

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060954.D
 Acq On : 15 Apr 2020 12:28
 Operator : JC/MD
 Sample : PB128175TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128175TB

Quant Time: Apr 16 07:11:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

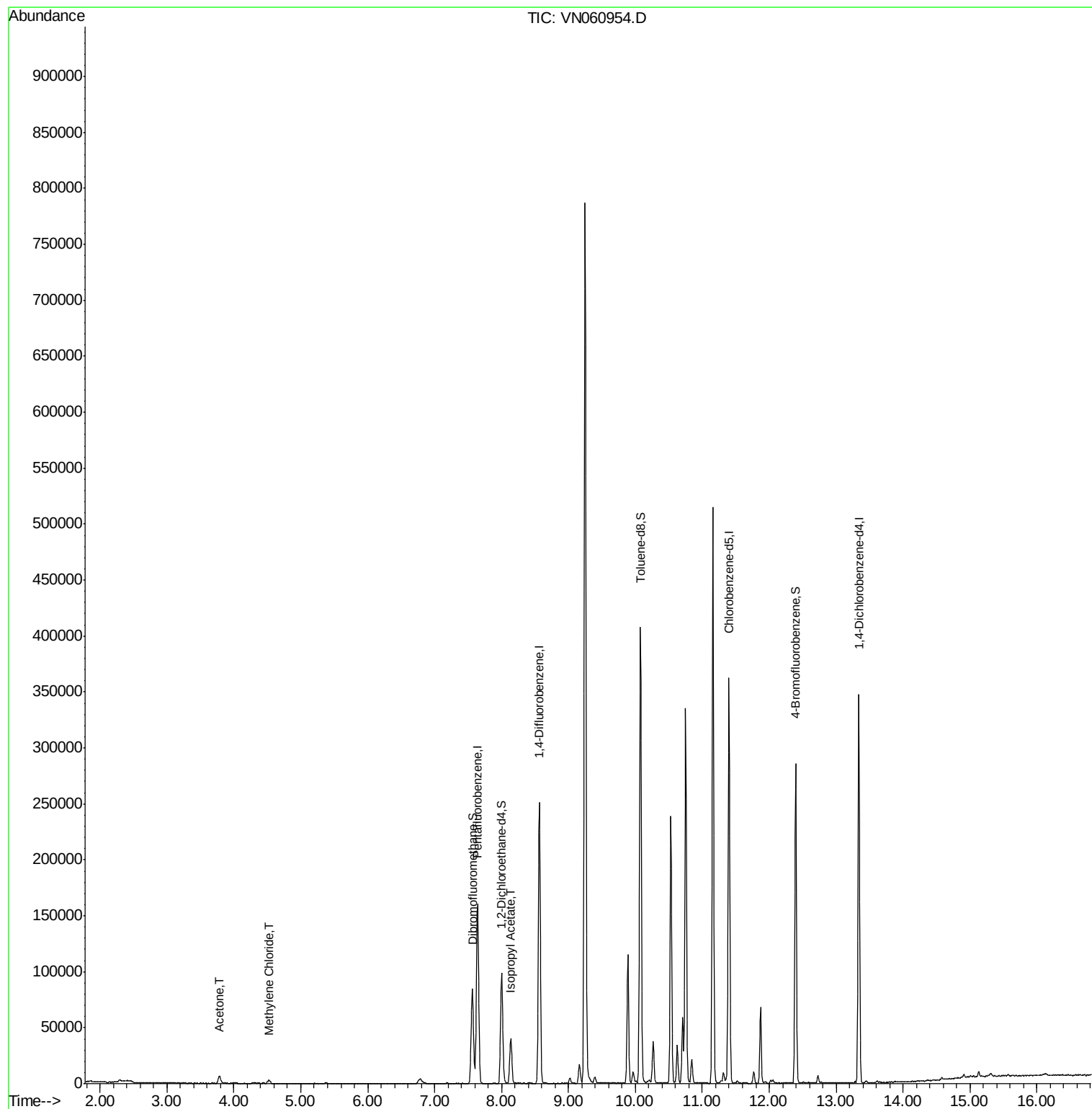
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	130625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	221564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	207040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	91023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	85976	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
35) Dibromofluoromethane	7.56	113	65658	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.08	98	273549	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	100606	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
Target Compounds						
16) Acetone	3.78	43	11668	18.370	ug/l	97
20) Methylene Chloride	4.53	84	2112	1.352	ug/l	91
43) Isopropyl Acetate	8.14	43	49667	12.991	ug/l #	90

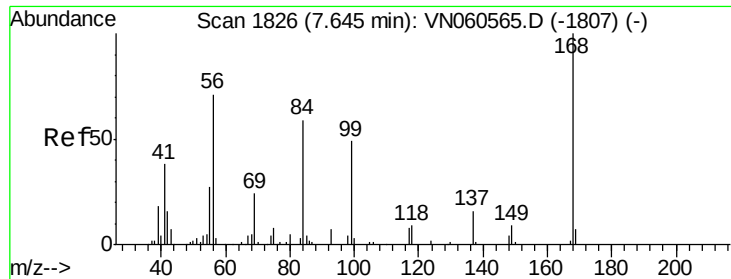
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampleId :

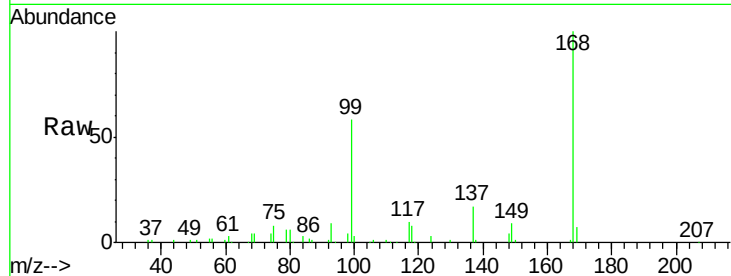
PB128175TB

Tot Ion:168 Resp: 130625

Ion Ratio Lower Upper

168 100

99 58.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

60000

50000

40000

30000

20000

10000

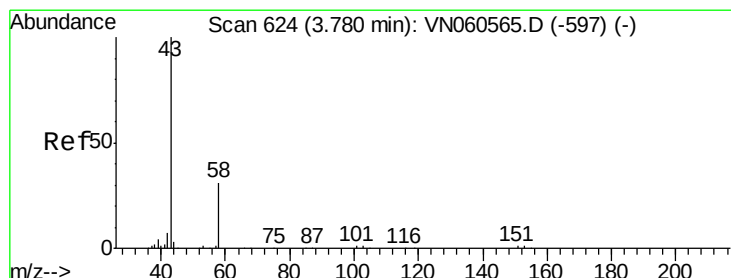
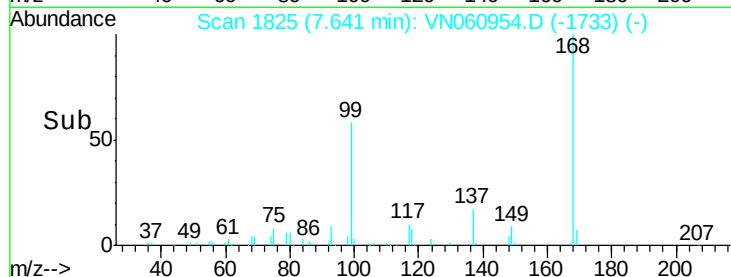
0

7.60

7.64

7.70

Time-->



#16

Acetone

Concen: 18.370 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060954.D

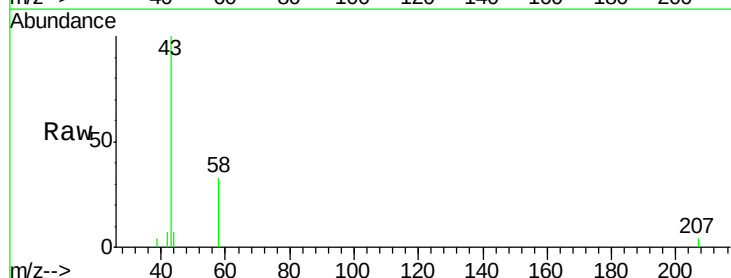
Acq: 15 Apr 2020 12:28

Tgt Ion: 43 Resp: 11668

Ion Ratio Lower Upper

43 100

58 32.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

3000

2000

1000

0

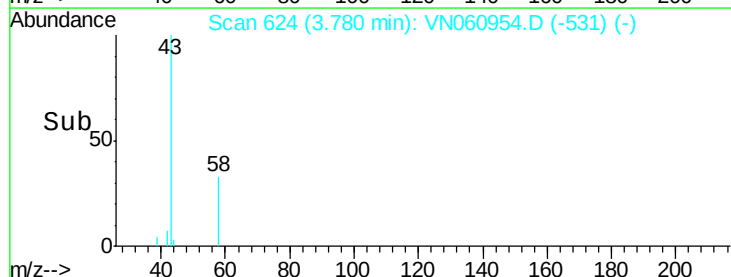
3.70

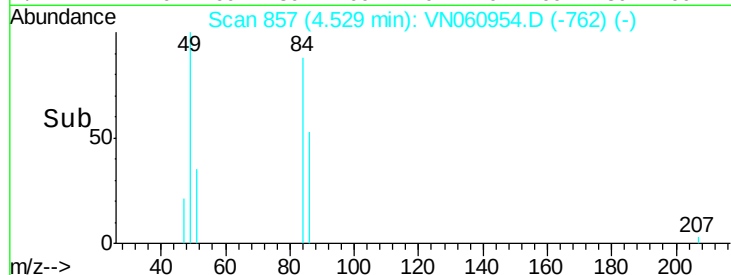
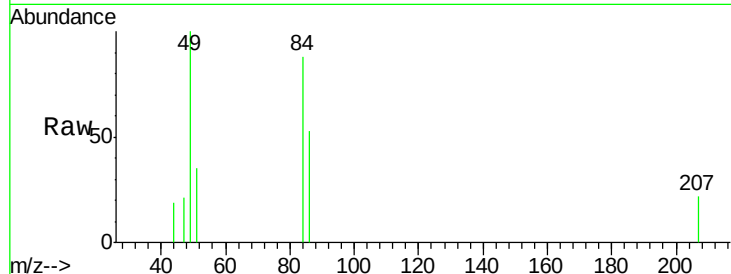
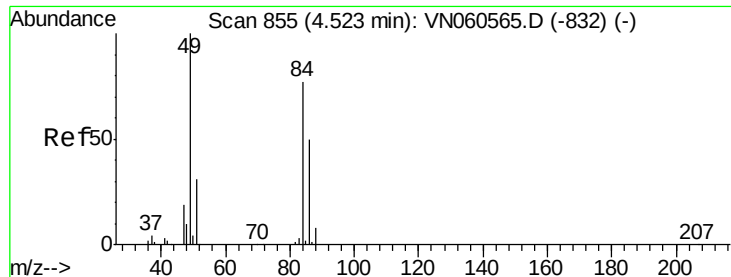
3.75

3.78

3.85

Time-->

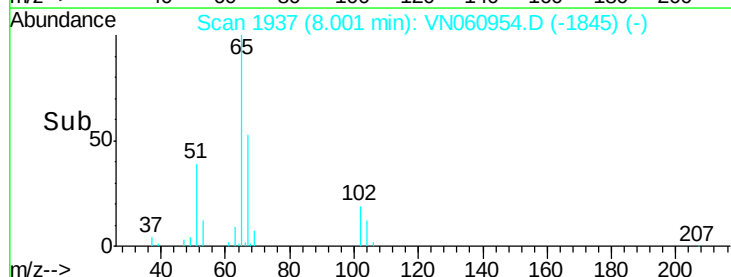
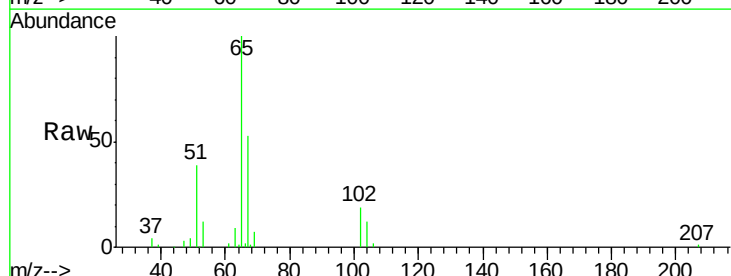
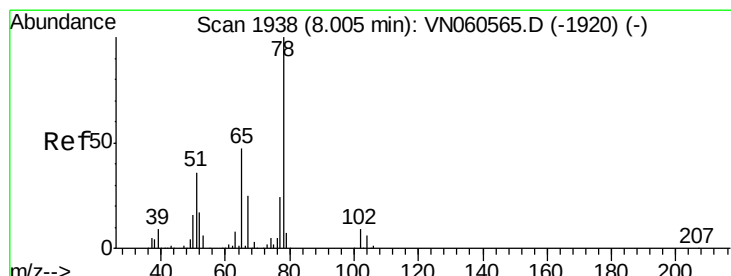
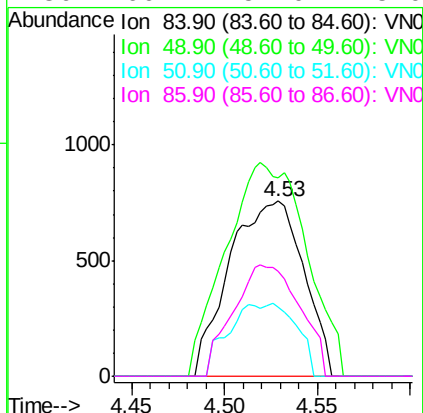




#20
Methylene Chloride
Concen: 1.352 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

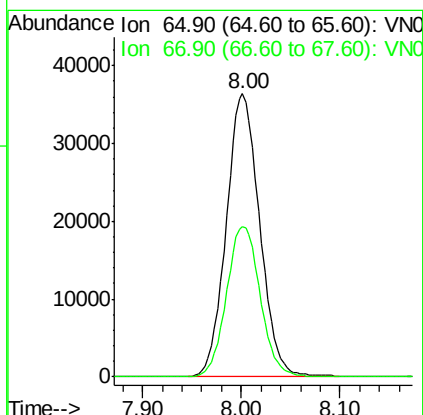
Instrument :
MSVOA_N
ClientSampled :
PB128175TB

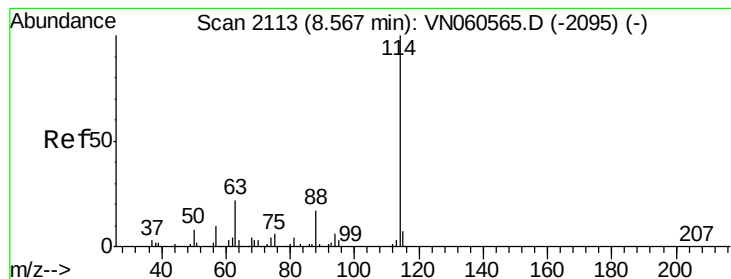
Tot Ion:	84	Resp:	2112
Ion	Ratio	Lower	Upper
84	100		
49	113.2	103.3	154.9
51	39.7	31.6	47.4
86	60.2	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.946 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Tgt Ion:	65	Resp:	85976
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampleId :

PB128175TB

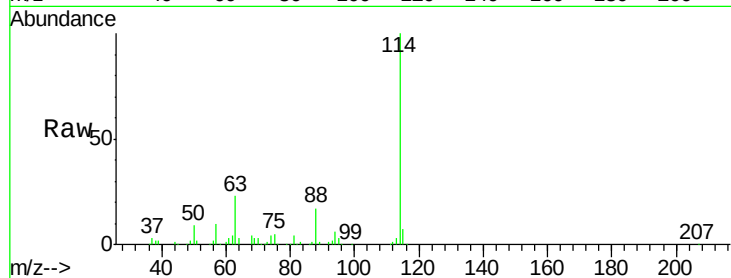
Tot Ion:114 Resp: 221564

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

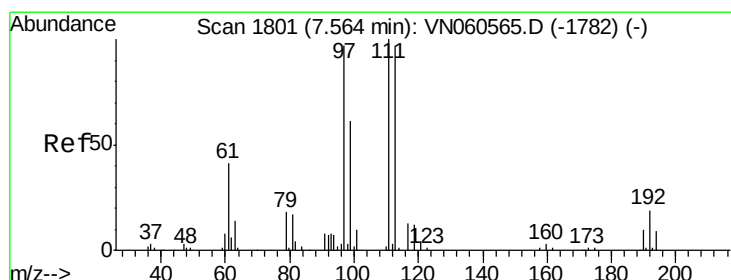
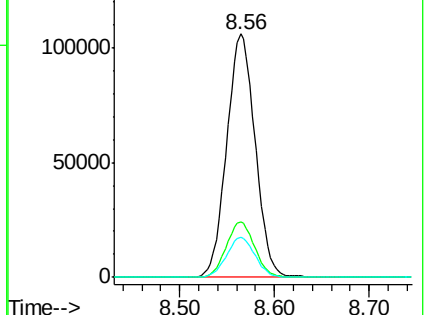
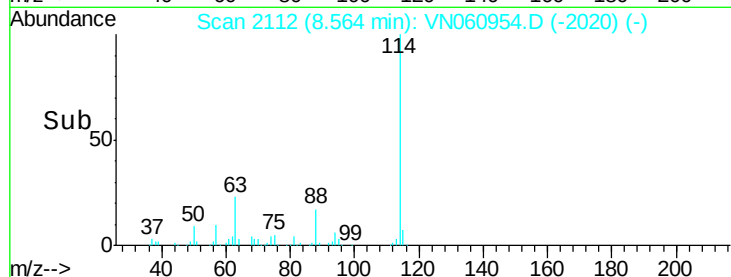
88 16.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.008 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

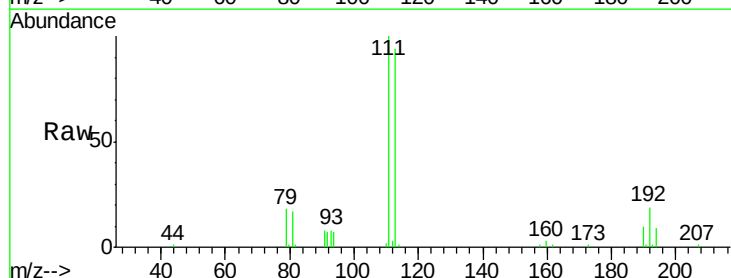
Tgt Ion:113 Resp: 65658

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

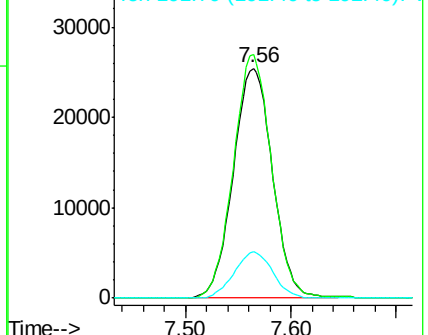
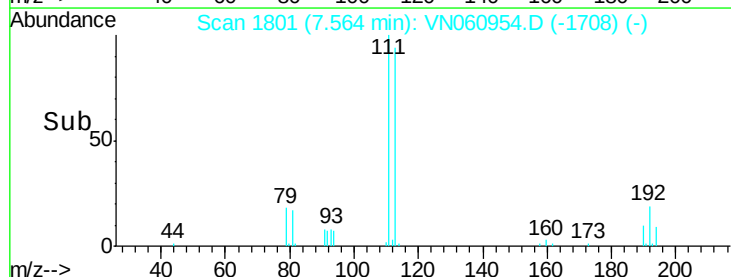
192 19.7 15.8 23.8

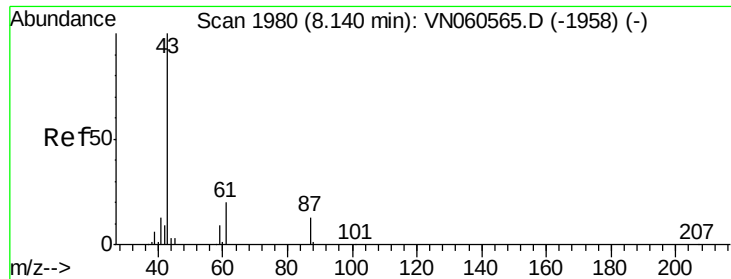


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.991 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampleId :

PB128175TB

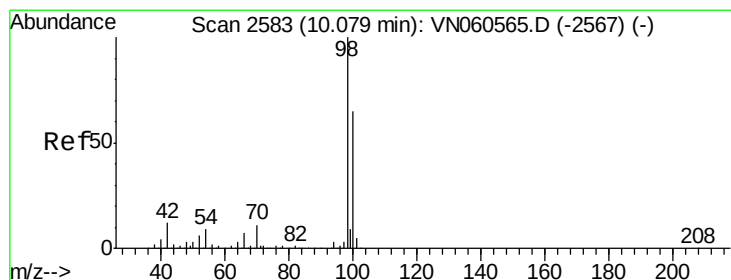
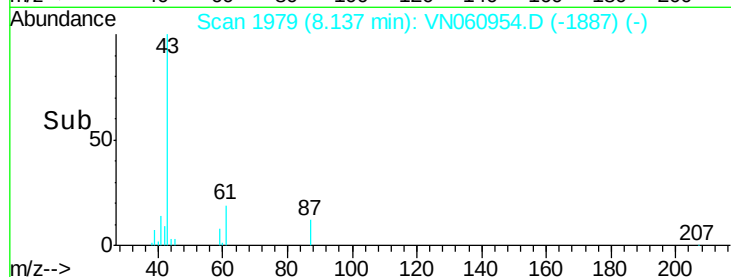
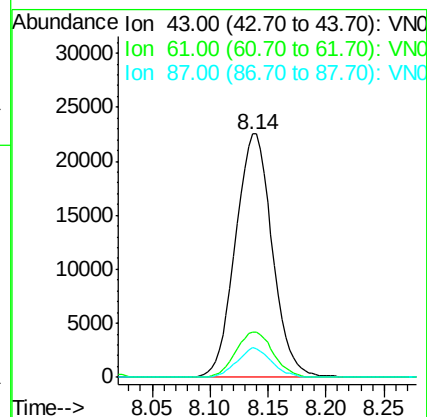
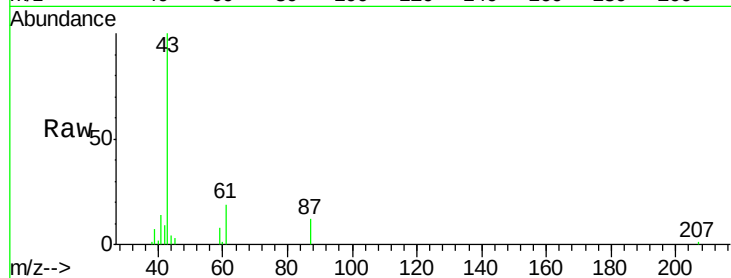
Tot Ion: 43 Resp: 49667

Ion Ratio Lower Upper

43 100

61 18.8 20.7 31.1#

87 11.3 9.8 14.8



#50

Toluene-d8

Concen: 49.988 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060954.D

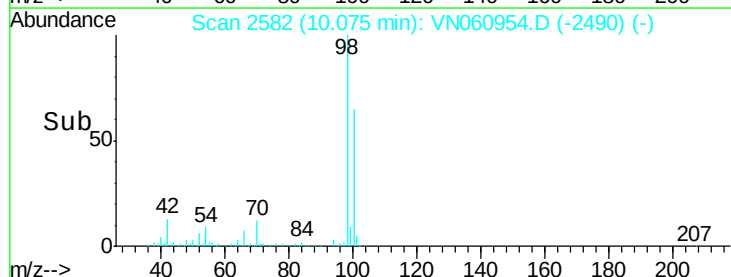
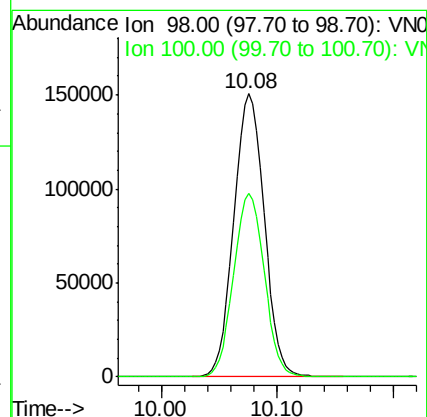
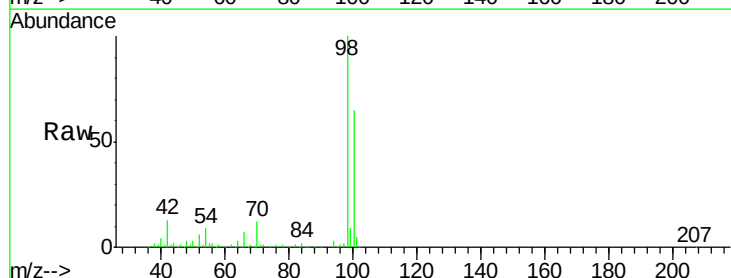
Acq: 15 Apr 2020 12:28

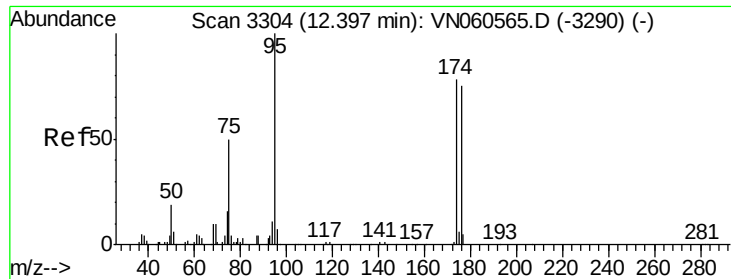
Tgt Ion: 98 Resp: 273549

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8

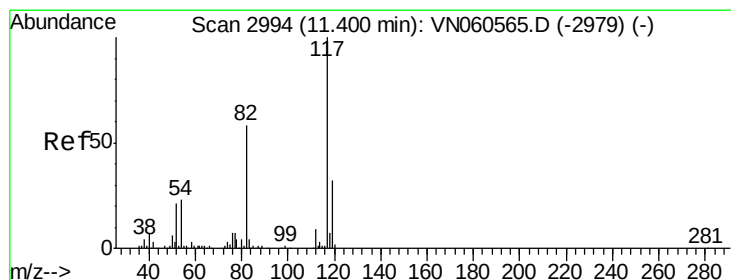
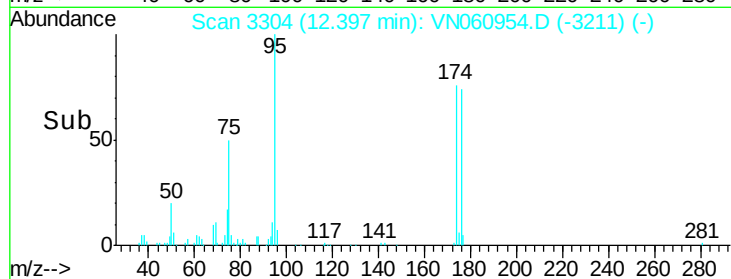
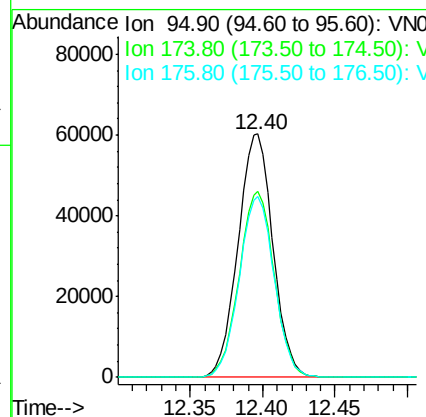
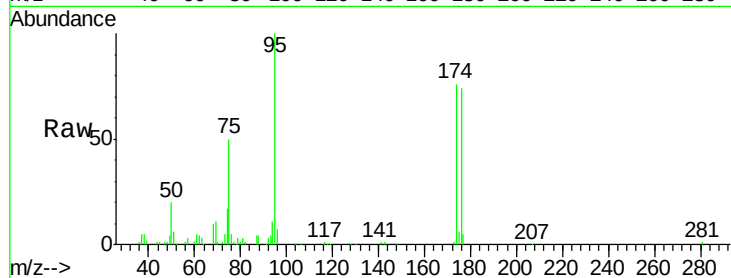




#62
4-Bromofluorobenzene
Concen: 50.165 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

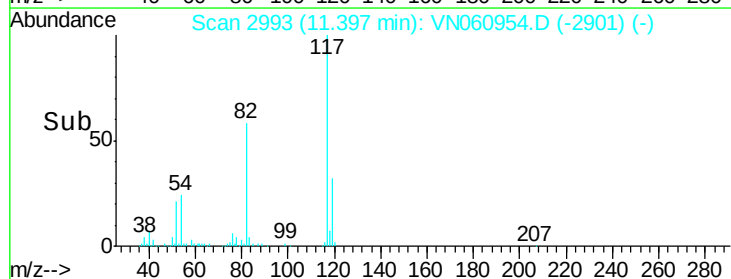
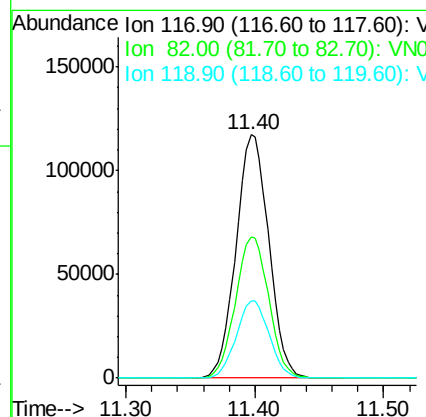
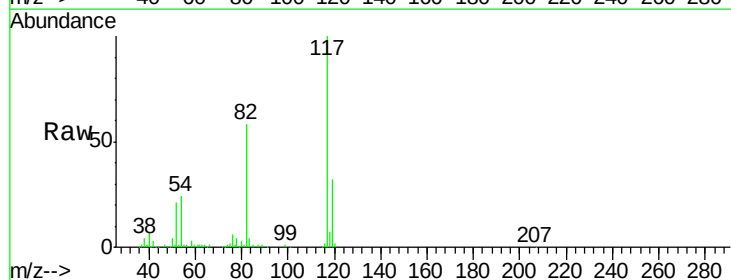
Instrument :
MSVOA_N
ClientSampleId :
PB128175TB

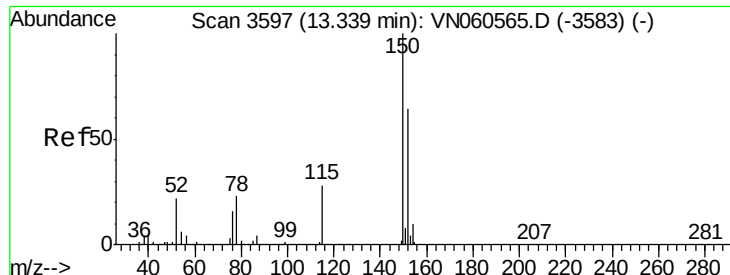
Tot Ion	95	Resp	100606
Ion Ratio	Lower	Upper	
95	100		
174	76.7	0.0	157.6
176	74.5	0.0	150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060954.D
Acq: 15 Apr 2020 12:28

Tgt Ion	117	Resp	207040
Ion Ratio	Lower	Upper	
117	100		
82	58.2	46.7	70.1
119	31.8	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060954.D

Acq: 15 Apr 2020 12:28

Instrument :

MSVOA_N

ClientSampleId :

PB128175TB

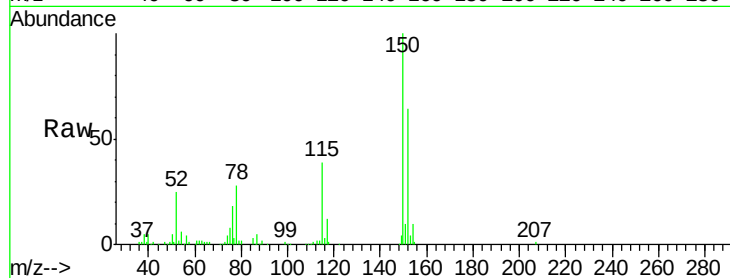
Tot Ion:152 Resp: 91023

Ion Ratio Lower Upper

152 100

115 60.3 30.2 90.6

150 155.5 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

