

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061531.D
 Acq On : 21 May 2020 15:27
 Operator : JC/MD
 Sample : PB129027ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#05

Quant Time: May 22 08:07:41 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

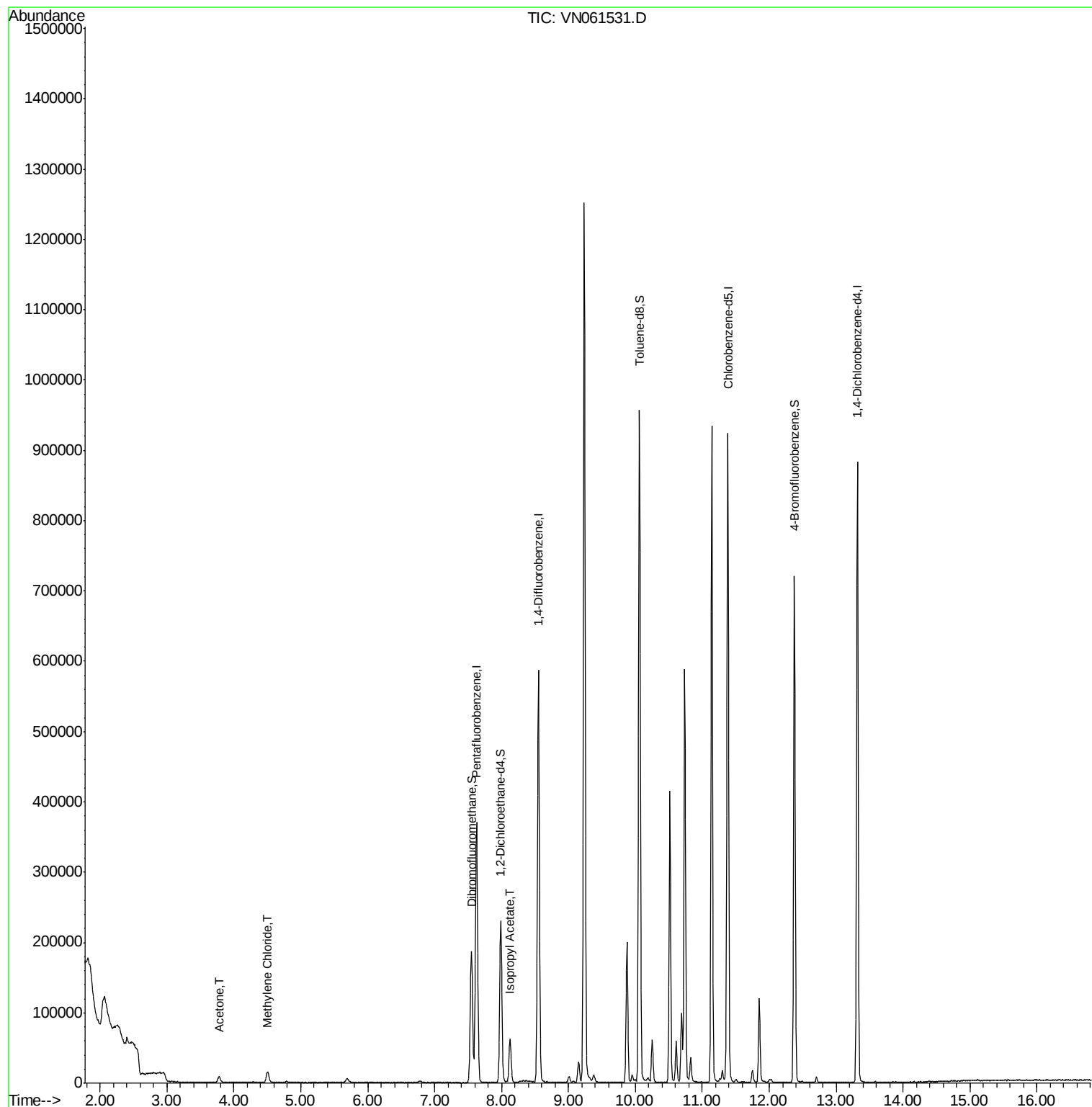
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	297026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	548613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196705	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
35) Dibromofluoromethane	7.55	113	144342	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.06	98	673842	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.37	95	261807	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
Target Compounds						
16) Acetone	3.78	43	14502	1.410	ug/l	95
20) Methylene Chloride	4.51	84	11604	3.185	ug/l	93
43) Isopropyl Acetate	8.13	43	73467	9.054	ug/l #	90

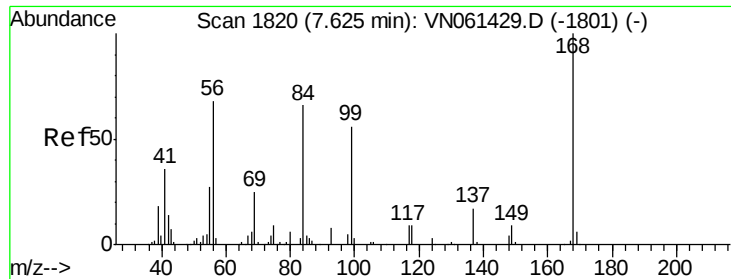
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052120\
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061531.D

Acq: 21 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

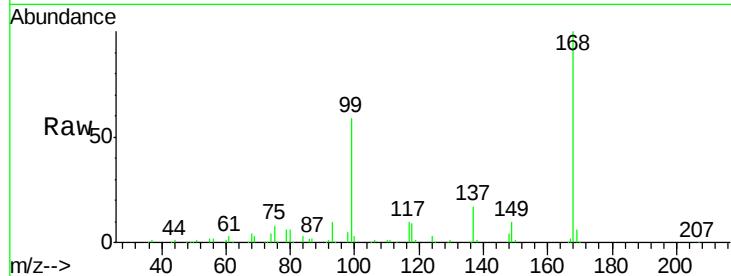
PB129027ZHE#05

Tot Ion:168 Resp: 297026

Ion Ratio Lower Upper

168 100

99 59.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

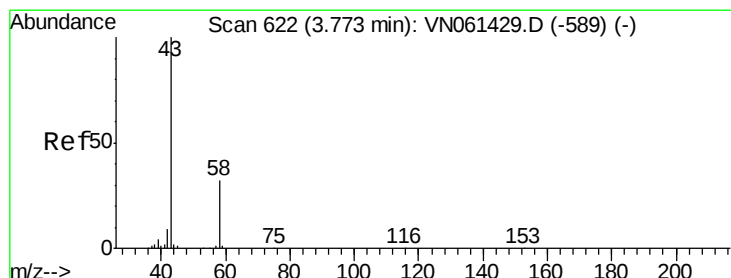
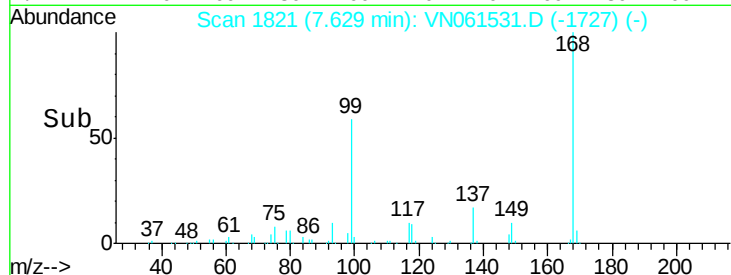
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.410 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061531.D

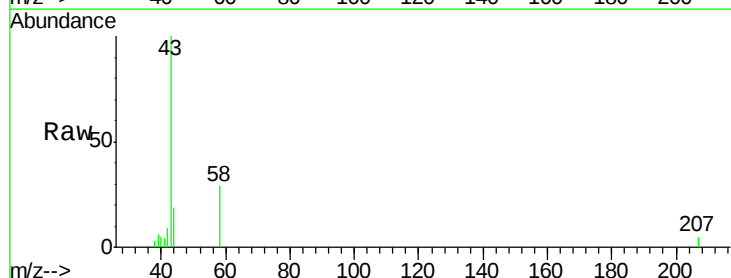
Acq: 21 May 2020 15:27

Tgt Ion: 43 Resp: 14502

Ion Ratio Lower Upper

43 100

58 29.3 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

6000

5000

4000

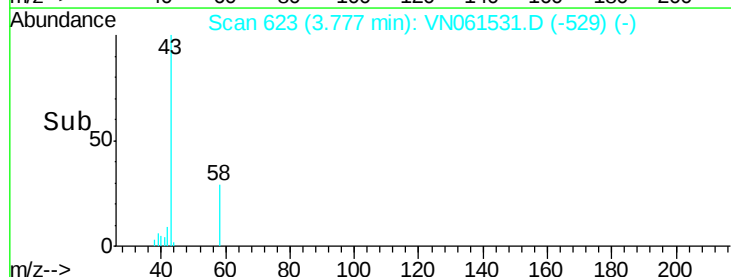
3000

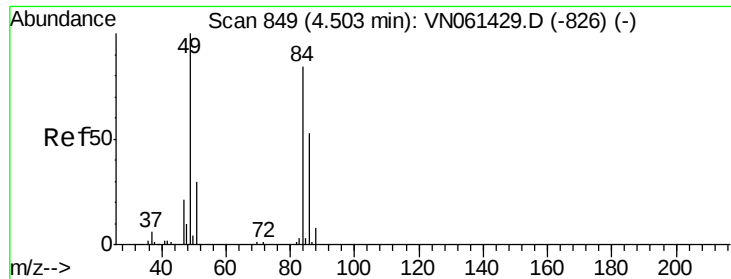
2000

1000

0

Time-->

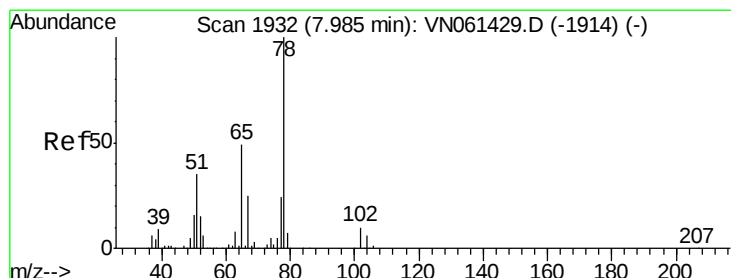
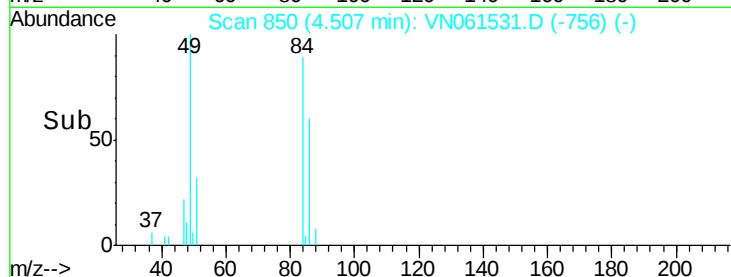
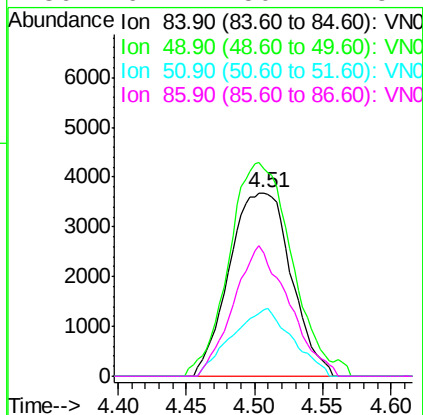
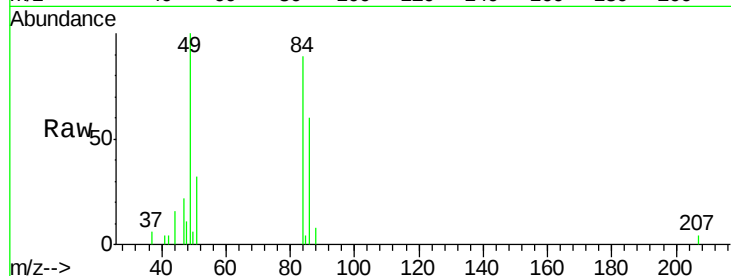




#20
Methvlene Chloride
Concen: 3.185 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061531.D
Acq: 21 May 2020 15:27

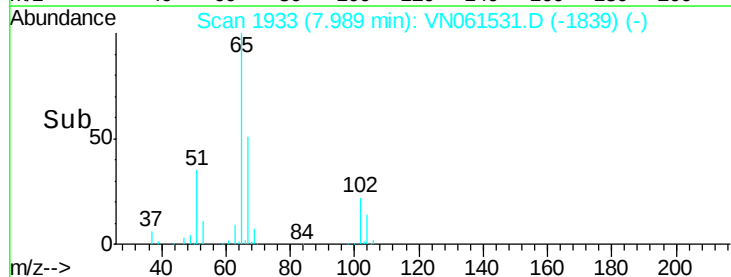
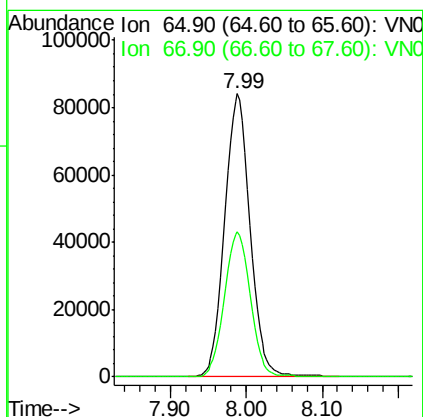
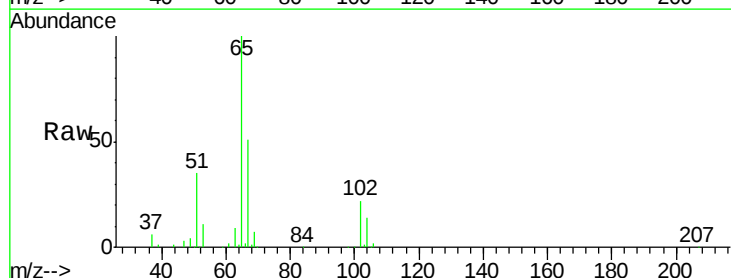
Instrument :
MSVOA_N
ClientSampleId :
PB129027ZHE#05

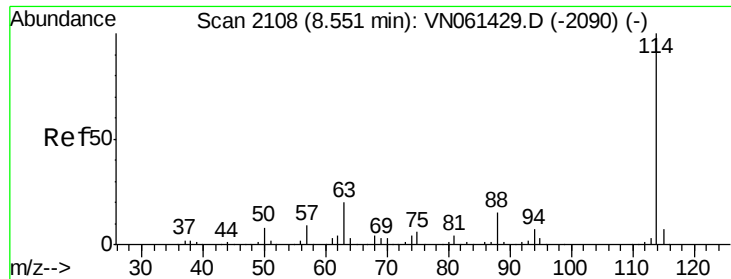
Tot Ion: 84 Resp: 11604
Ion Ratio Lower Upper
84 100
49 108.6 95.3 142.9
51 36.1 29.0 43.6
86 67.2 50.2 75.2



#33
1,2-Dichloroethane-d4
Concen: 44.373 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061531.D
Acq: 21 May 2020 15:27

Tgt Ion: 65 Resp: 196705
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

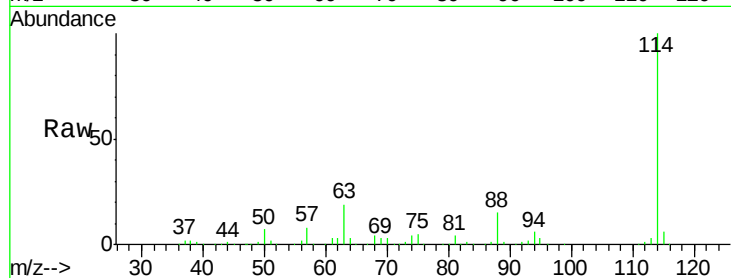




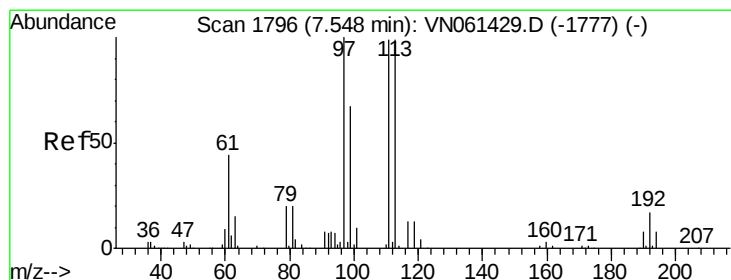
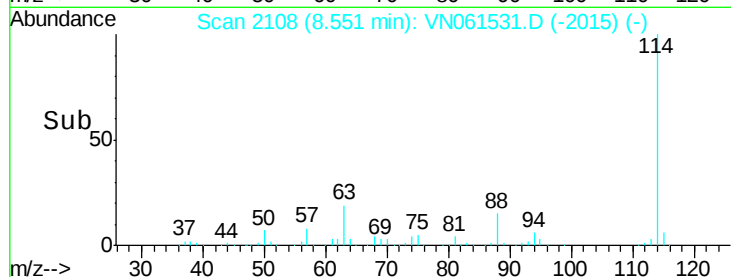
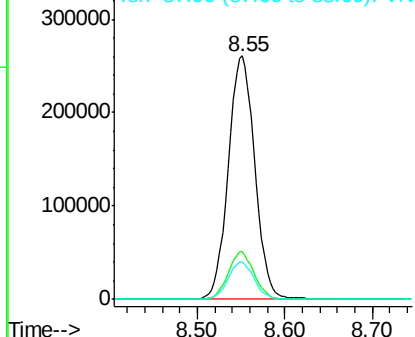
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061531.D
 Acq: 21 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#05

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.2	0.0	30.8

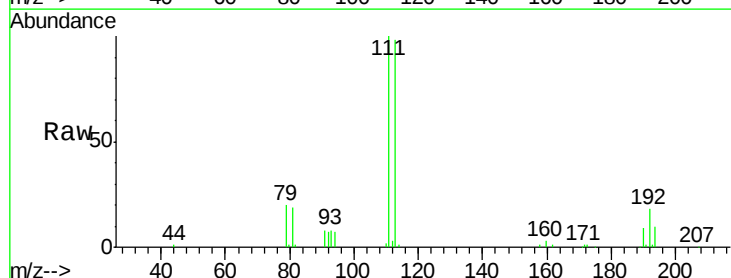


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

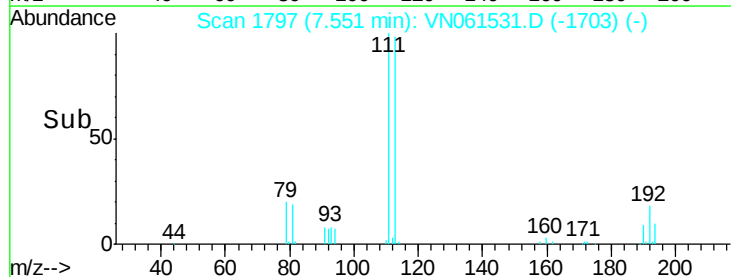
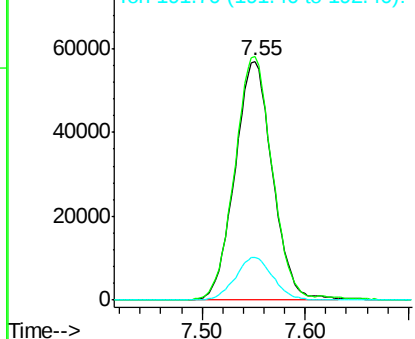


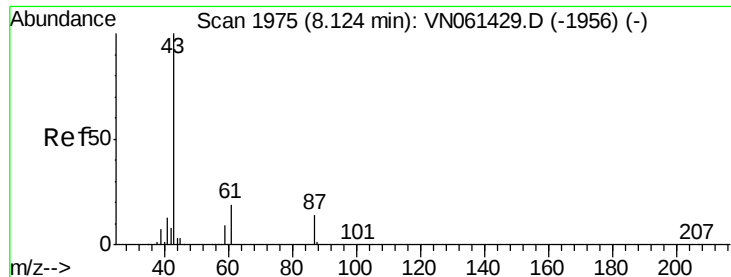
#35
 Dibromofluoromethane
 Concen: 50.223 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061531.D
 Acq: 21 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.6	121.0
192	17.8	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: 9.054 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061531.D

Acq: 21 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#05

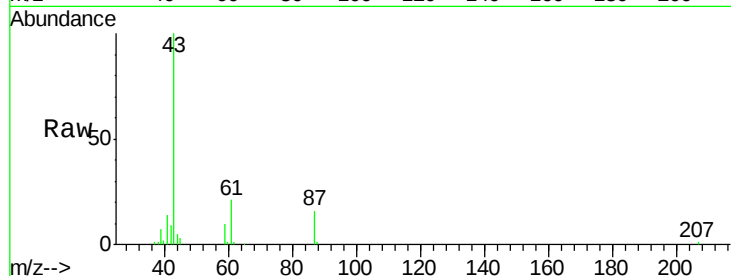
Tot Ion: 43 Resp: 73467

Ion Ratio Lower Upper

43 100

61 21.4 23.0 34.4#

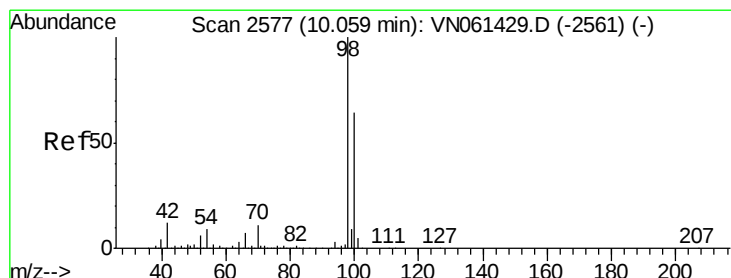
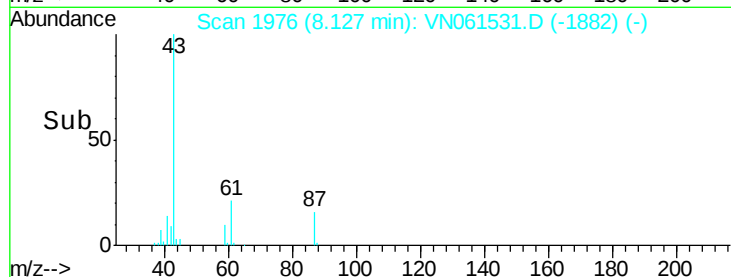
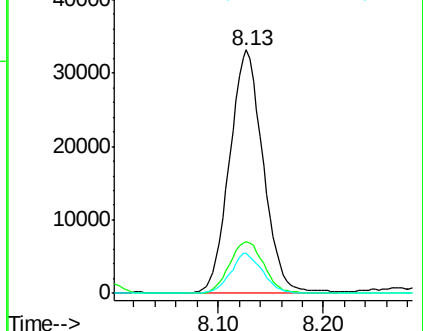
87 15.5 11.6 17.4



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: 50.549 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061531.D

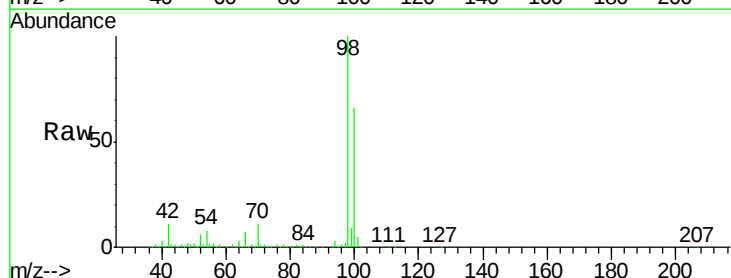
Acq: 21 May 2020 15:27

Tgt Ion: 98 Resp: 673842

Ion Ratio Lower Upper

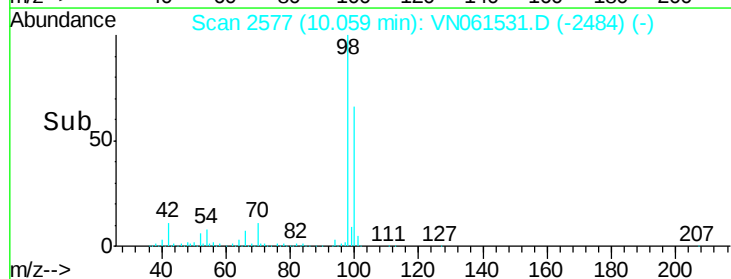
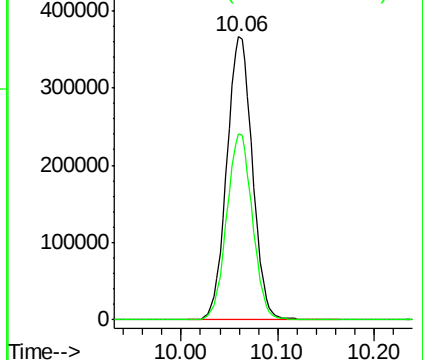
98 100

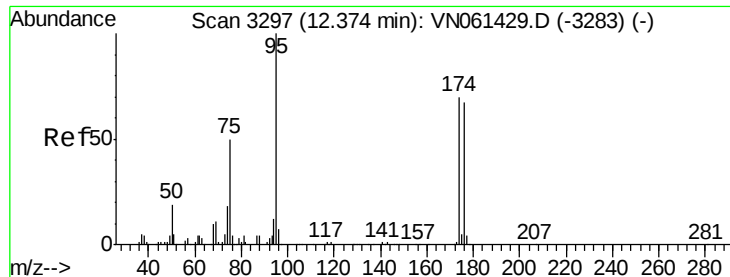
100 65.9 51.8 77.8



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: 52.568 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061531.D

Acq: 21 May 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#05

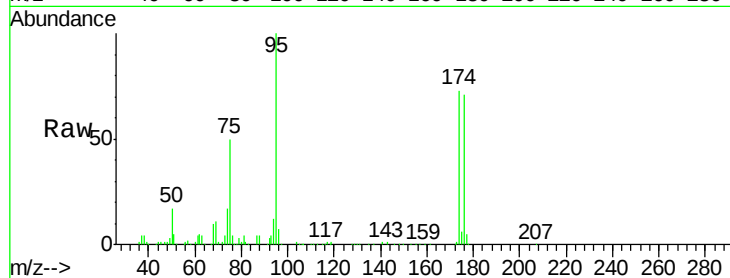
Tot Ion: 95 Resp: 261807

Ion Ratio Lower Upper

95 100

174 75.2 0.0 141.2

176 72.5 0.0 137.6

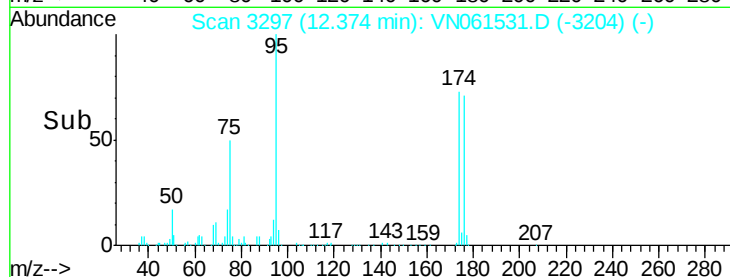


Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)

Time-->

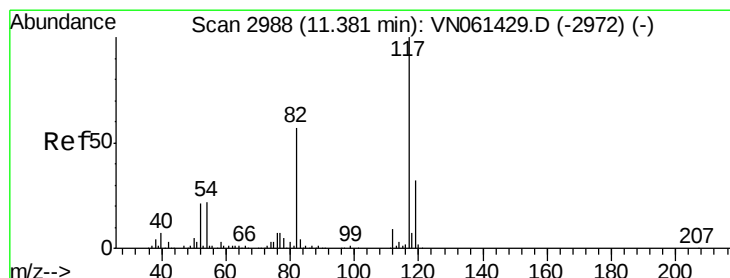


Abundance Ion 94.90 (94.60 to 95.60): VN061531.D (-3204) (-)

Ion 173.80 (173.50 to 174.50): VN061531.D (-3204) (-)

Ion 175.80 (175.50 to 176.50): VN061531.D (-3204) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061531.D

Acq: 21 May 2020 15:27

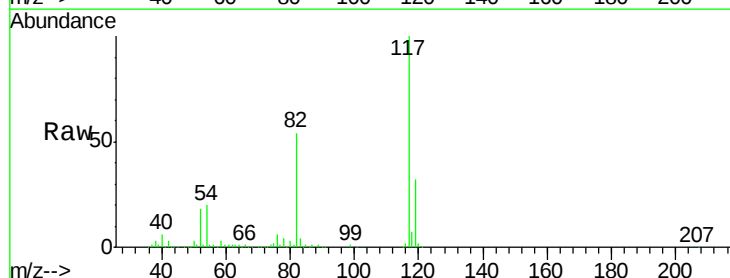
Tgt Ion: 117 Resp: 553490

Ion Ratio Lower Upper

117 100

82 54.2 45.2 67.8

119 32.4 25.3 37.9

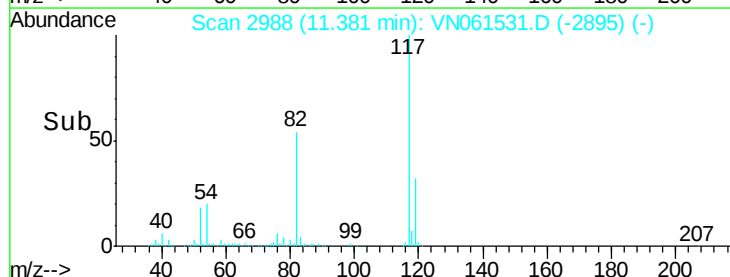


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)

Time-->

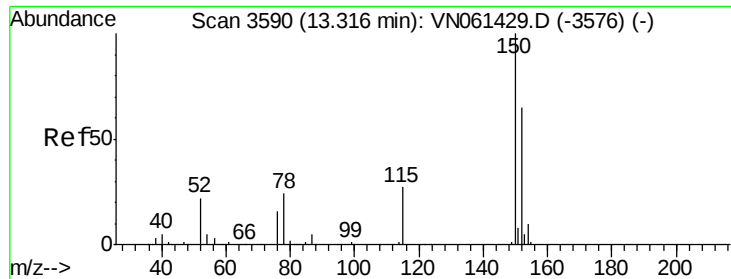


Abundance Ion 116.90 (116.60 to 117.60): VN061531.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061531.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061531.D (-2895) (-)

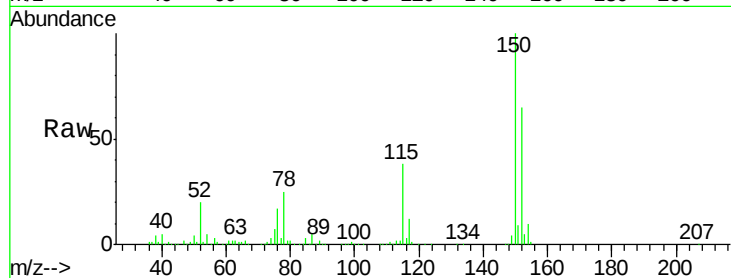
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN061531.D
 Acq: 21 May 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#05

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.9	92.5
150	156.4	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

