

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061458.D
 Acq On : 19 May 2020 4:36
 Operator : JC/MD
 Sample : L2506-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-051520

Quant Time: May 19 05:09:31 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

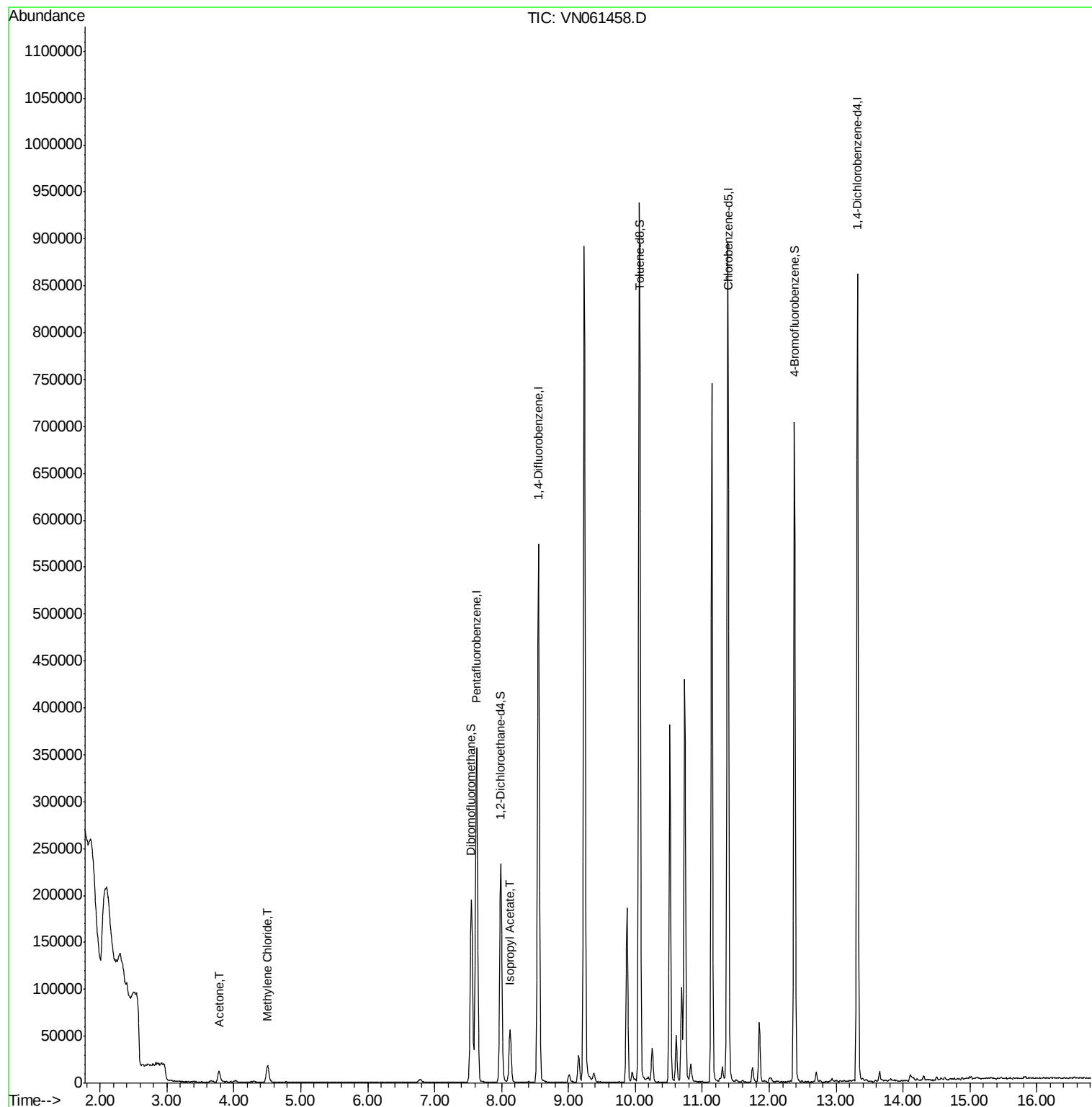
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	514964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	513917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202717	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
35) Dibromofluoromethane	7.55	113	150089	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.26%	
50) Toluene-d8	10.06	98	660148	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.38	95	254507	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
Target Compounds						
16) Acetone	3.78	43	20024	8.115	ug/l	96
20) Methylene Chloride	4.51	84	13409	3.999	ug/l	97
43) Isopropyl Acetate	8.13	43	68694	9.019	ug/l #	89

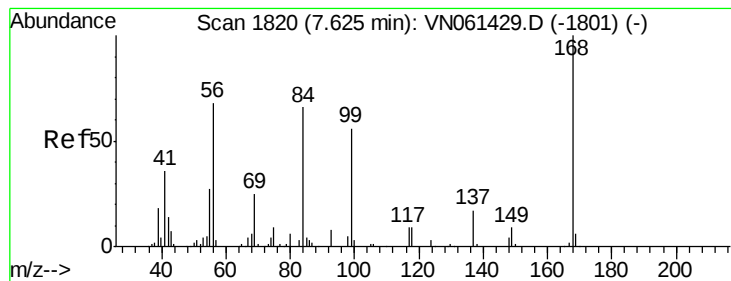
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1820

Delta R.T. -0.00 min

Lab File: VN061458.D

Acq: 19 May 2020 4:36

Instrument :

MSVOA_N

ClientSampleId :

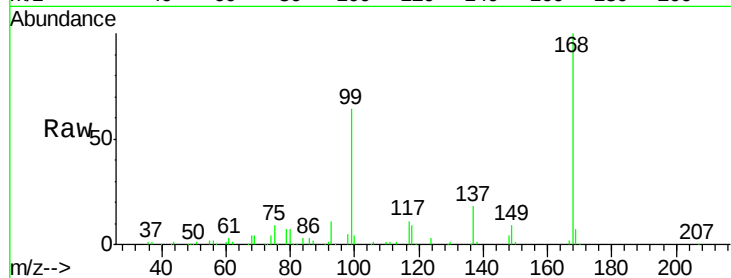
TR-05-051520

Tot Ion:168 Resp: 273364

Ion Ratio Lower Upper

168 100

99 64.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

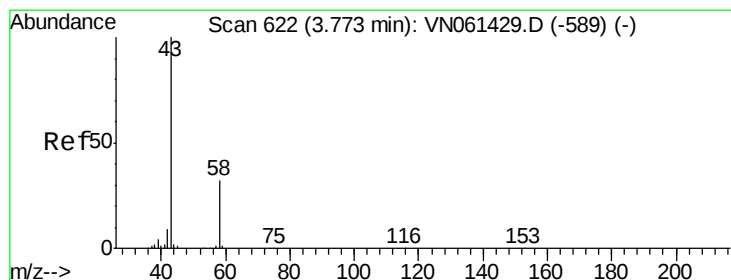
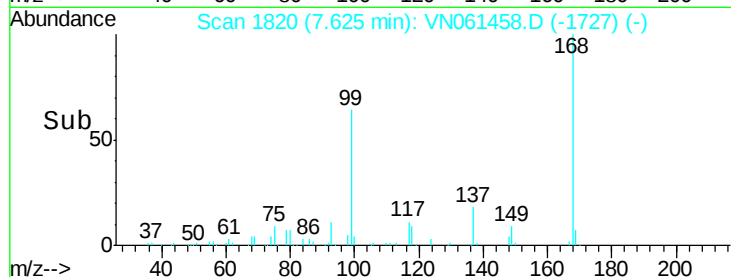
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.115 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061458.D

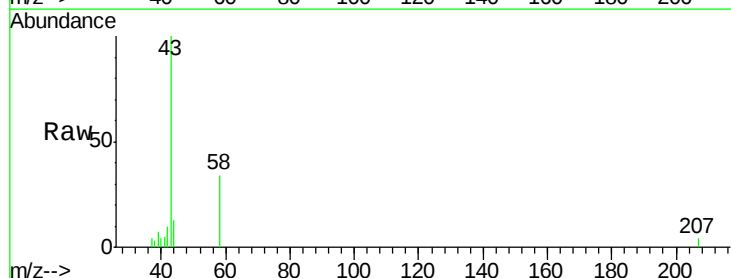
Acq: 19 May 2020 4:36

Tgt Ion: 43 Resp: 20024

Ion Ratio Lower Upper

43 100

58 34.0 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

8000

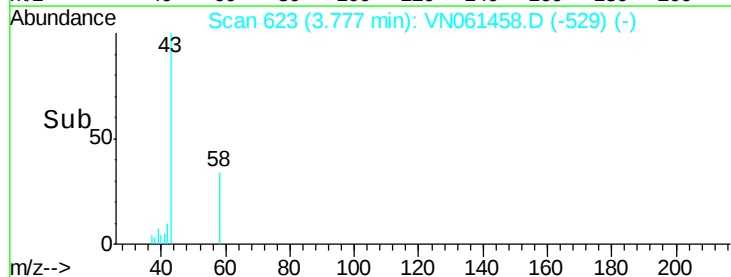
6000

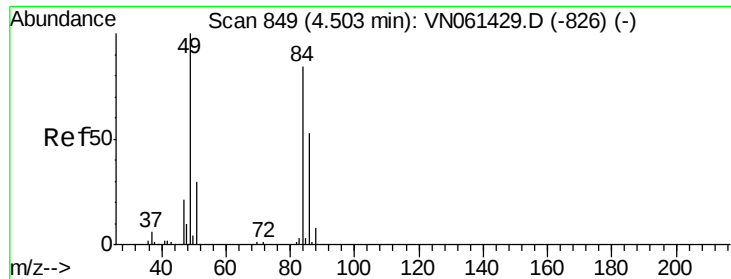
4000

2000

0

Time--> 3.70 3.80 3.90

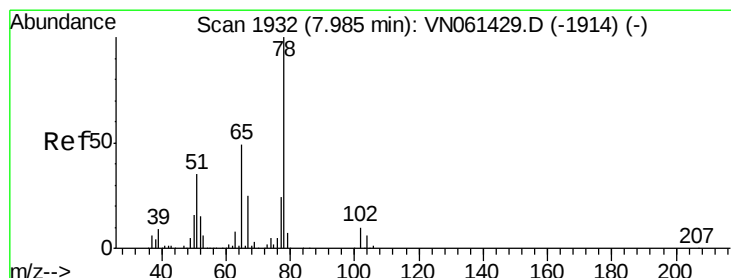
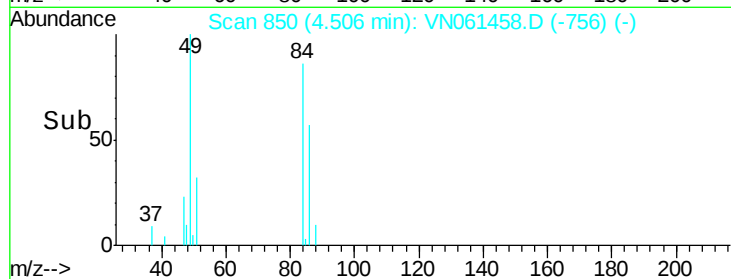
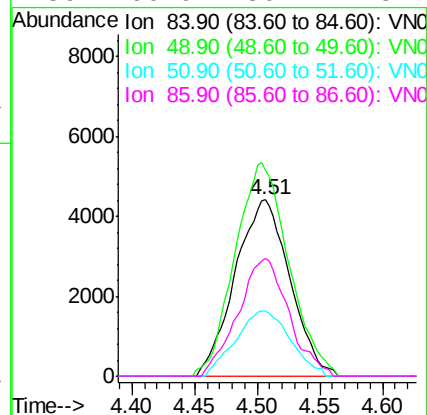
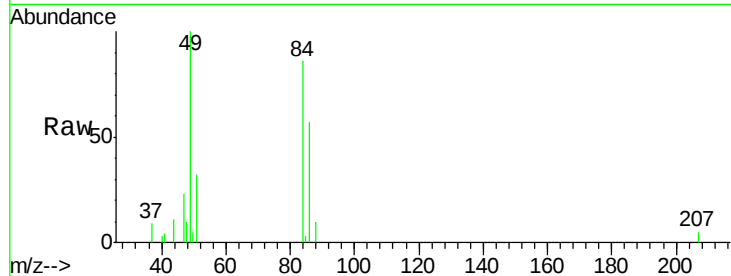




#20
Methvlene Chloride
Concen: 3.999 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061458.D
Acq: 19 May 2020 4:36

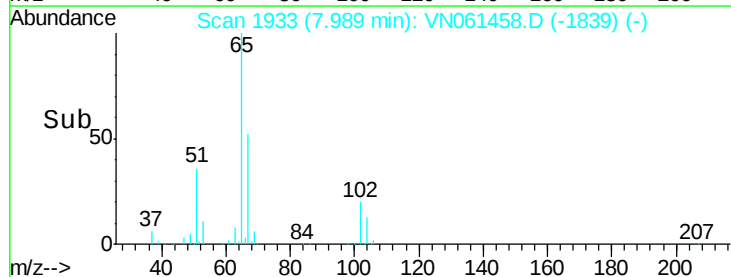
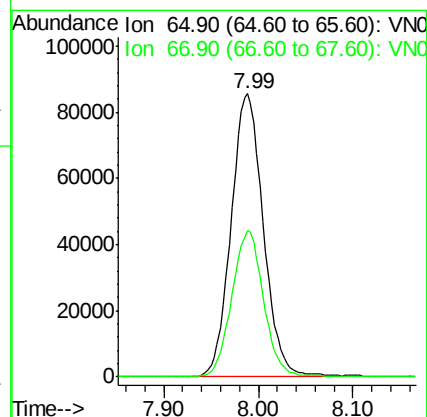
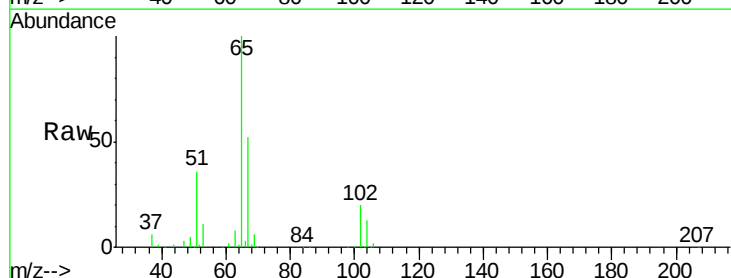
Instrument :
MSVOA_N
ClientSampleId :
TR-05-051520

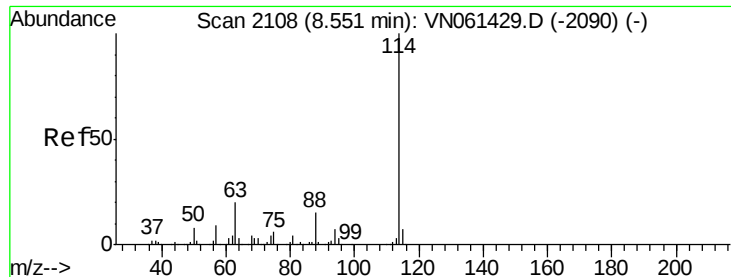
Tot Ion: 84 Resp: 13409
Ion Ratio Lower Upper
84 100
49 116.9 95.3 142.9
51 37.2 29.0 43.6
86 66.9 50.2 75.2



#33
1,2-Dichloroethane-d4
Concen: 49.688 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061458.D
Acq: 19 May 2020 4:36

Tgt Ion: 65 Resp: 202717
Ion Ratio Lower Upper
65 100
67 50.8 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: VN061458.D

Acq: 19 May 2020 4:36

Instrument :

MSVOA_N

ClientSampleId :

TR-05-051520

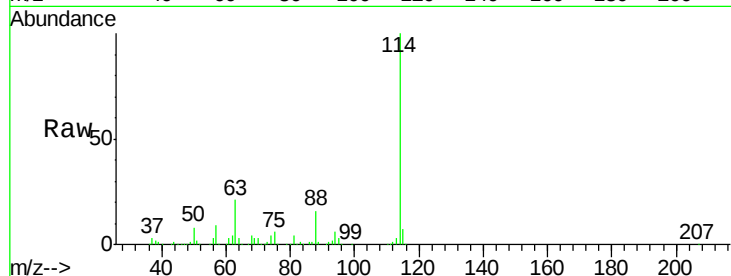
Tot Ion:114 Resp: 514964

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

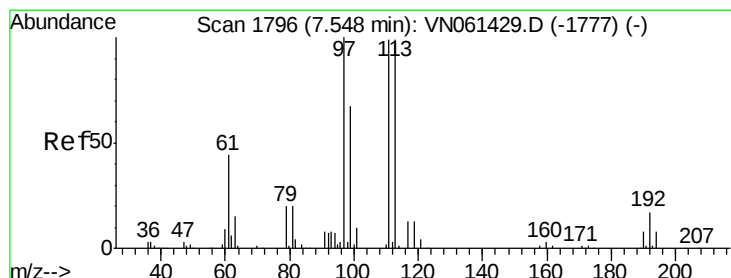
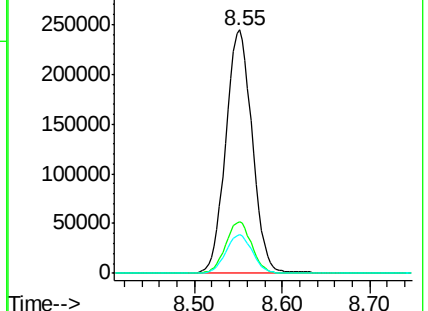
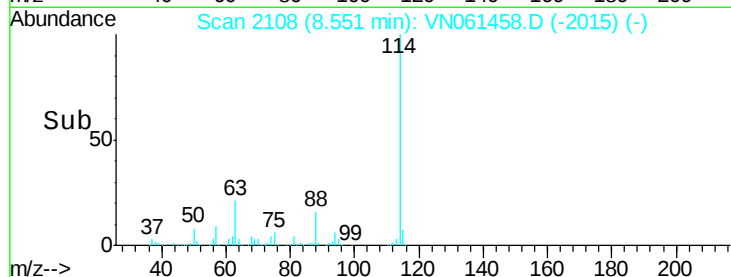
88 16.0 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 55.635 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061458.D

Acq: 19 May 2020 4:36

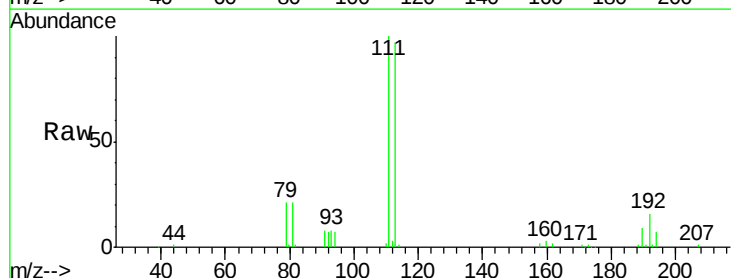
Tgt Ion:113 Resp: 150089

Ion Ratio Lower Upper

113 100

111 103.7 80.6 121.0

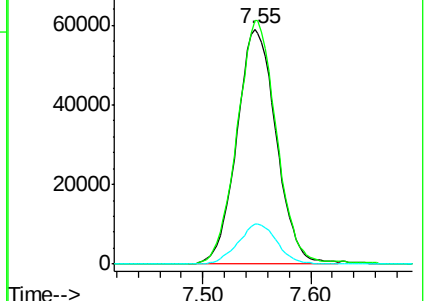
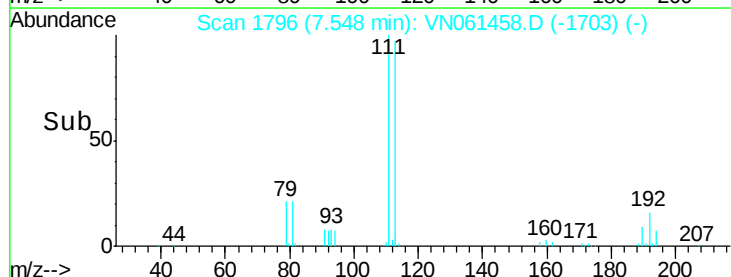
192 16.7 13.2 19.8

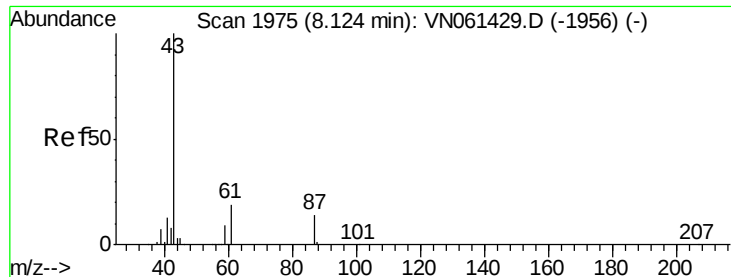


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.019 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061458.D

Acq: 19 May 2020 4:36

Instrument :

MSVOA_N

ClientSampleId :

TR-05-051520

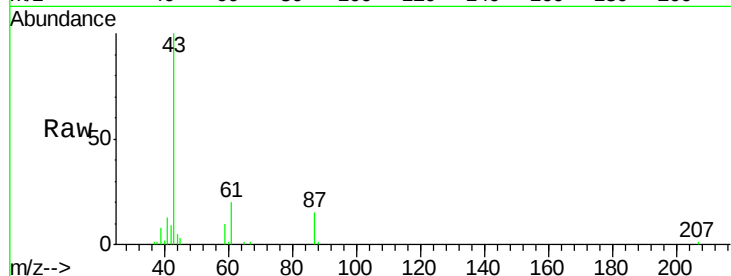
Tot Ion: 43 Resp: 68694

Ion Ratio Lower Upper

43 100

61 20.8 23.0 34.4#

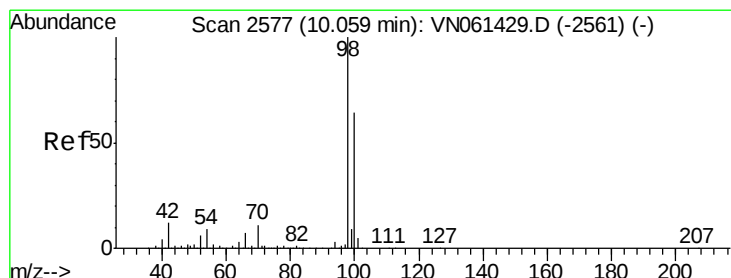
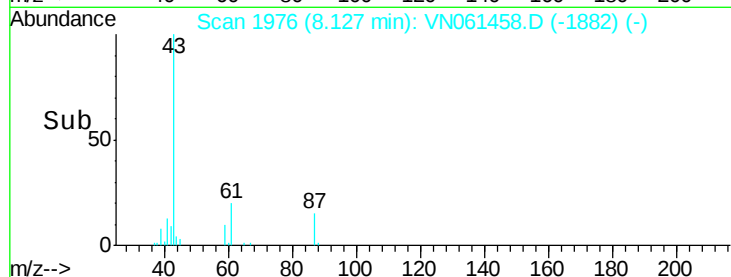
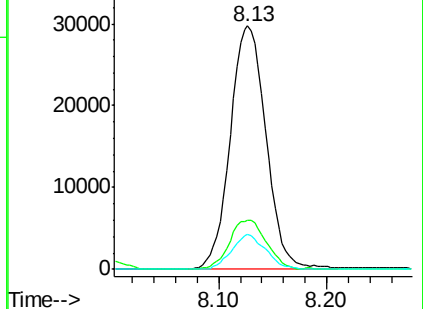
87 13.5 11.6 17.4



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: 52.758 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN061458.D

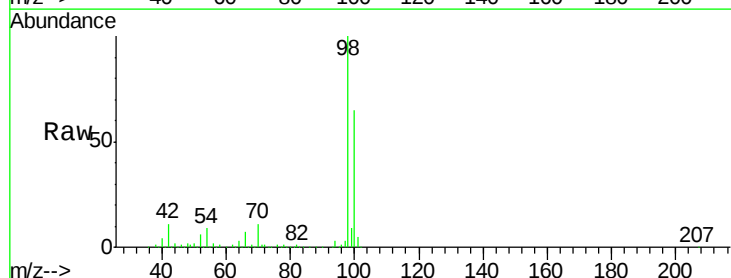
Acq: 19 May 2020 4:36

Tgt Ion: 98 Resp: 660148

Ion Ratio Lower Upper

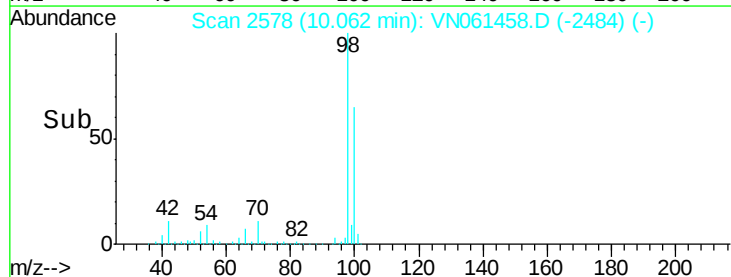
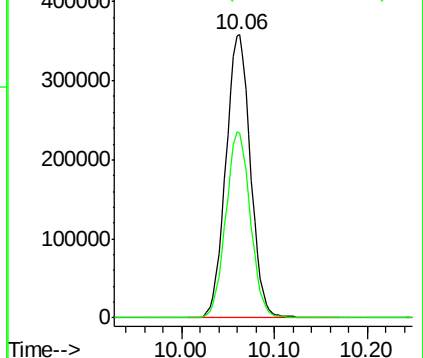
98 100

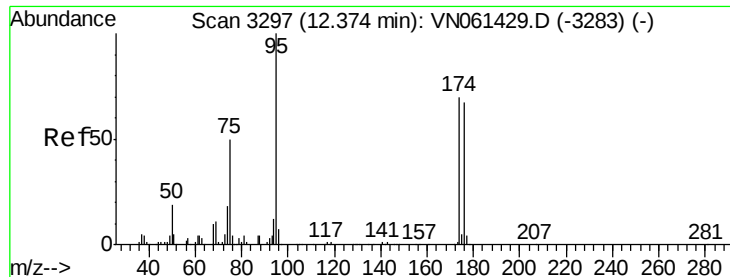
100 65.2 51.8 77.8



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

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

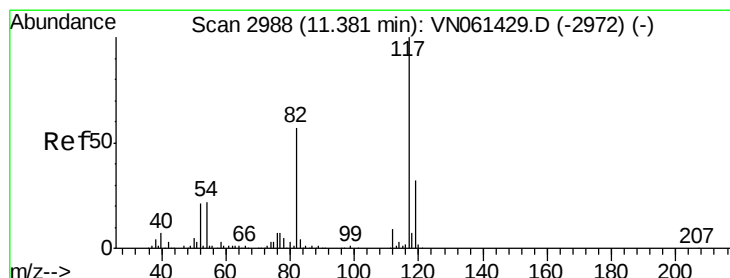
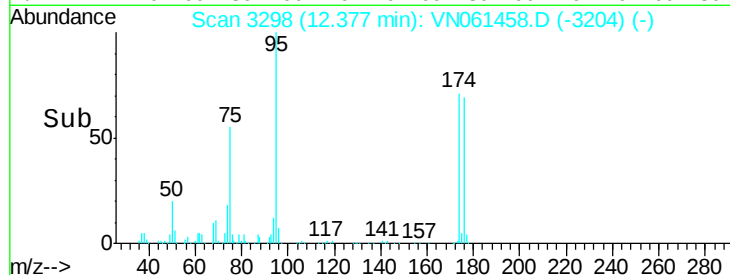
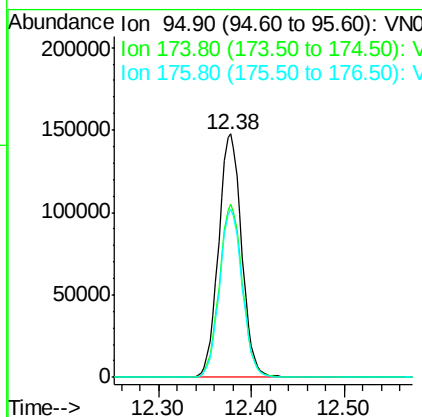
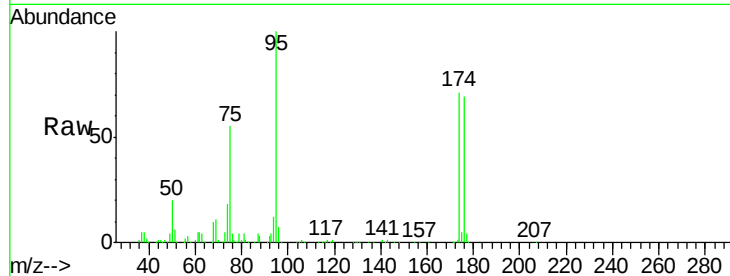




#62
 4-Bromofluorobenzene
 Concen: 54.441 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061458.D
 Acq: 19 May 2020 4:36

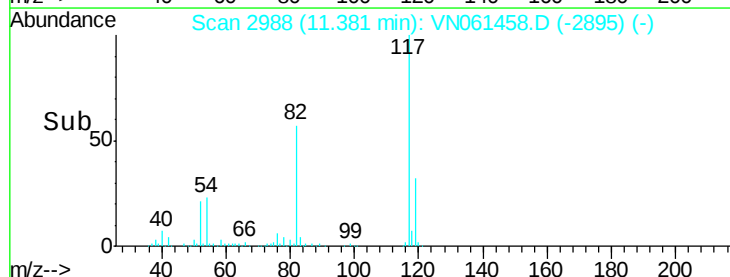
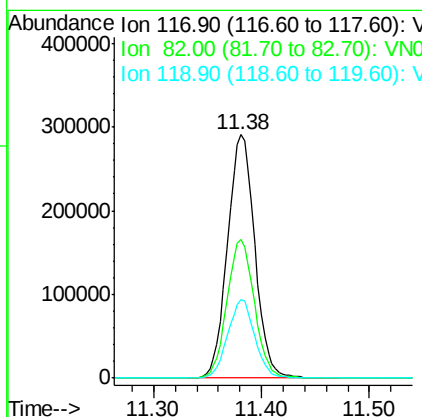
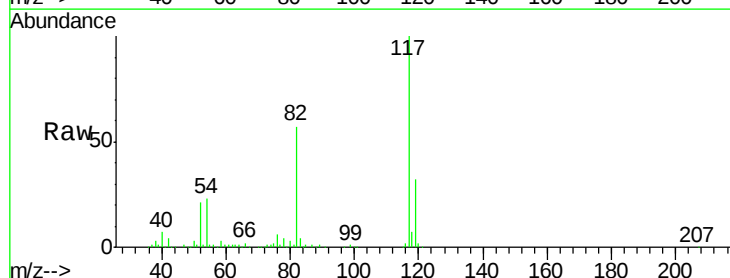
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-051520

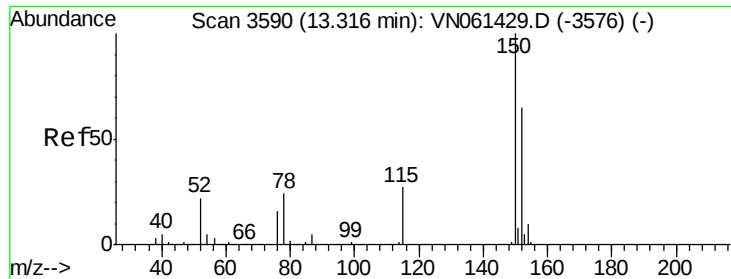
Tot Ion	95	Resp	254507
Ion Ratio	Lower	Upper	
95	100		
174	71.1	0.0	141.2
176	68.4	0.0	137.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061458.D
 Acq: 19 May 2020 4:36

Tgt Ion	117	Resp	513917
Ion Ratio	Lower	Upper	
117	100		
82	56.7	45.2	67.8
119	32.3	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061458.D

Acq: 19 May 2020 4:36

Instrument :

MSVOA_N

ClientSampleId :

TR-05-051520

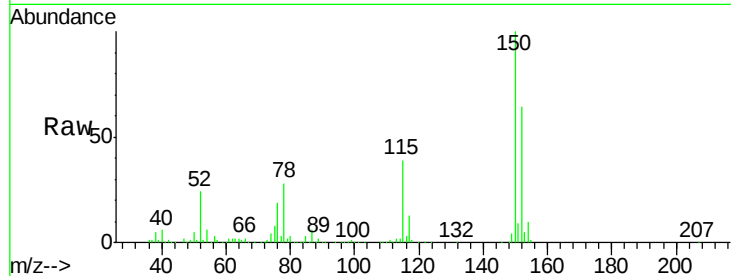
Tot Ion:152 Resp: 221070

Ion Ratio Lower Upper

152 100

115 61.5 30.9 92.5

150 158.4 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

