

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061272.D
 Acq On : 4 May 2020 12:57
 Operator : JC/MD
 Sample : PB128636TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128636TB

Quant Time: May 05 04:28:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

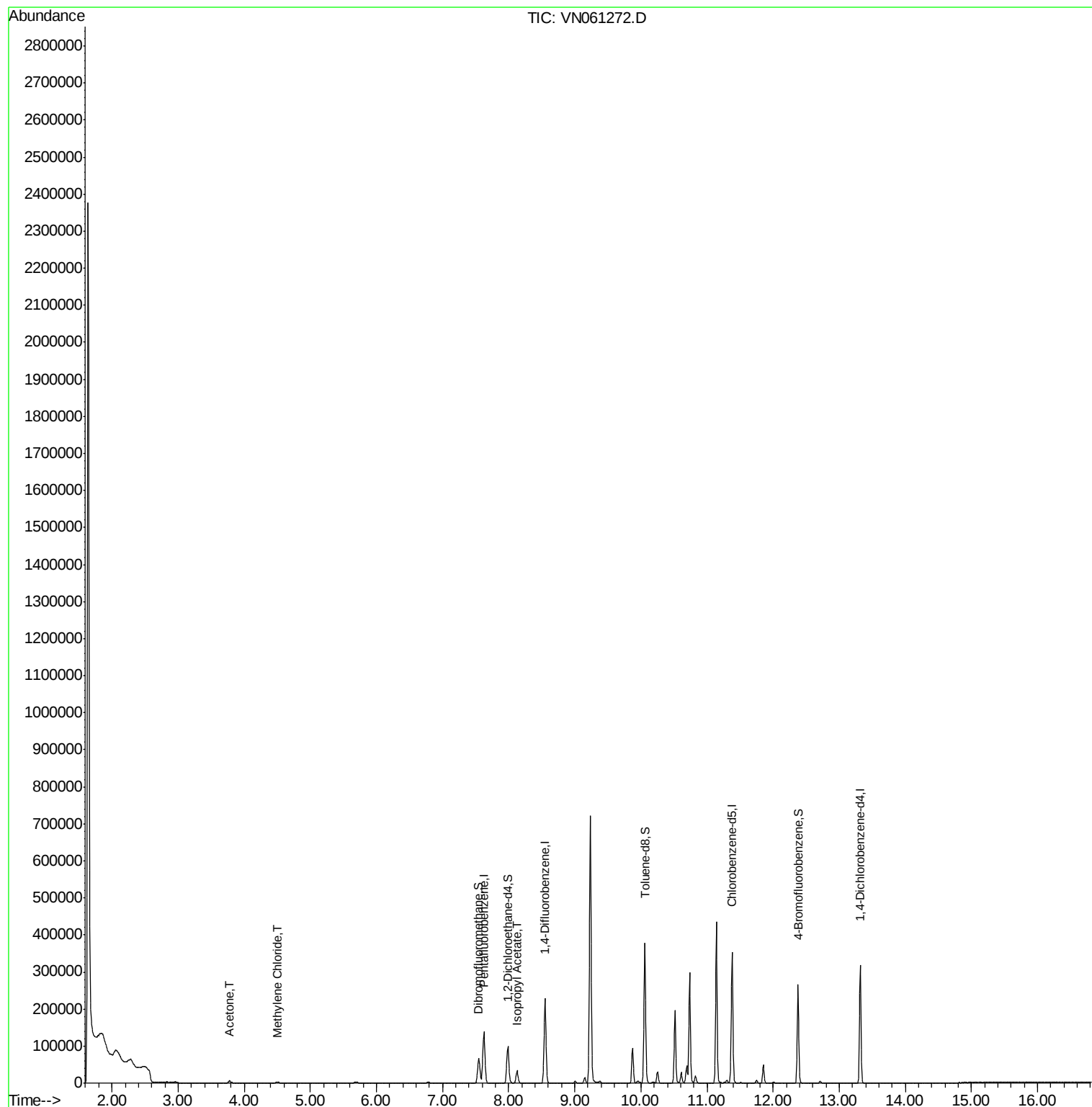
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	105007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	190226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	187953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	87242	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.55	113	50215	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
50) Toluene-d8	10.06	98	243048	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.38	95	88894	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
16) Acetone	3.78	43	11003	11.860	ug/l	94
20) Methylene Chloride	4.50	84	1729	1.335	ug/l	96
43) Isopropyl Acetate	8.13	43	40401	10.905	ug/l #	90

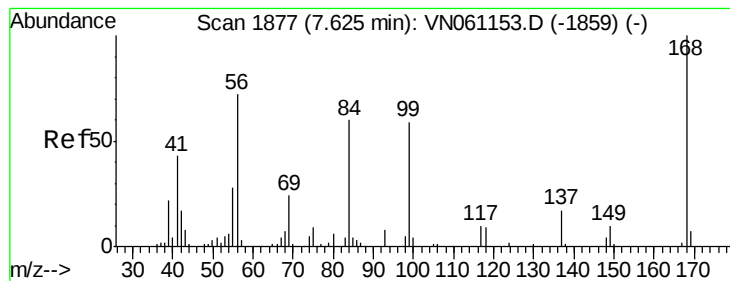
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061272.D

Acq: 4 May 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

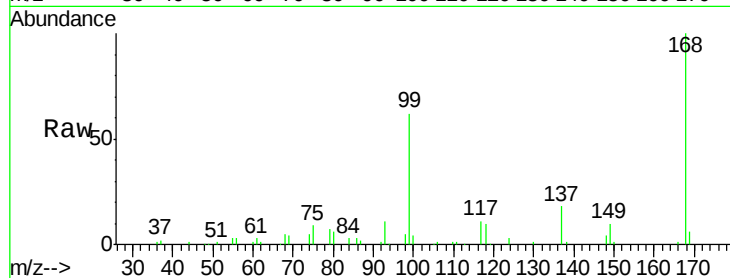
PB128636TB

Tot Ion:168 Resp: 105007

Ion Ratio Lower Upper

168 100

99 62.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

50000

40000

30000

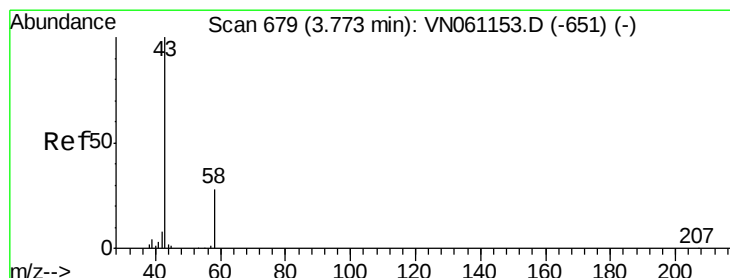
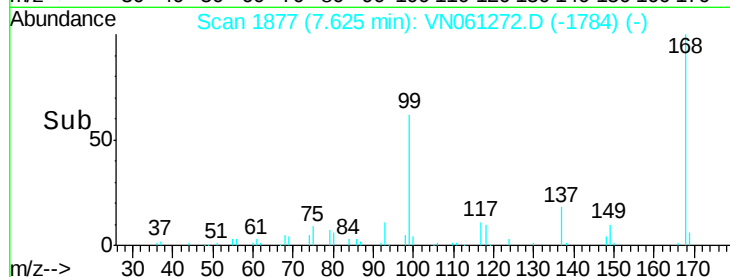
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 11.860 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061272.D

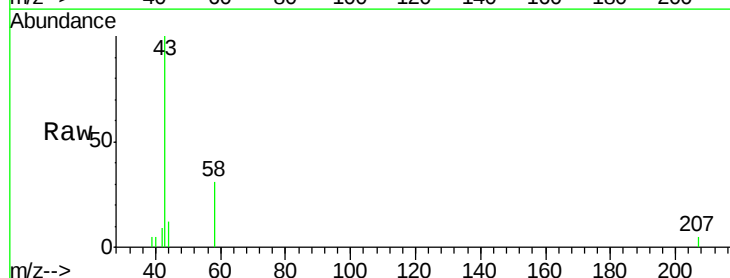
Acq: 4 May 2020 12:57

Tgt Ion: 43 Resp: 11003

Ion Ratio Lower Upper

43 100

58 30.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

3000

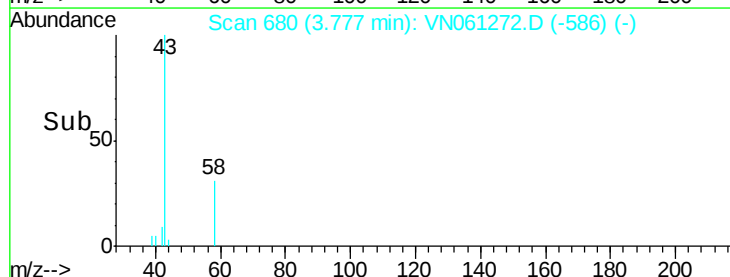
2000

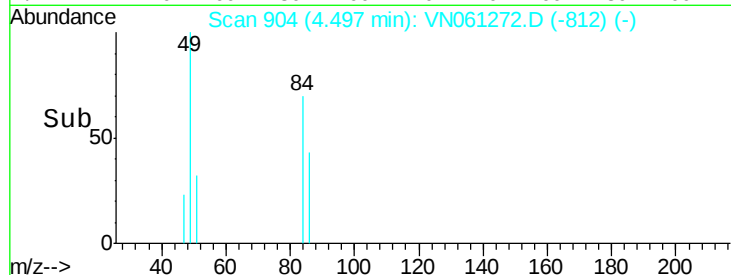
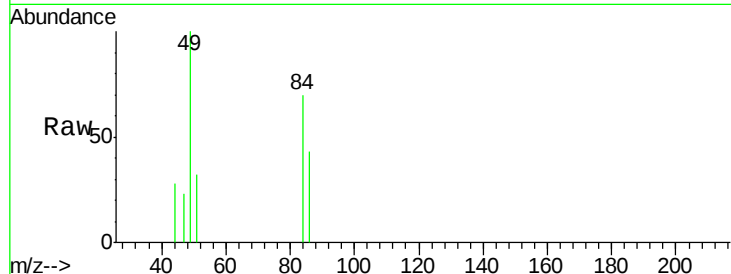
1000

0

Time-->

3.70 3.75 3.80 3.85

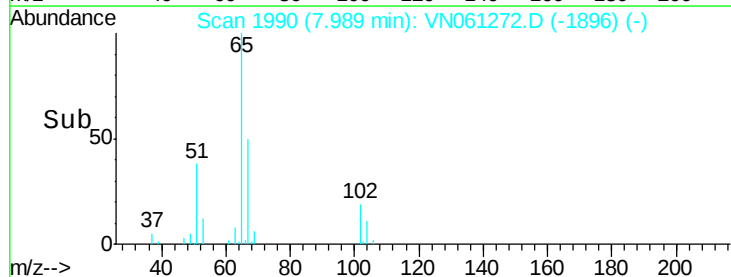
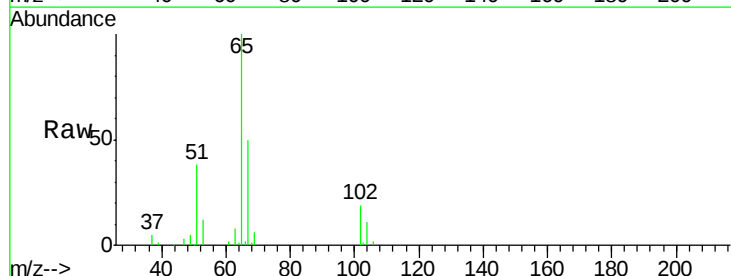
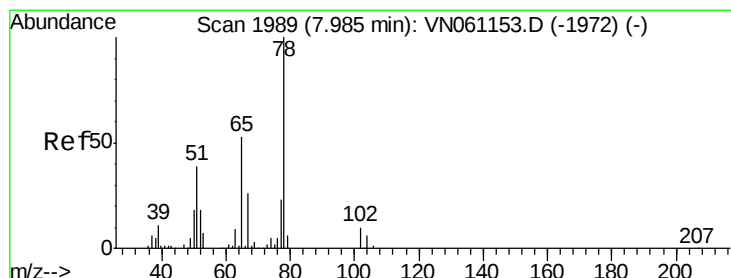
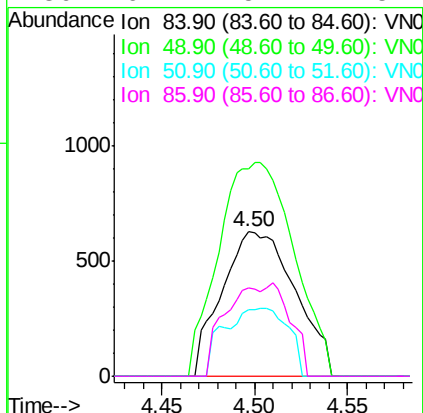




#20
Methvlene Chloride
Concen: 1.335 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061272.D
Acq: 4 May 2020 12:57

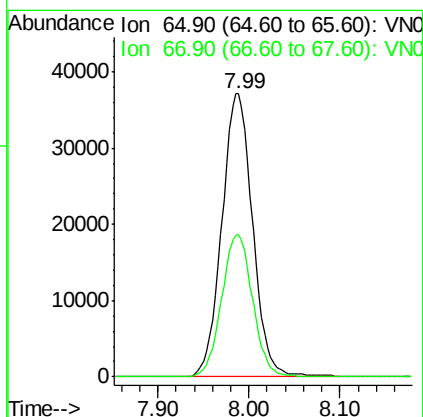
Instrument :
MSVOA_N
ClientSampled :
PB128636TB

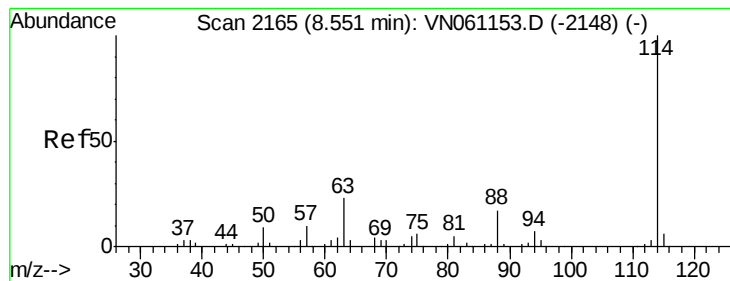
Tot Ion:	84	Resp:	1729
Ion	Ratio	Lower	Upper
84	100		
49	143.7	112.0	168.0
51	46.4	33.6	50.4
86	61.4	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 52.507 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061272.D
Acq: 4 May 2020 12:57

Tgt Ion:	65	Resp:	87242
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061272.D

Acq: 4 May 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB128636TB

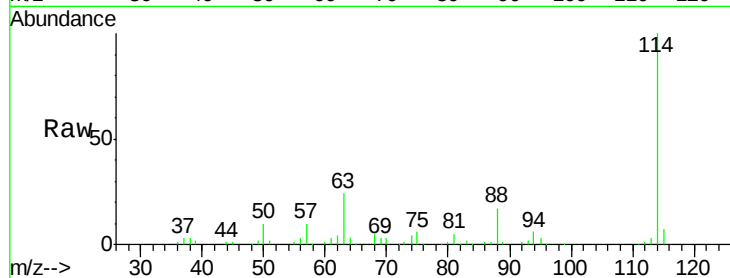
Tot Ion:114 Resp: 190226

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

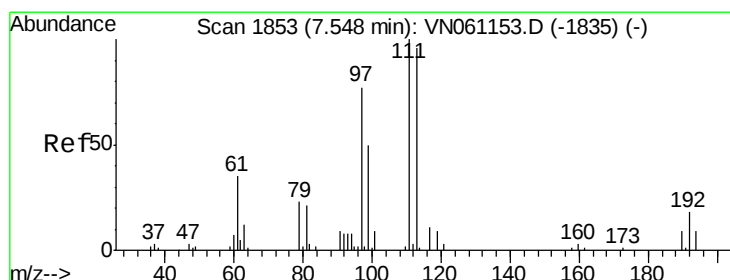
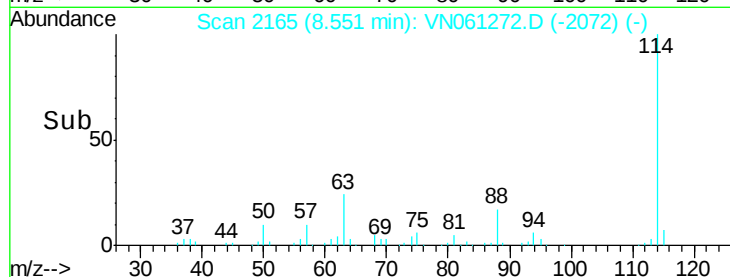
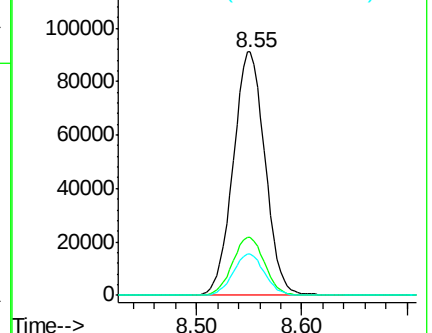
88 16.9 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 44.641 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061272.D

Acq: 4 May 2020 12:57

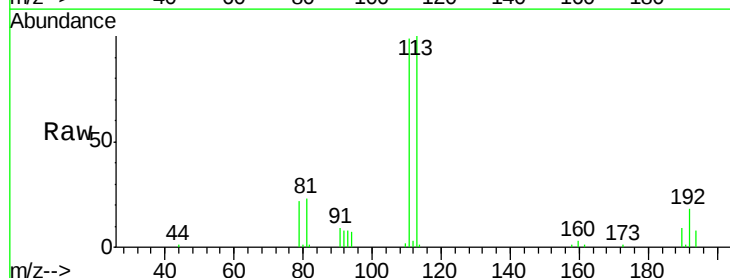
Tgt Ion:113 Resp: 50215

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

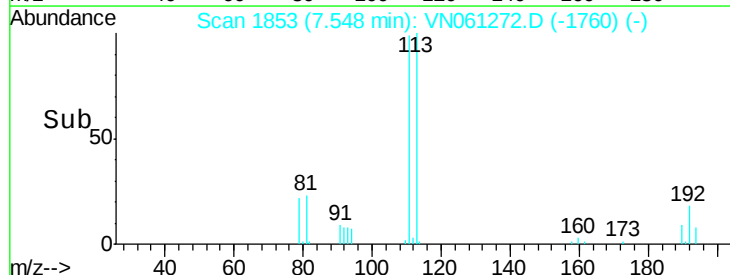
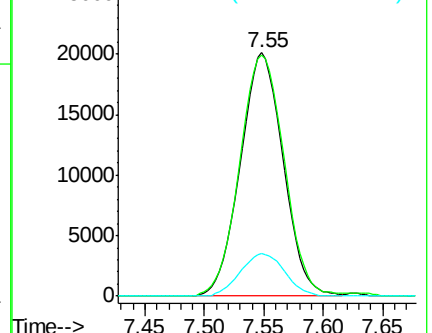
192 18.1 14.7 22.1

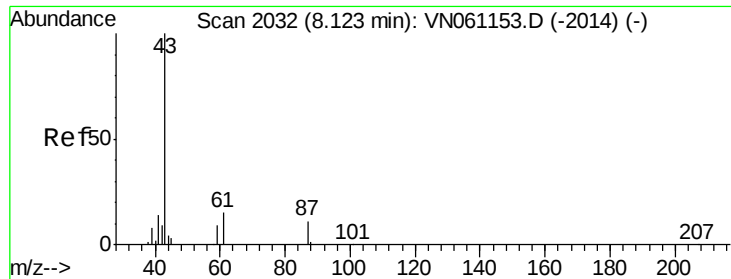


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.905 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061272.D

Acq: 4 May 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB128636TB

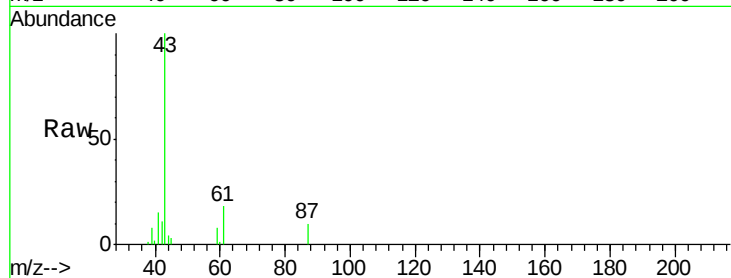
Tot Ion: 43 Resp: 40401

Ion Ratio Lower Upper

43 100

61 17.6 19.5 29.3#

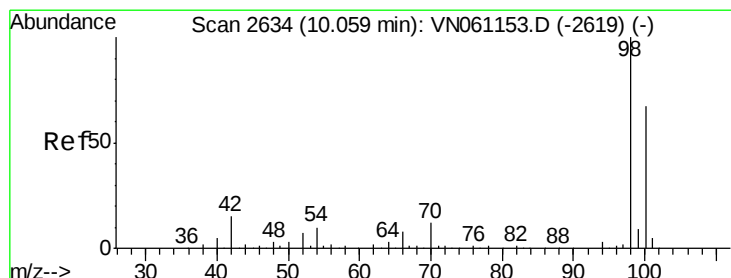
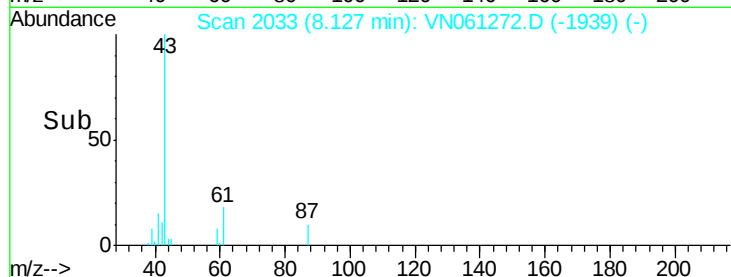
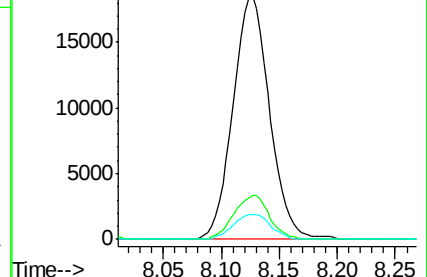
87 10.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#50

Toluene-d8

Concen: 53.004 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061272.D

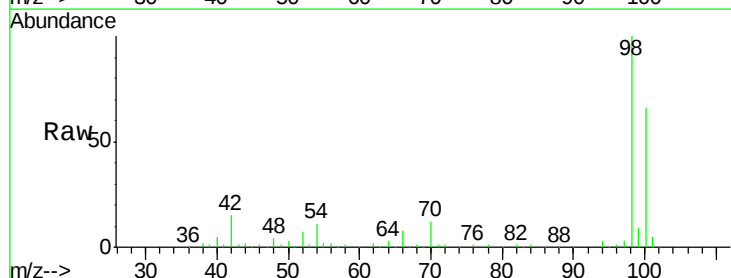
Acq: 4 May 2020 12:57

Tgt Ion: 98 Resp: 243048

Ion Ratio Lower Upper

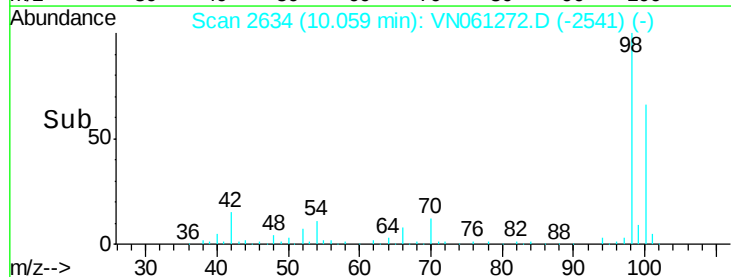
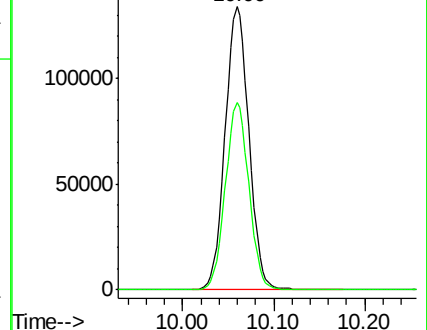
98 100

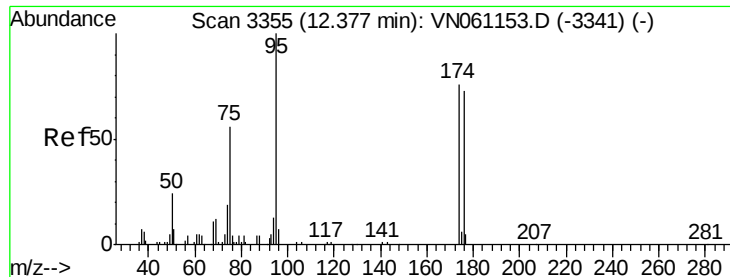
100 65.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

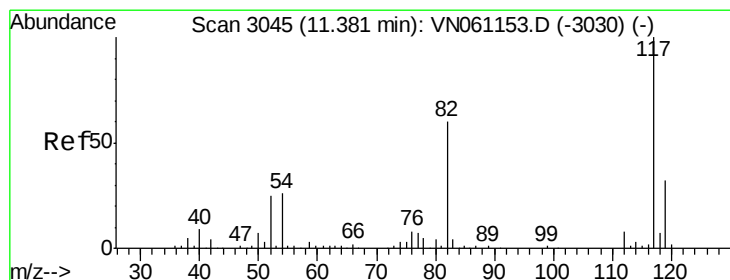
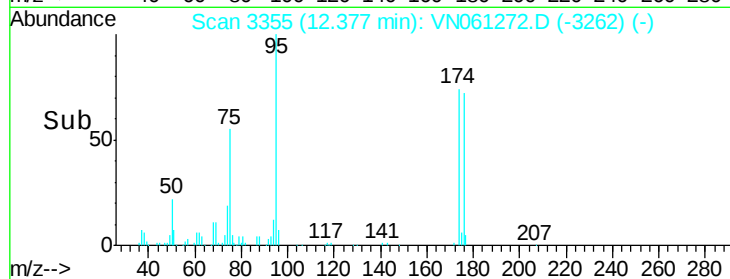
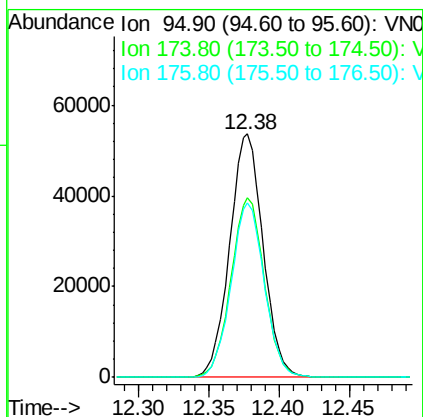
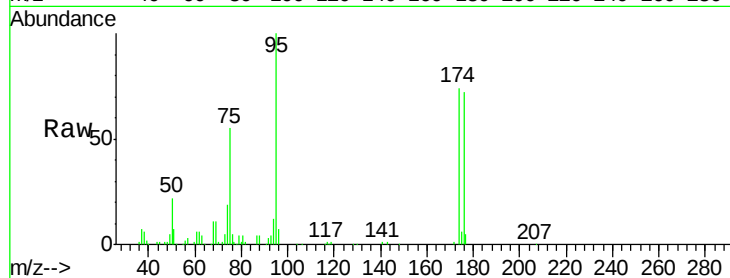




#62
4-Bromofluorobenzene
Concen: 51.515 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061272.D
Acq: 4 May 2020 12:57

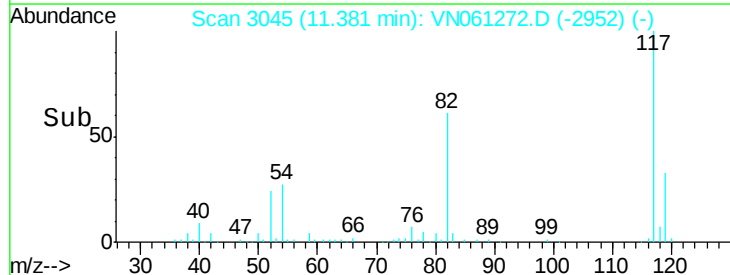
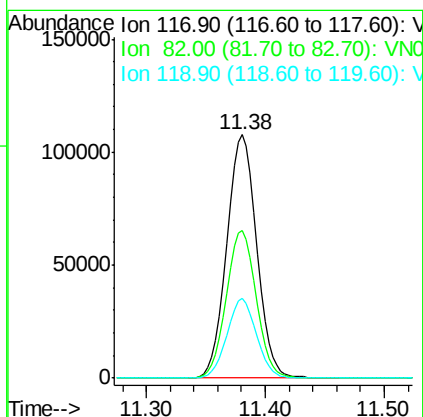
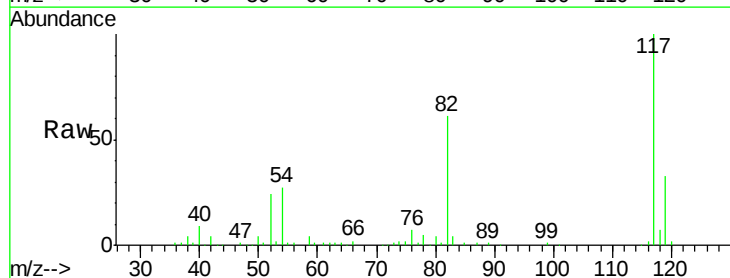
Instrument :
MSVOA_N
ClientSampleId :
PB128636TB

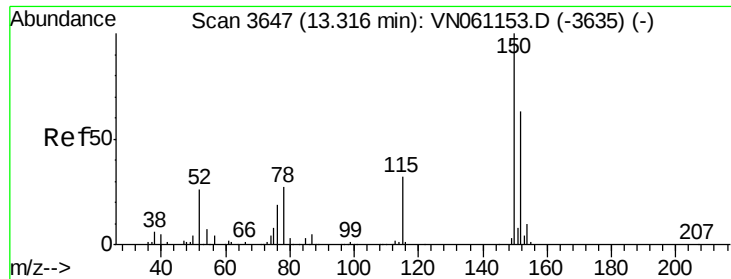
Tot Ion	95	Resp	88894
Ion Ratio	Lower	Upper	
95	100		
174	73.6	0.0	149.4
176	71.2	0.0	144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061272.D
Acq: 4 May 2020 12:57

Tgt Ion	117	Resp	187953
Ion Ratio	Lower	Upper	
117	100		
82	60.7	47.8	71.8
119	32.8	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061272.D

Acq: 4 May 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

PB128636TB

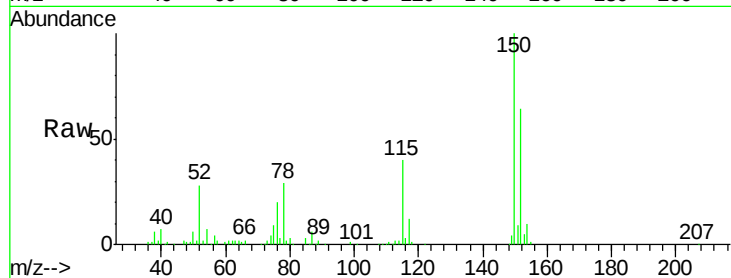
Tot Ion:152 Resp: 78415

Ion Ratio Lower Upper

152 100

115 62.3 31.0 93.0

150 158.0 0.0 351.8



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

