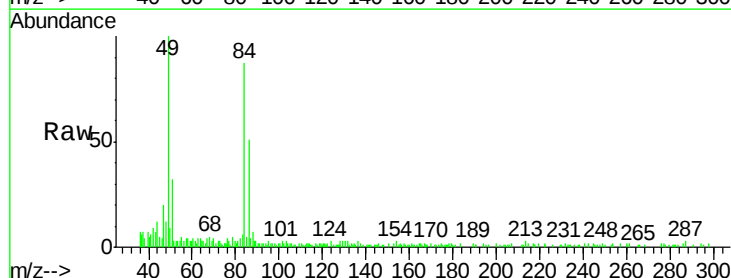
Ion Ratio Lower Upper

84 100

49 114.0 95.8 143.8

51 34.1 30.2 45.4

86 57.2 51.8 77.6



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

8000

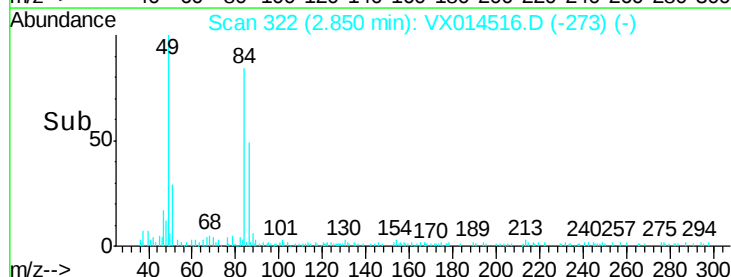
6000

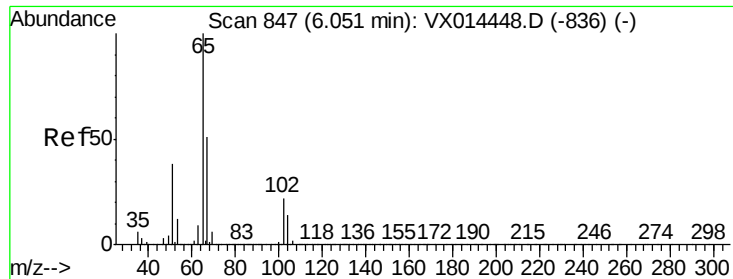
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.533 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014516.D

Acq: 09 Jan 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

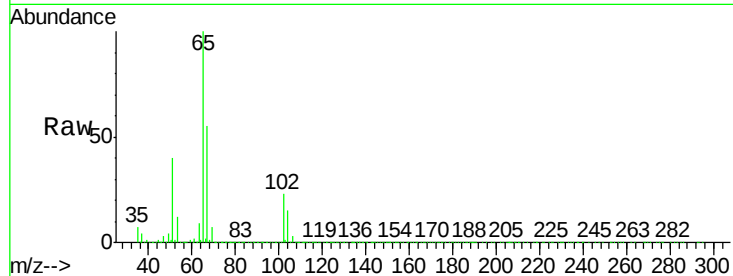
PB125964ZHE#09

Tot Ion: 65 Resp: 283869

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

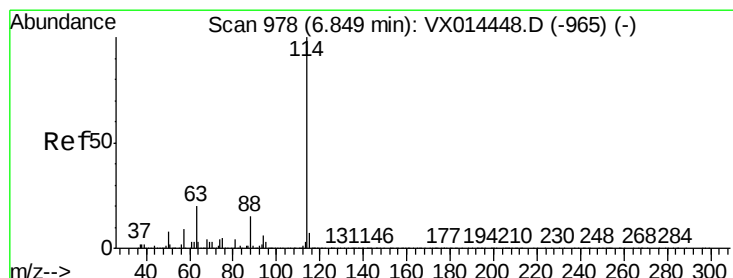
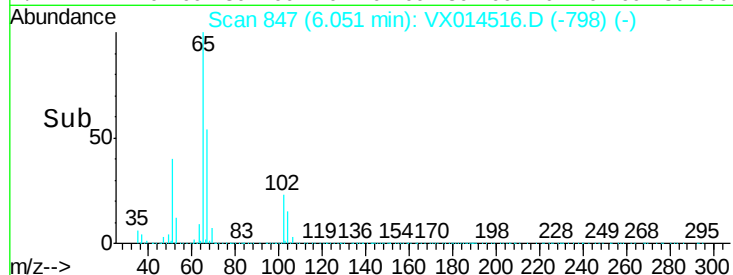
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014516.D

Acq: 09 Jan 2020 22:49

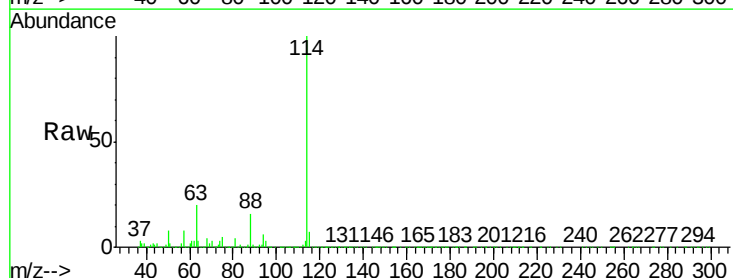
Tgt Ion: 114 Resp: 806920

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 16.0 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

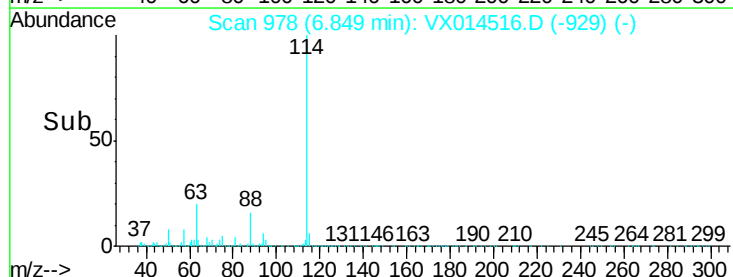
300000

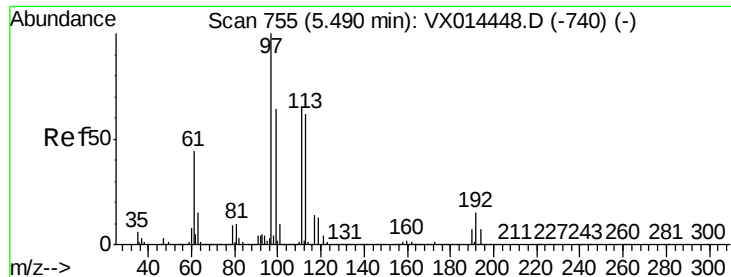
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

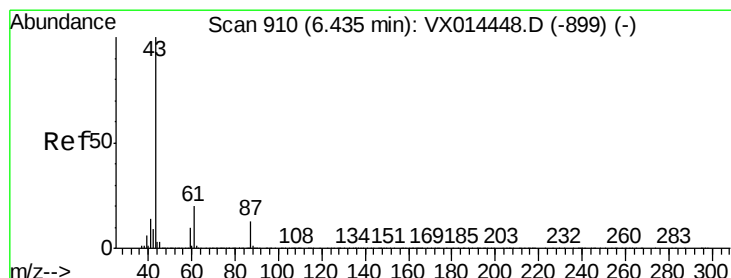
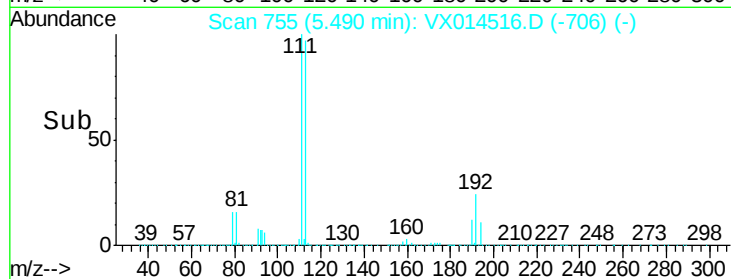
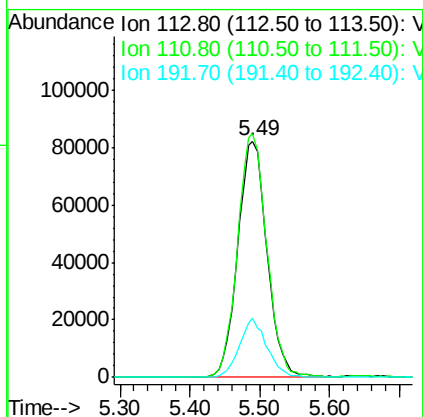
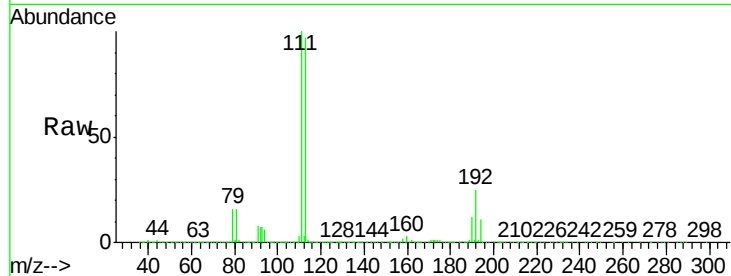




#35
 Dibromofluoromethane
 Concen: 48.728 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014516.D
 Acq: 09 Jan 2020 22:49

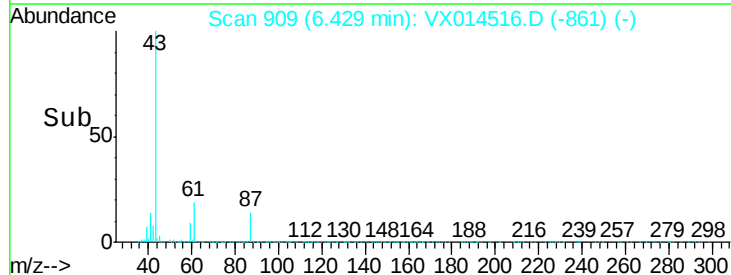
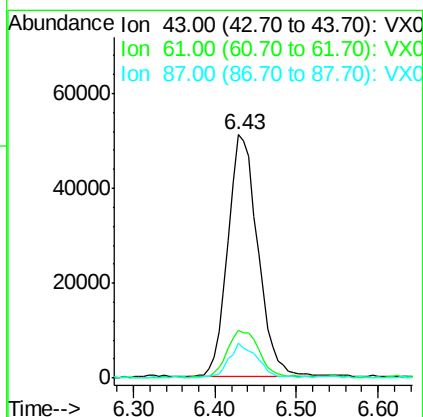
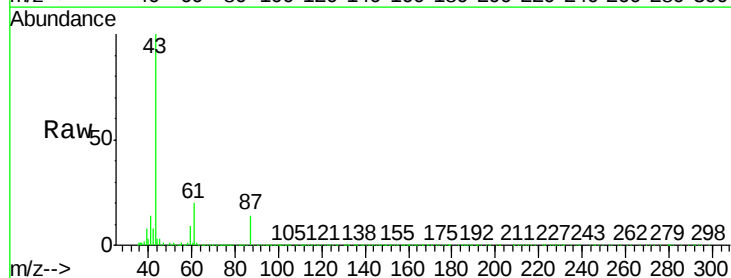
Instrument :
 MSVOA_X
 ClientSampleId :
 PB125964ZHE#09

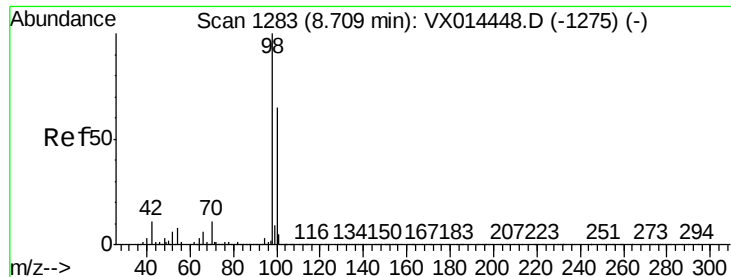
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	23.2	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 9.731 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014516.D
 Acq: 09 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.6	24.8
87	13.1	10.8	16.2





#50

Toluene-d8

Concen: 50.907 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014516.D

Acq: 09 Jan 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

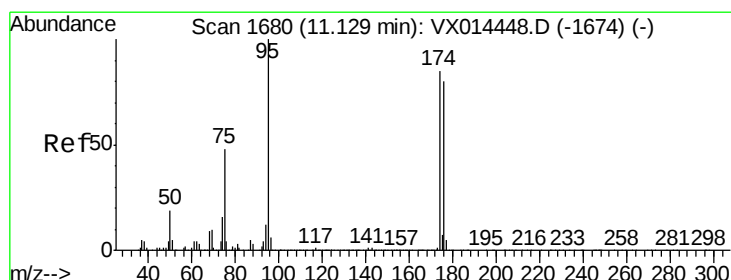
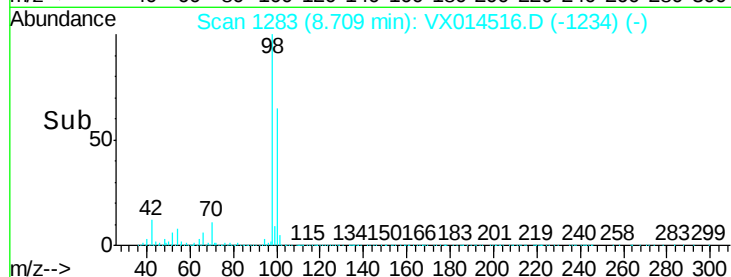
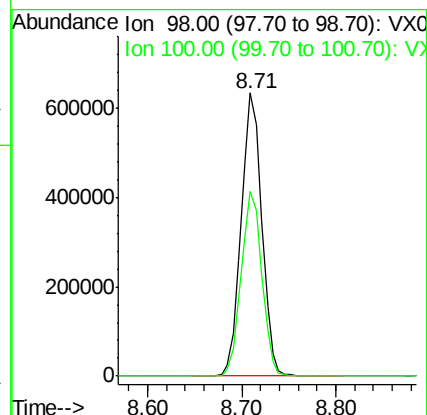
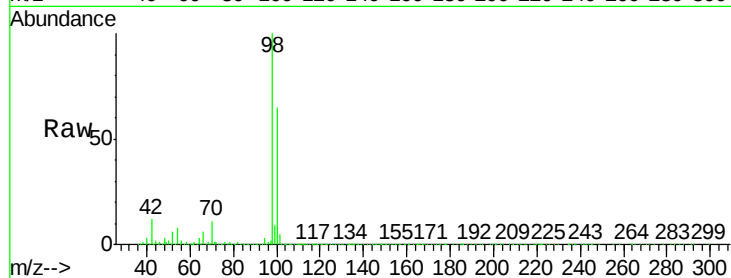
PB125964ZHE#09

Tot Ion: 98 Resp: 964983

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.237 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014516.D

Acq: 09 Jan 2020 22:49

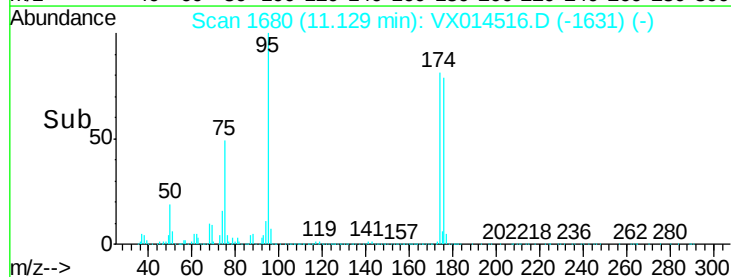
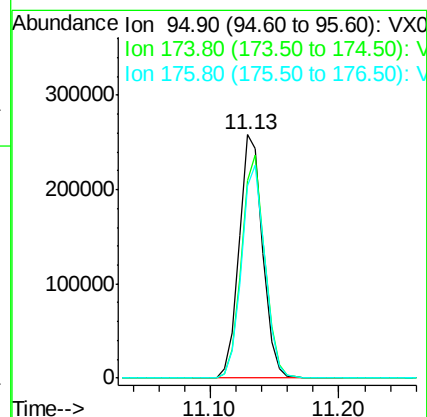
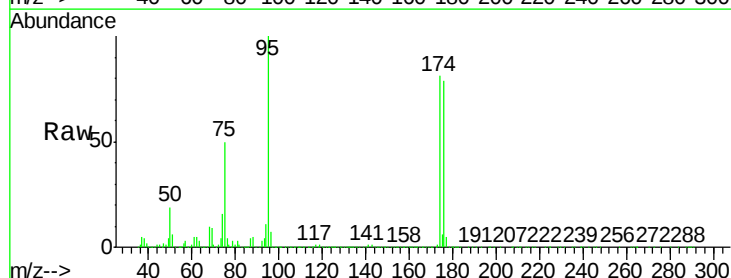
Tgt Ion: 95 Resp: 328717

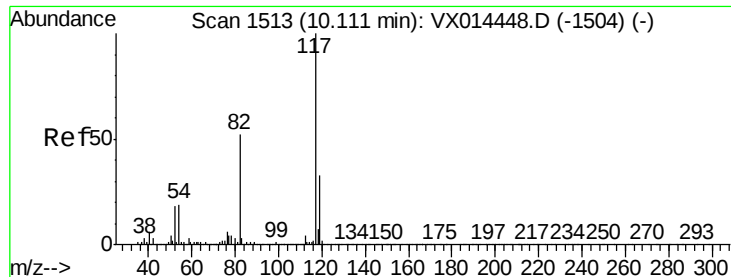
Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.8

176 87.3 0.0 172.8

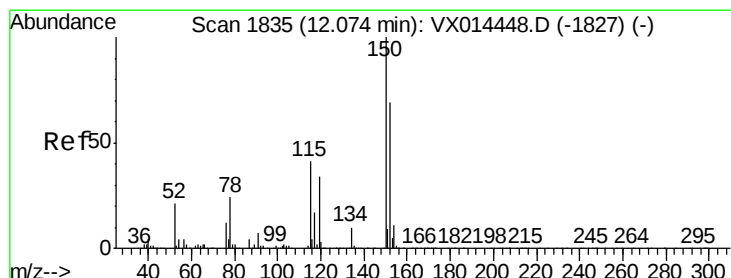
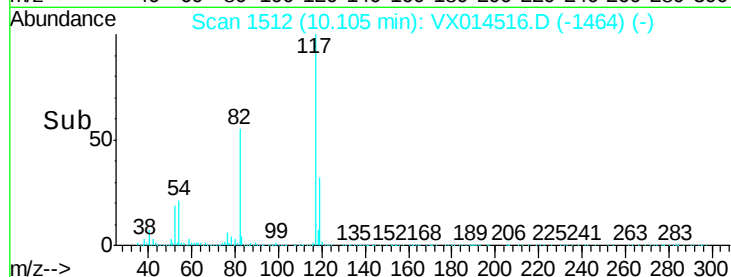
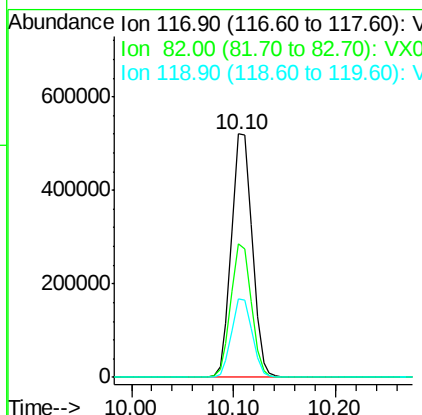
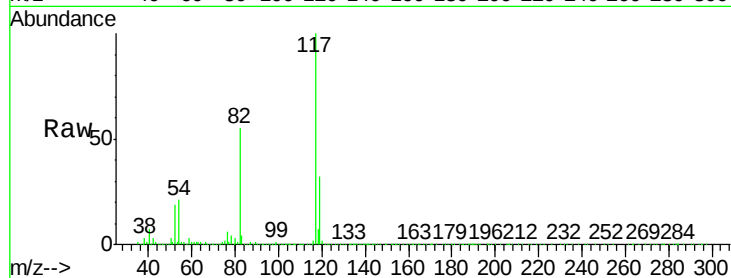




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014516.D
Acq: 09 Jan 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
PB125964ZHE#09

Tot Ion:117 Resp: 730339
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.6
119 32.3 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: VX014516.D
Acq: 09 Jan 2020 22:49

Tgt Ion:152 Resp: 334448
Ion Ratio Lower Upper
152 100
115 54.4 39.5 118.3
150 153.4 0.0 350.2

