

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061527.D
 Acq On : 21 May 2020 13:54
 Operator : JC/MD
 Sample : PB129027ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#01

Quant Time: May 22 07:59:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

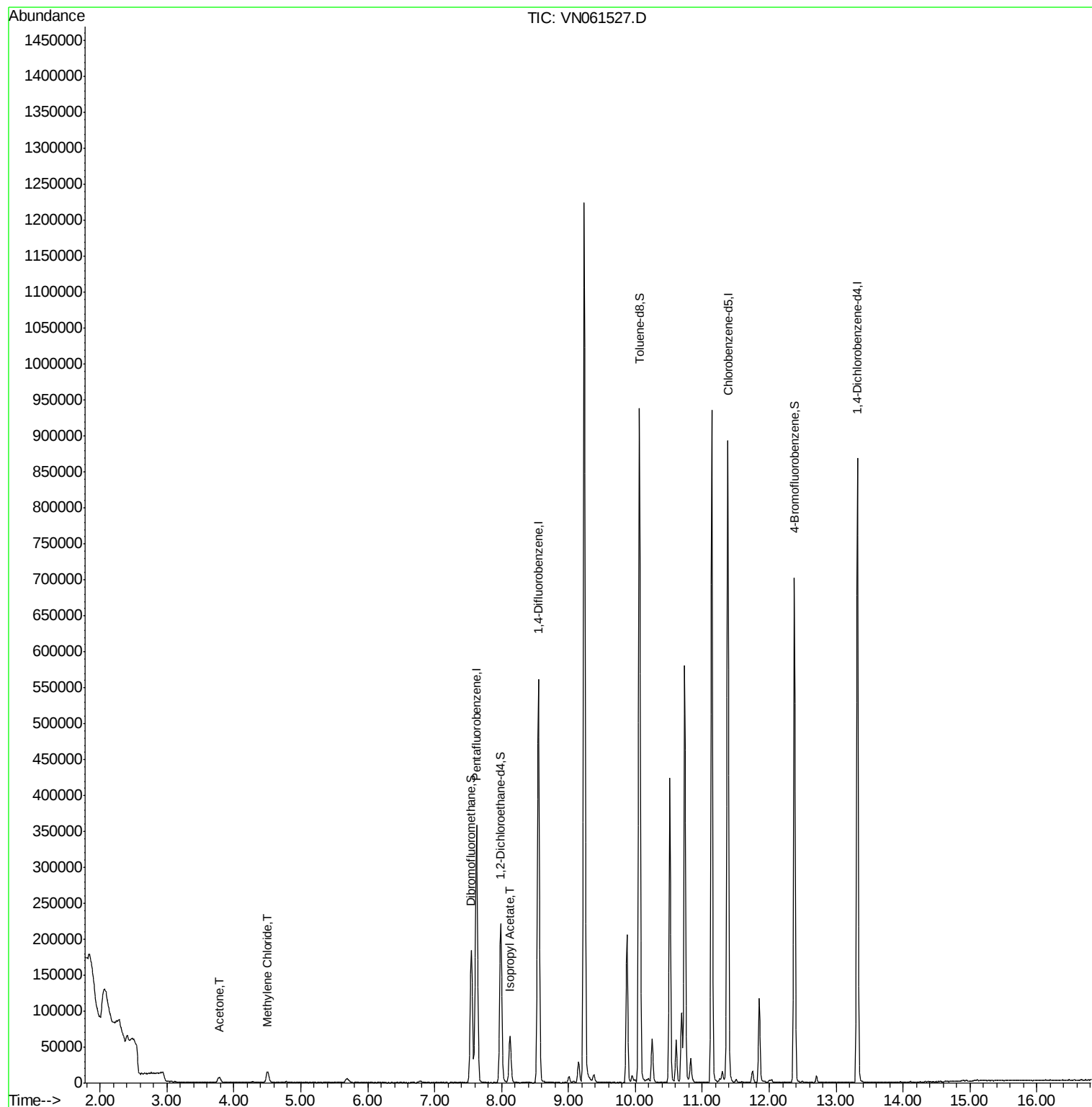
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	288017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	525770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	192191	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
35) Dibromofluoromethane	7.55	113	143268	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	10.06	98	662481	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.37	95	251099	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
Target Compounds						
16) Acetone	3.78	43	13693	1.059	ug/l	97
20) Methylene Chloride	4.50	84	12339	3.493	ug/l	89
43) Isopropyl Acetate	8.13	43	74075	9.526	ug/l #	90

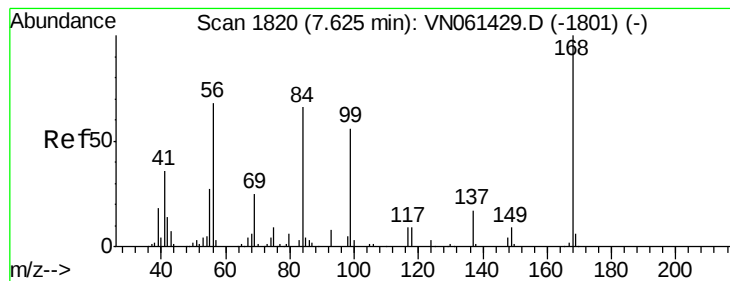
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061527.D

Acq: 21 May 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

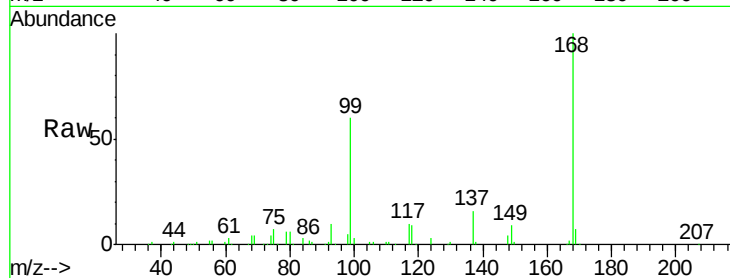
PB129027ZHE#01

Tot Ion:168 Resp: 288017

Ion Ratio Lower Upper

168 100

99 59.7 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

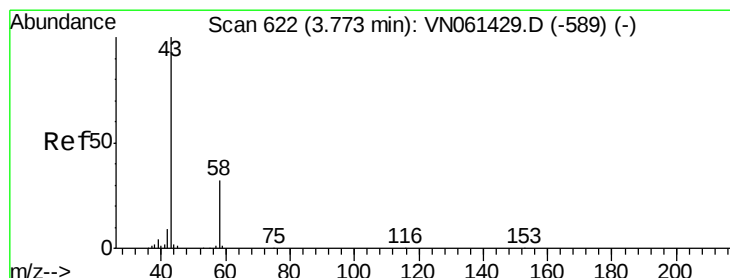
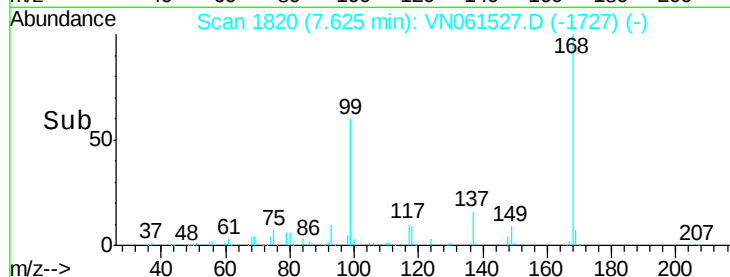
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 1.059 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061527.D

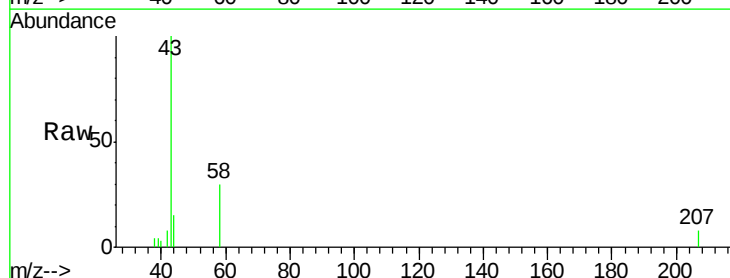
Acq: 21 May 2020 13:54

Tgt Ion: 43 Resp: 13693

Ion Ratio Lower Upper

43 100

58 30.2 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

5000

4000

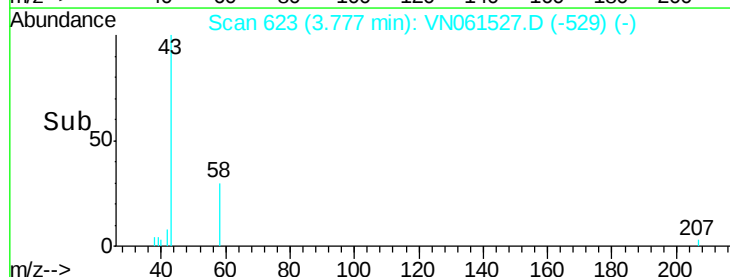
3000

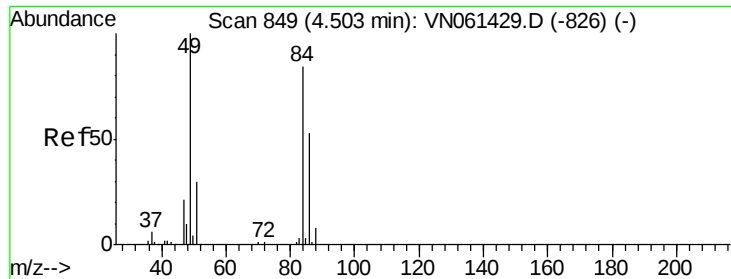
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

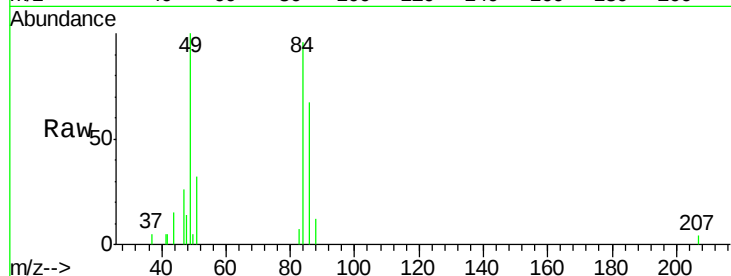




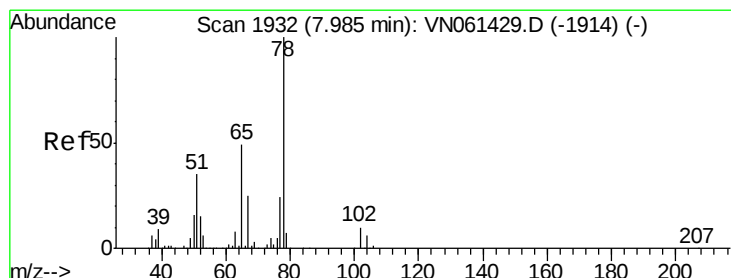
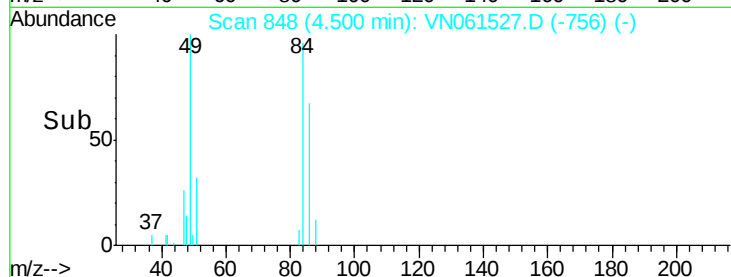
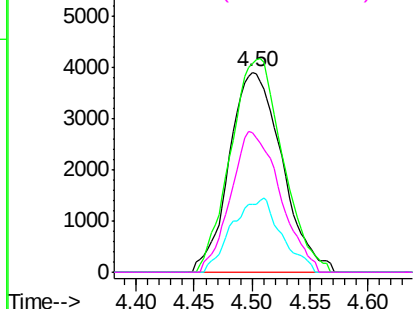
#20
Methvlene Chloride
Concen: 3.493 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061527.D
Acq: 21 May 2020 13:54

Instrument :
MSVOA_N
ClientSampleId :
PB129027ZHE#01

Tot Ion:	84	Resp:	12339
Ion	Ratio	Lower	Upper
84	100		
49	104.3	95.3	142.9
51	33.7	29.0	43.6
86	69.7	50.2	75.2

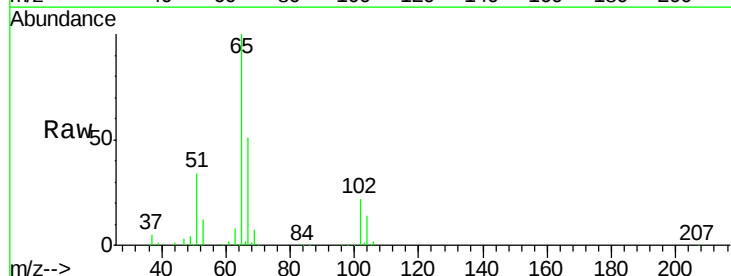


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

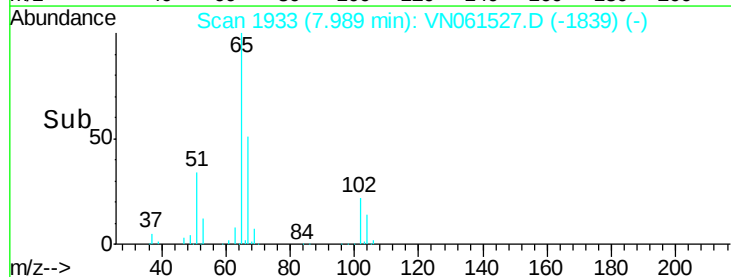
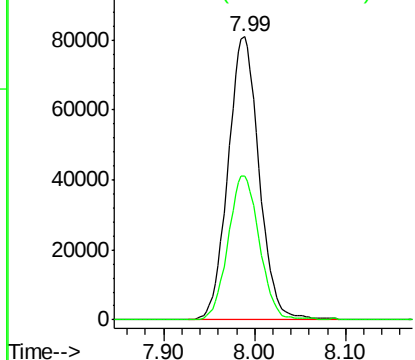


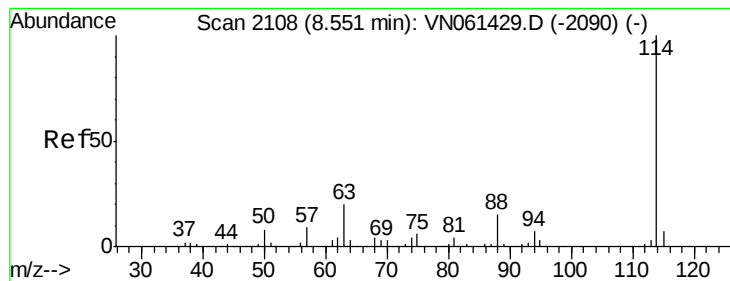
#33
1,2-Dichloroethane-d4
Concen: 44.711 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061527.D
Acq: 21 May 2020 13:54

Tgt Ion:	65	Resp:	192191
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061527.D

Acq: 21 May 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#01

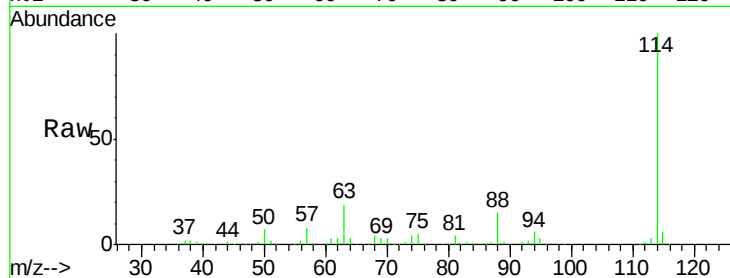
Tot Ion:114 Resp: 525770

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

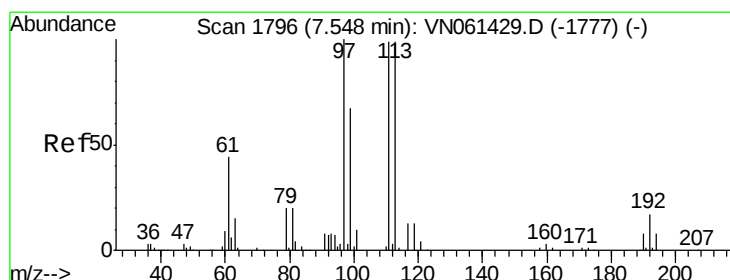
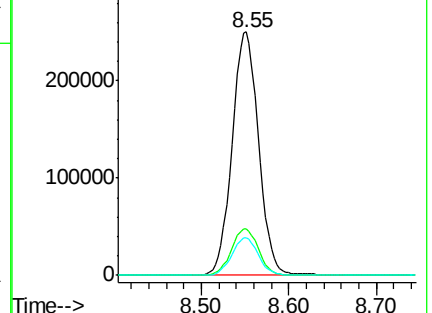
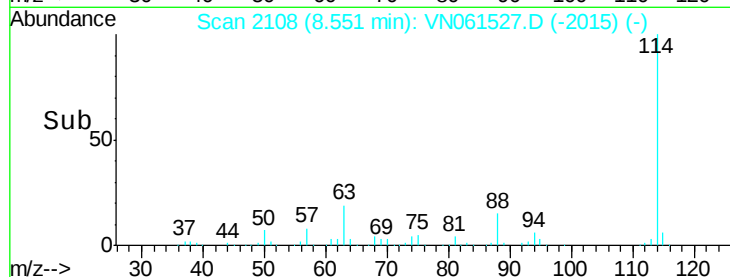
88 15.4 0.0 30.8



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: 52.015 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061527.D

Acq: 21 May 2020 13:54

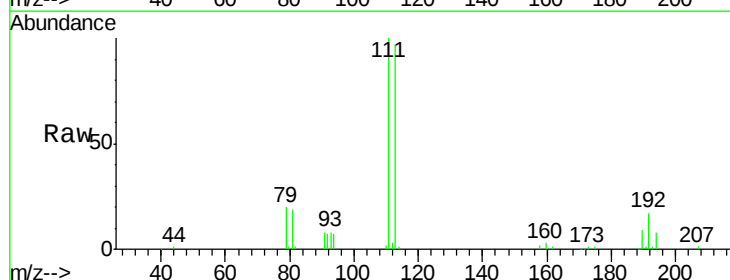
Tgt Ion:113 Resp: 143268

Ion Ratio Lower Upper

113 100

111 102.0 80.6 121.0

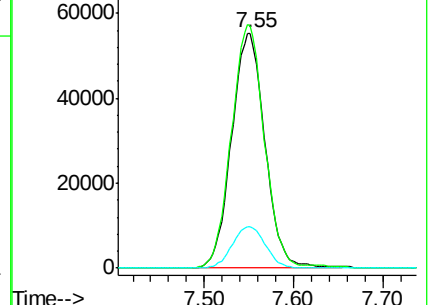
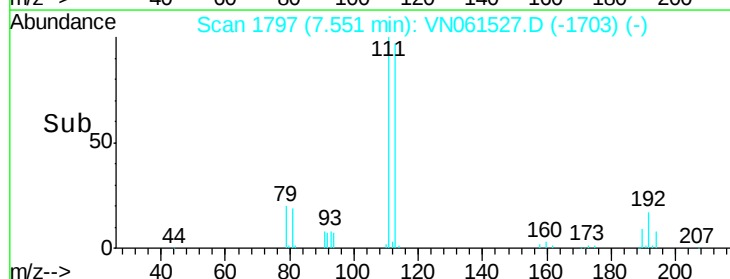
192 17.6 13.2 19.8

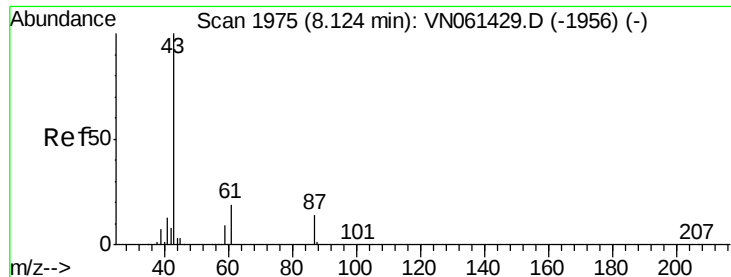


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.526 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061527.D

Acq: 21 May 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#01

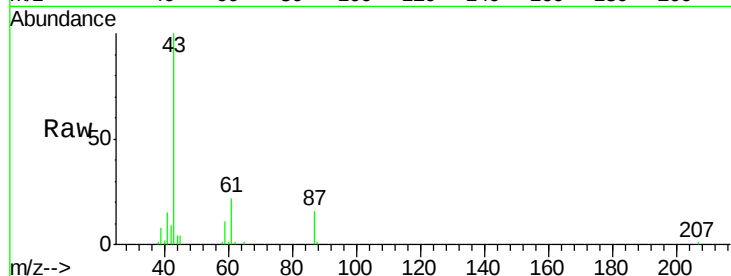
Tot Ion: 43 Resp: 74075

Ion Ratio Lower Upper

43 100

61 21.6 23.0 34.4#

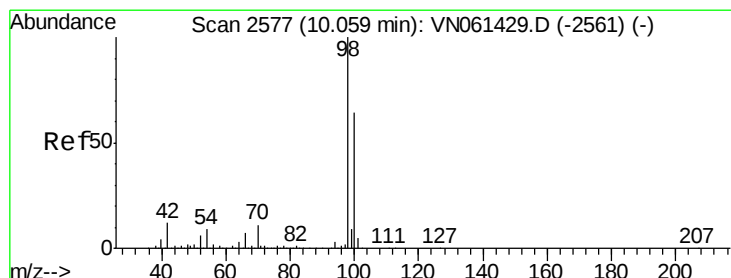
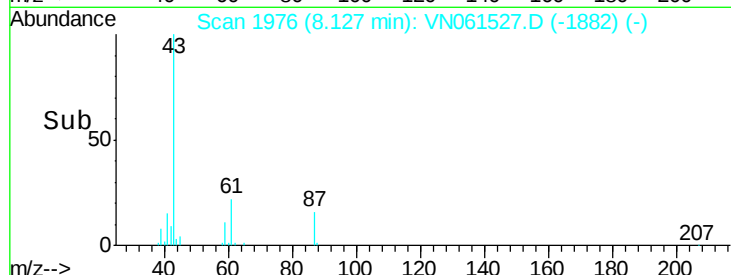
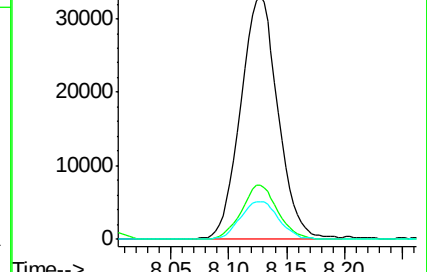
87 15.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)



#50

Toluene-d8

Concen: 51.856 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061527.D

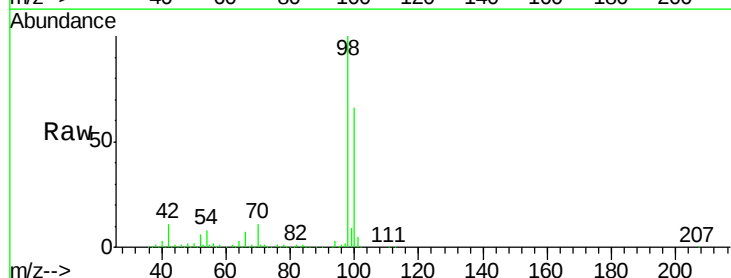
Acq: 21 May 2020 13:54

Tgt Ion: 98 Resp: 662481

Ion Ratio Lower Upper

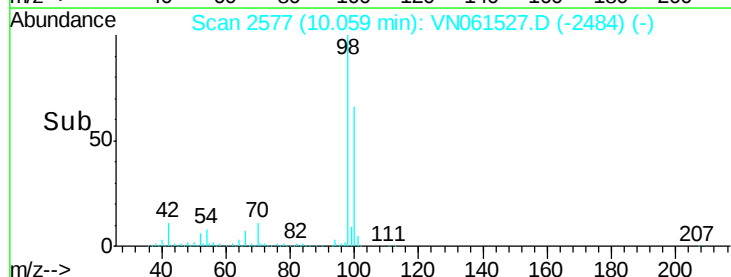
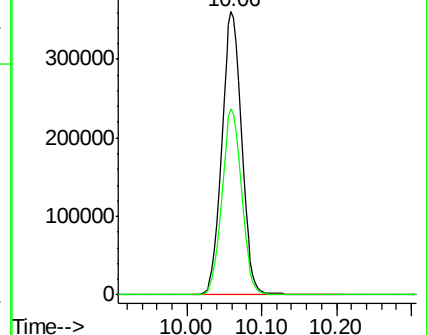
98 100

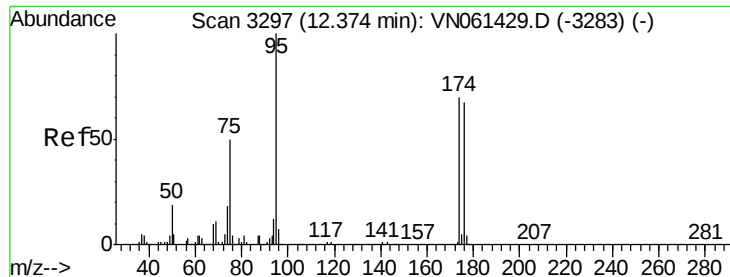
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061429.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061429.D (-2561) (-)

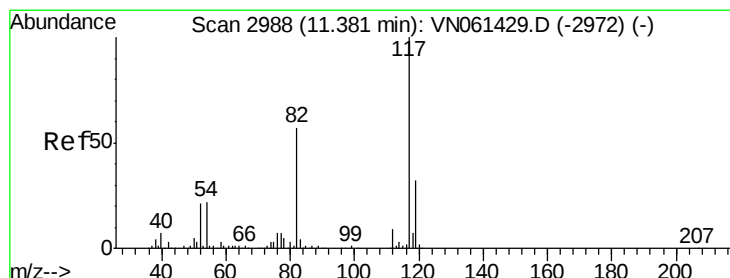
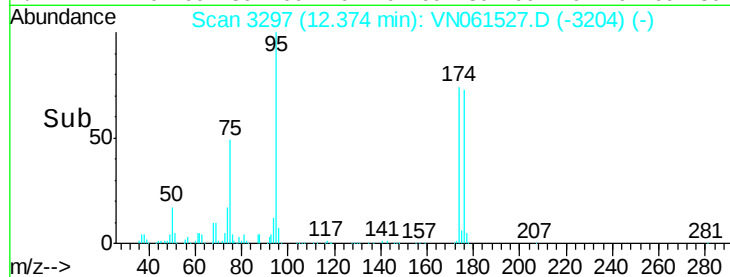
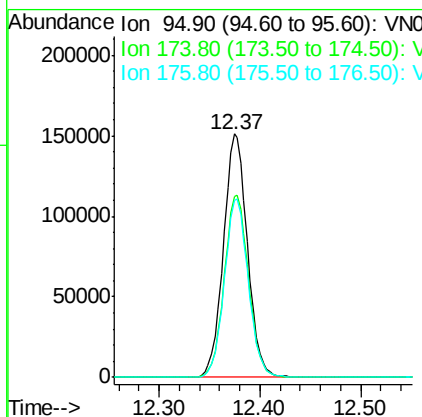
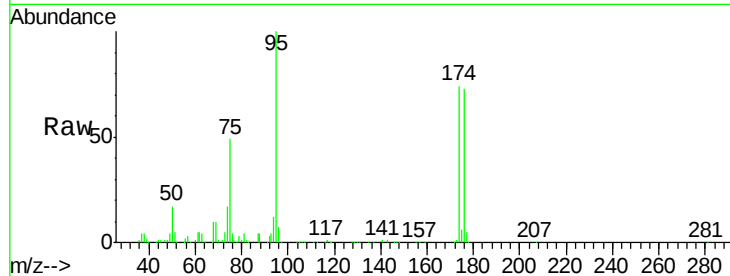




#62
4-Bromofluorobenzene
Concen: 52.608 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061527.D
Acq: 21 May 2020 13:54

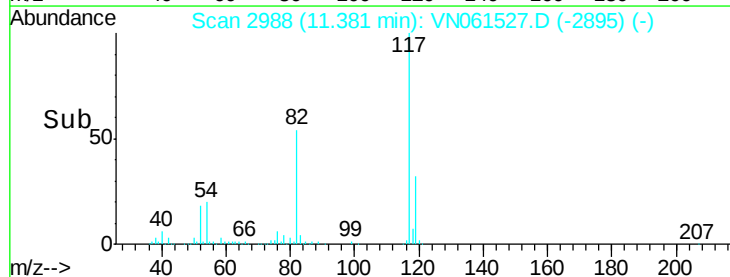
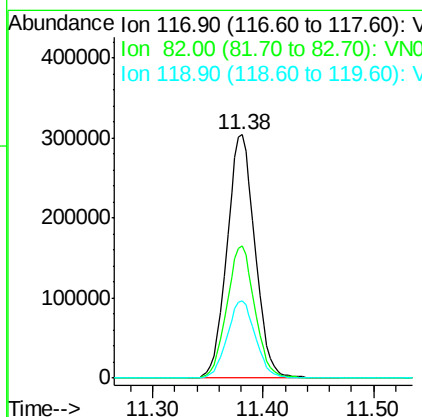
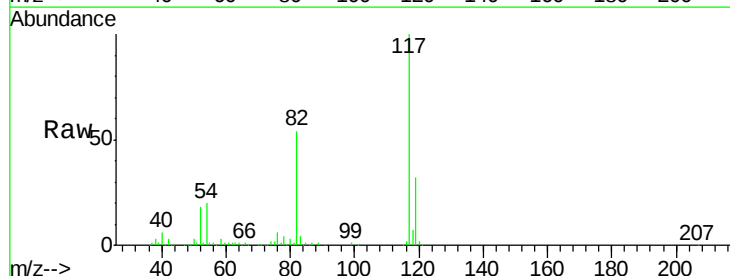
Instrument :
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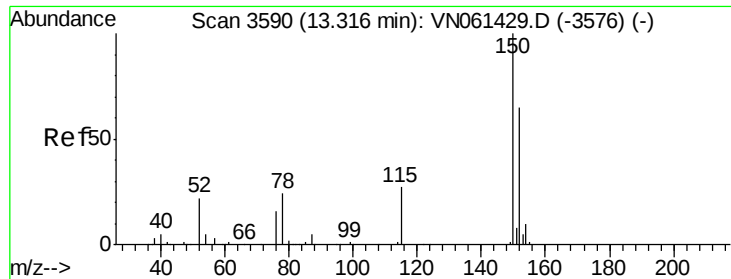
Tot Ion	95	Resp	251099
Ion Ratio	Lower	Upper	
95	100		
174	75.7	0.0	141.2
176	73.2	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061527.D
Acq: 21 May 2020 13:54

Tgt Ion	117	Resp	533641
Ion Ratio	Lower	Upper	
117	100		
82	54.1	45.2	67.8
119	31.9	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061527.D

Acq: 21 May 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#01

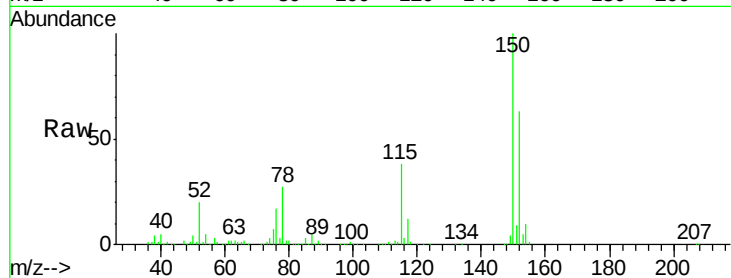
Tot Ion:152 Resp: 228043

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.5

150 160.5 0.0 349.2



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

