

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061463.D
 Acq On : 19 May 2020 6:33
 Operator : JC/MD
 Sample : PB128923ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128923ZHE#03

Quant Time: May 19 07:42:34 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

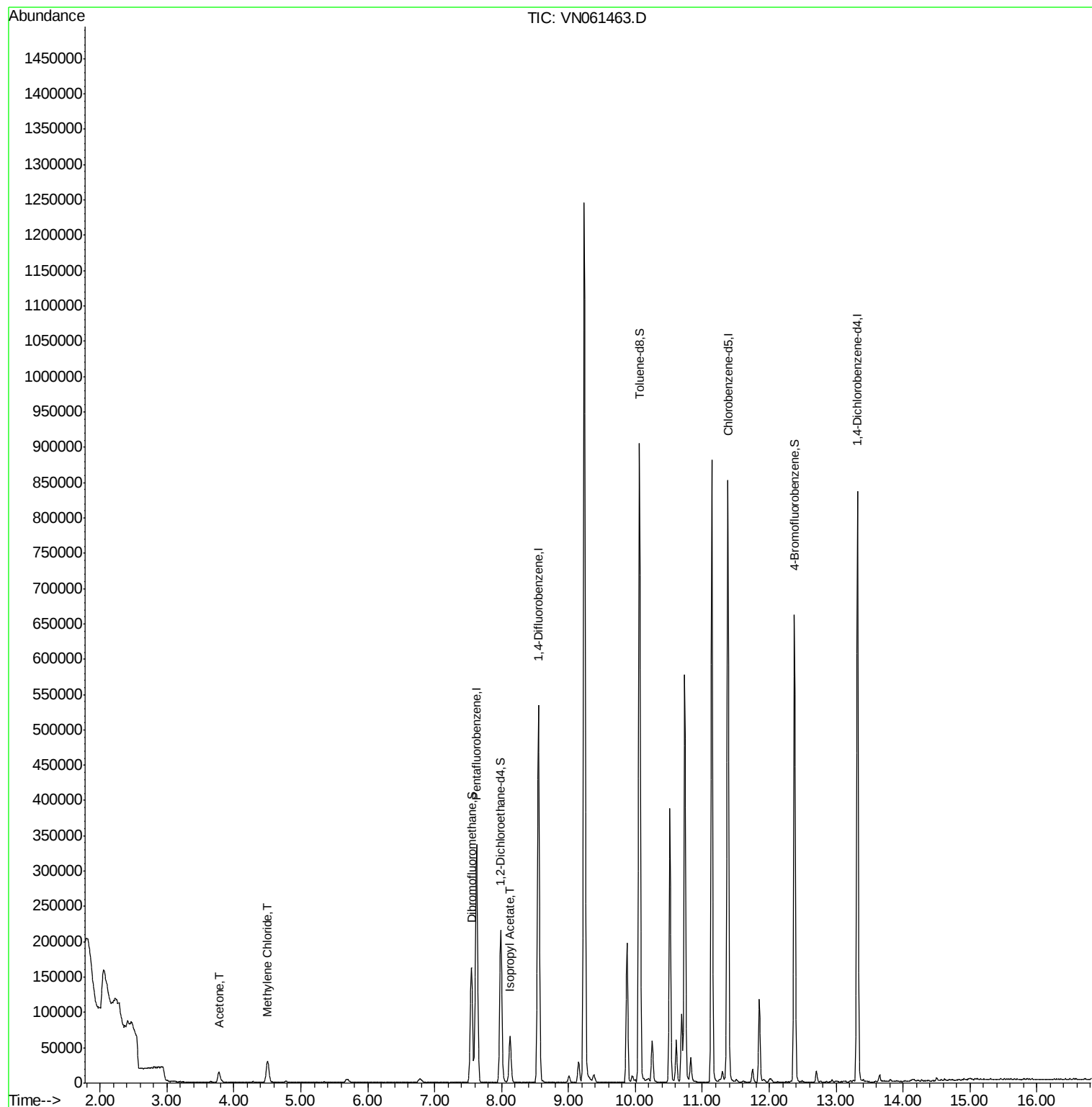
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	258078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	476767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	481985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187777	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
35) Dibromofluoromethane	7.55	113	125205	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.06	98	612734	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.38	95	236358	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
Target Compounds						
16) Acetone	3.78	43	24865	14.454	ug/l	99
20) Methylene Chloride	4.50	84	22887	7.230	ug/l	95
43) Isopropyl Acetate	8.13	43	74700	10.594	ug/l #	91

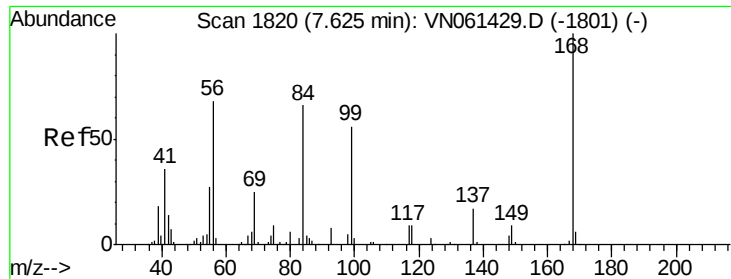
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061463.D

Acq: 19 May 2020 6:33

Instrument :

MSVOA_N

ClientSampleId :

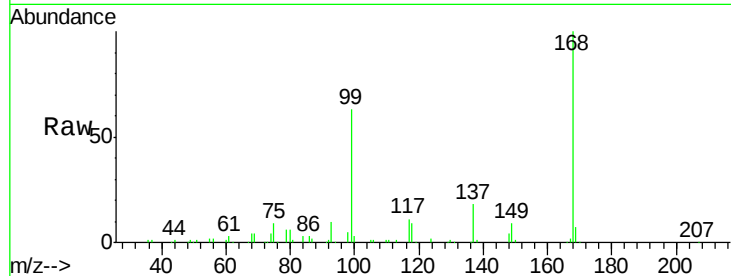
PB128923ZHE#03

Tot Ion:168 Resp: 258078

Ion Ratio Lower Upper

168 100

99 63.5 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

120000

100000

80000

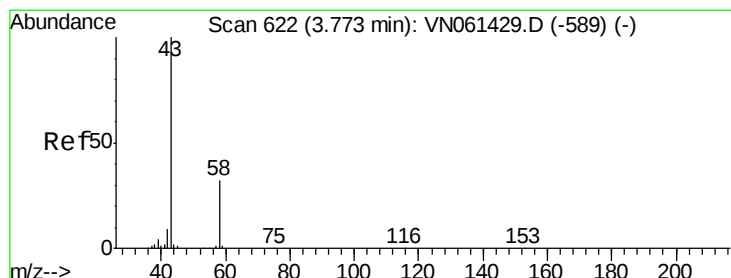
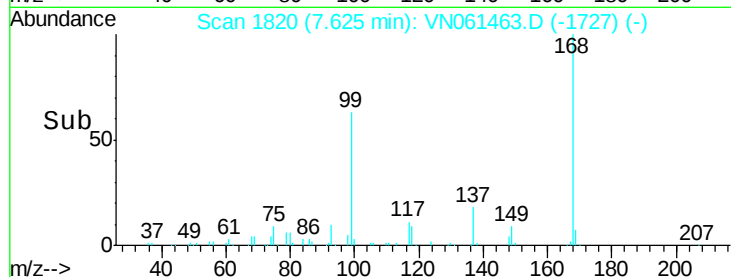
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 14.454 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061463.D

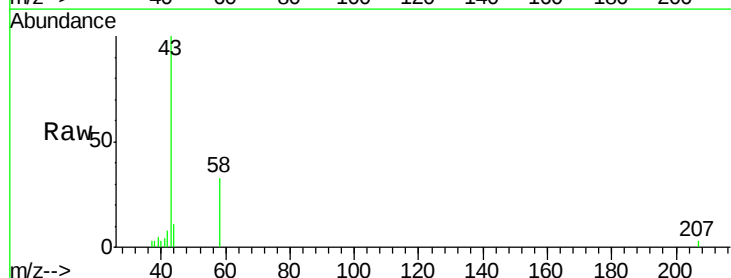
Acq: 19 May 2020 6:33

Tgt Ion: 43 Resp: 24865

Ion Ratio Lower Upper

43 100

58 32.6 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

10000

8000

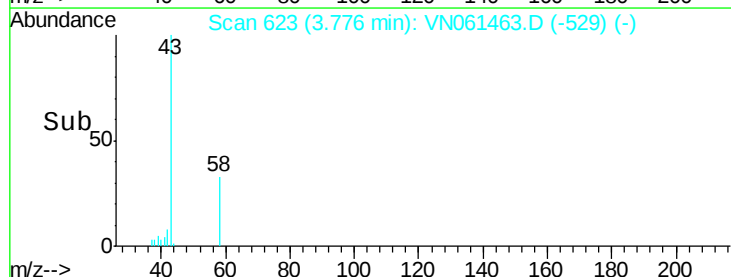
6000

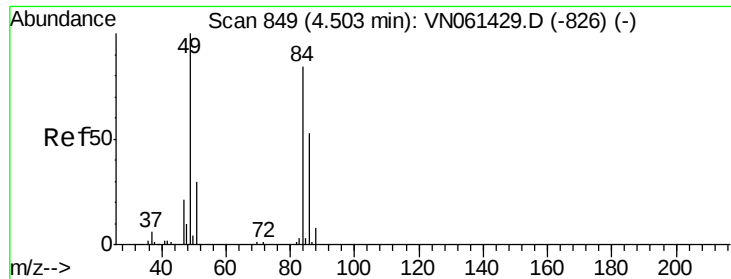
4000

2000

0

Time--> 3.70 3.80 3.90

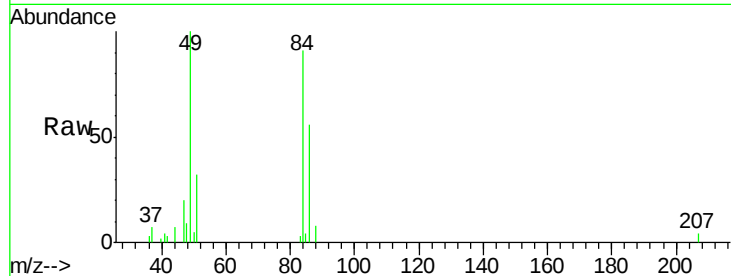




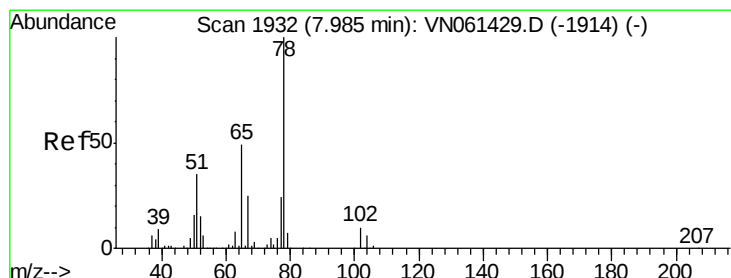
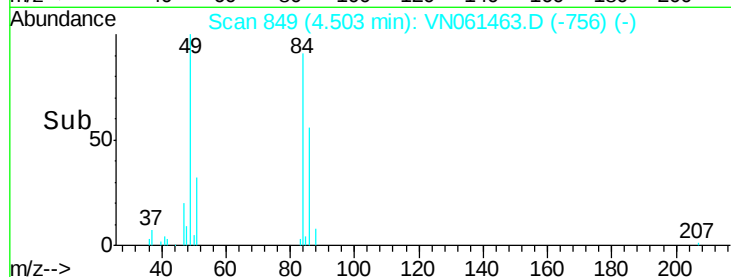
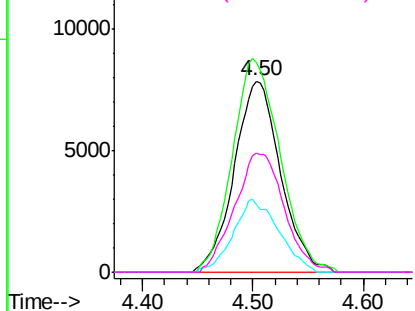
#20
Methvlene Chloride
Concen: 7.230 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN061463.D
Acq: 19 May 2020 6:33

Instrument :
MSVOA_N
ClientSampleId :
PB128923ZHE#03

Tot Ion:	84	Resp:	22887
Ion	Ratio	Lower	Upper
84	100		
49	109.9	95.3	142.9
51	35.5	29.0	43.6
86	62.0	50.2	75.2

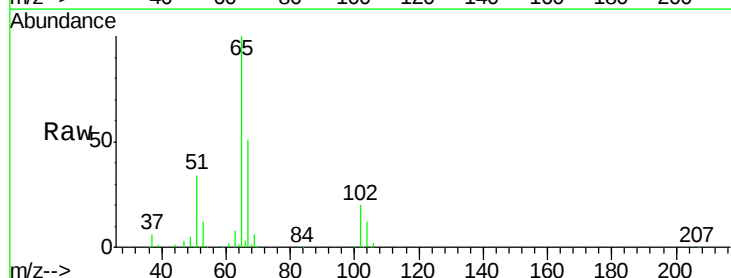


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

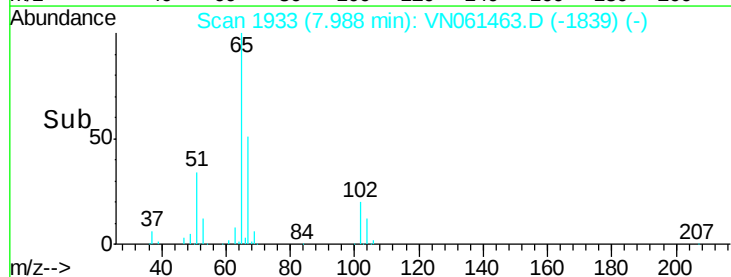
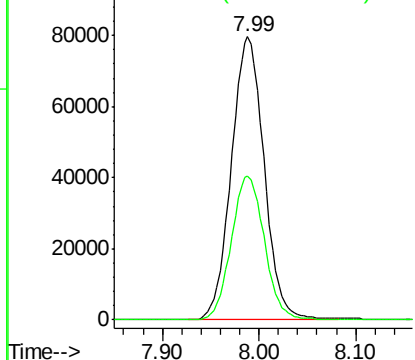


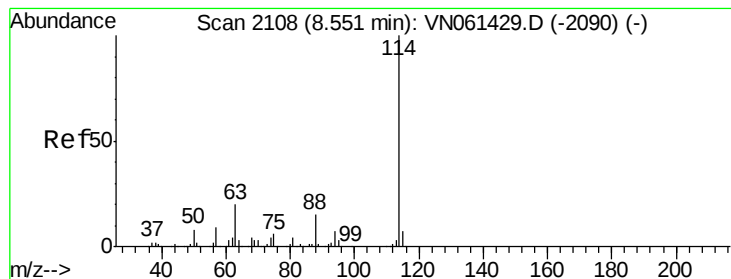
#33
1,2-Dichloroethane-d4
Concen: 48.752 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061463.D
Acq: 19 May 2020 6:33

Tgt Ion:	65	Resp:	187777
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: VN061463.D

Acq: 19 May 2020 6:33

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#03

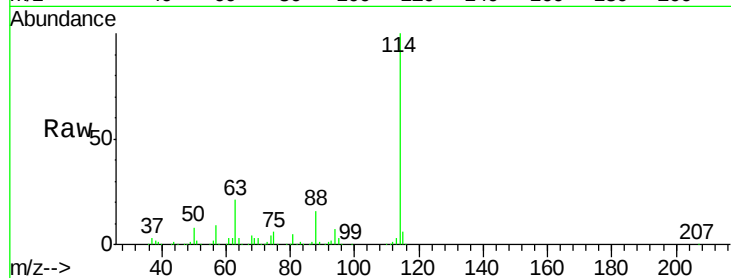
Tot Ion:114 Resp: 476767

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

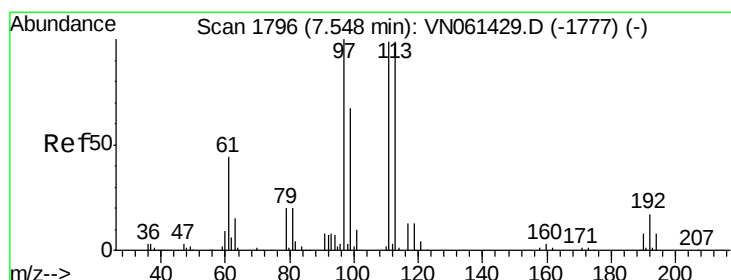
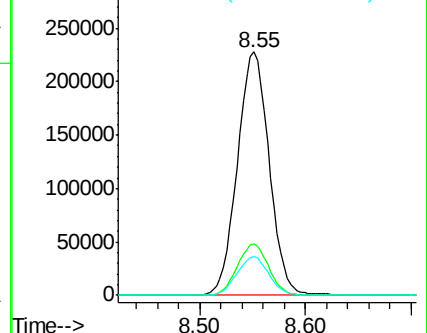
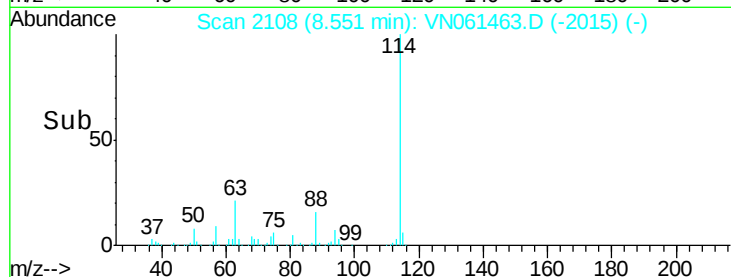
88 15.9 0.0 30.8



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: 50.129 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061463.D

Acq: 19 May 2020 6:33

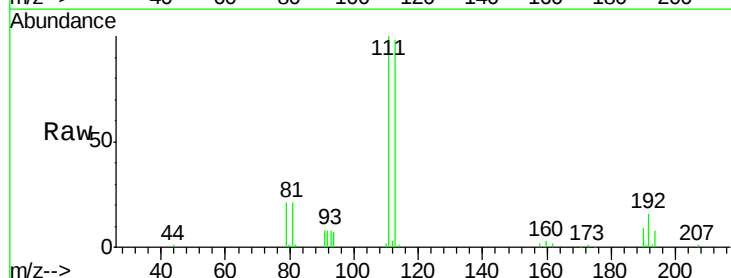
Tgt Ion:113 Resp: 125205

Ion Ratio Lower Upper

113 100

111 103.2 80.6 121.0

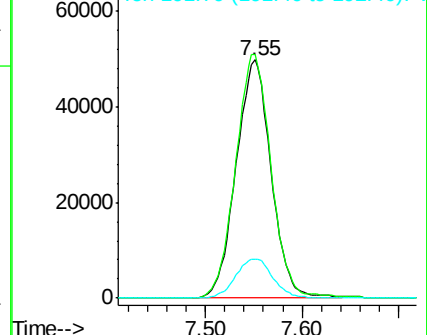
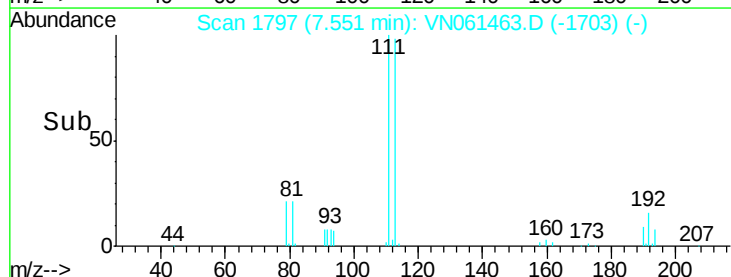
192 17.3 13.2 19.8

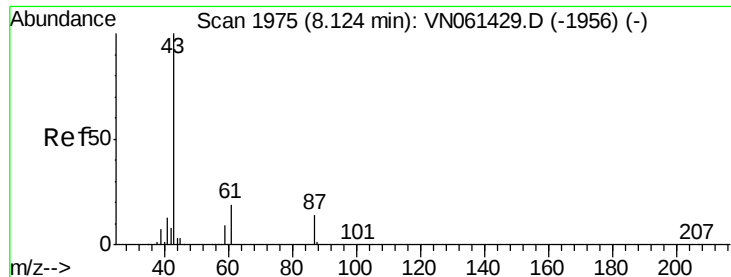


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.594 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061463.D

Acq: 19 May 2020 6:33

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#03

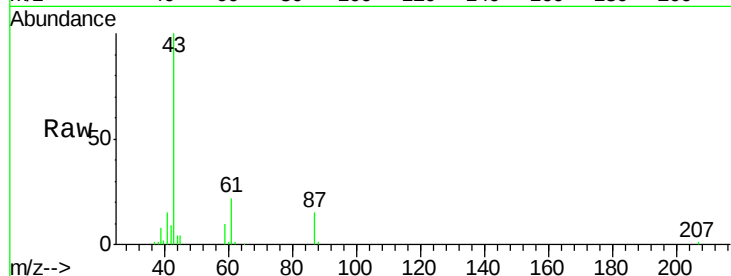
Tot Ion: 43 Resp: 74700

Ion Ratio Lower Upper

43 100

61 21.3 23.0 34.4#

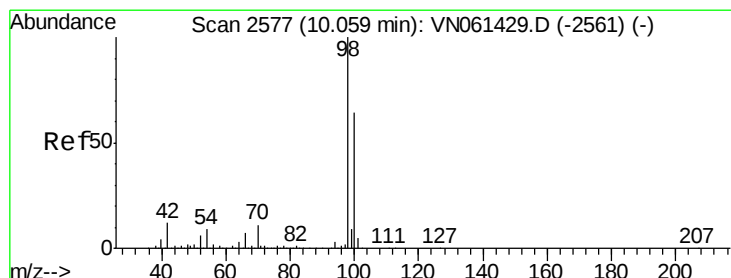
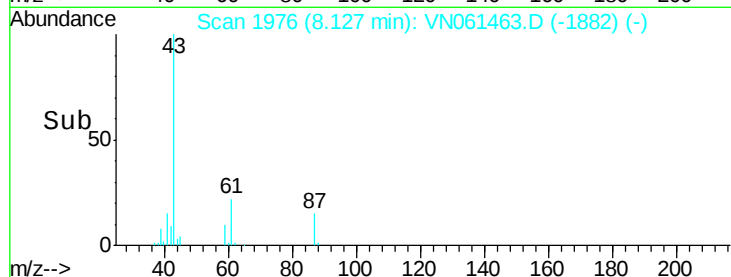
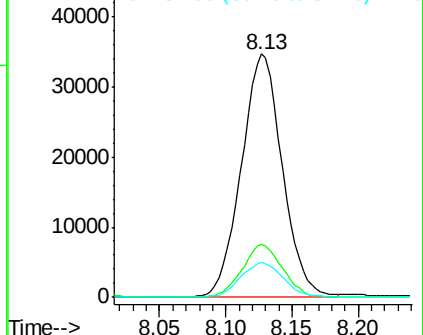
87 14.8 11.6 17.4



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: 52.892 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061463.D

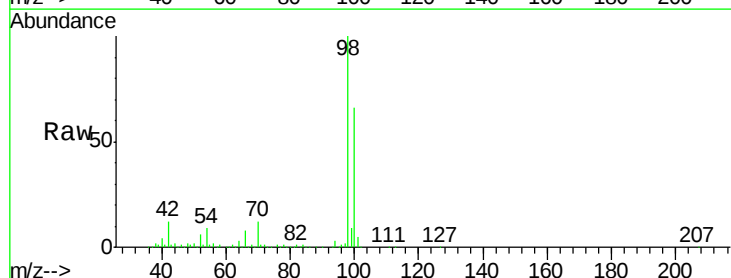
Acq: 19 May 2020 6:33

Tgt Ion: 98 Resp: 612734

Ion Ratio Lower Upper

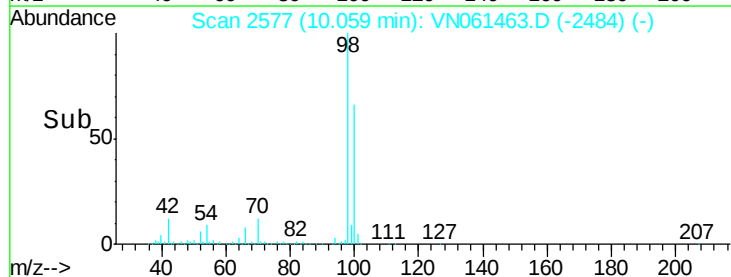
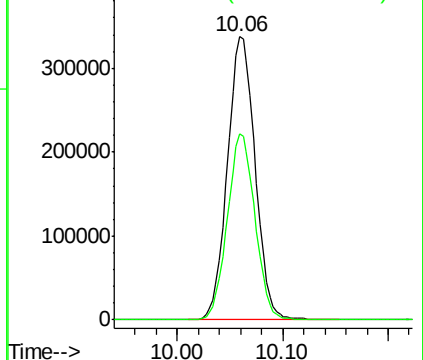
98 100

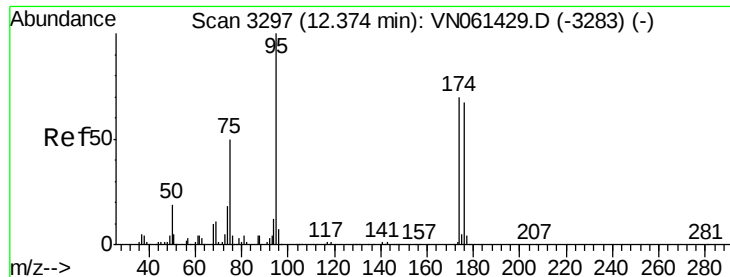
100 65.6 51.8 77.8



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

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

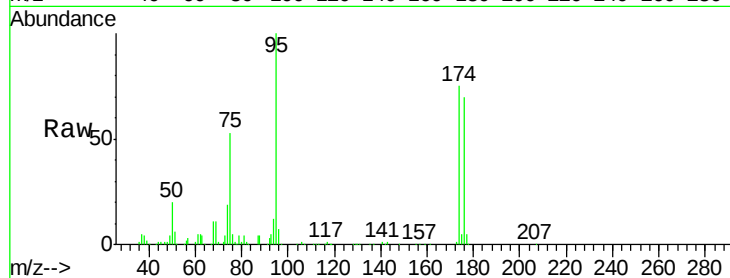




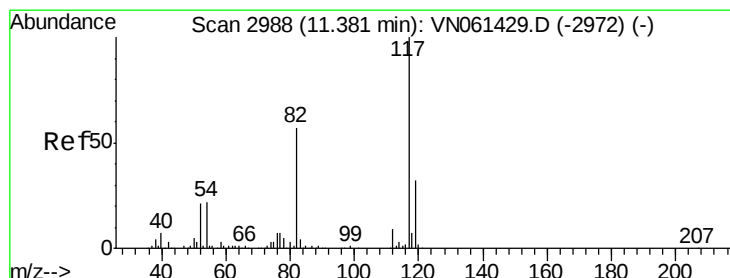
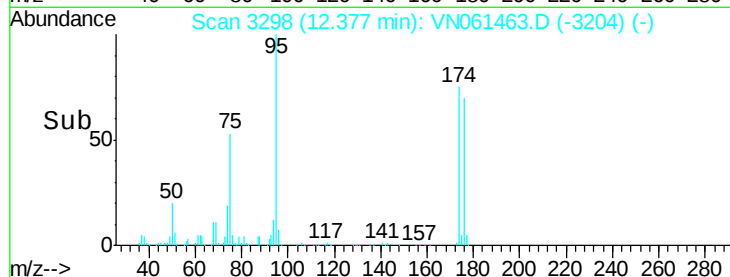
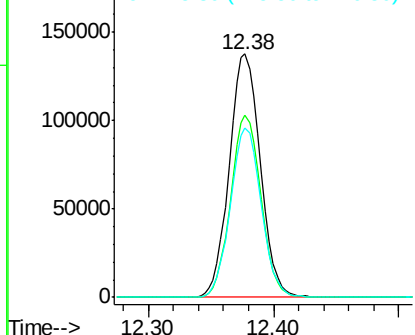
#62
4-Bromofluorobenzene
Concen: 54.610 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061463.D
Acq: 19 May 2020 6:33

Instrument :
MSVOA_N
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PB128923ZHE#03

Tot Ion: 95 Resp: 236358
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.2
176 69.2 0.0 137.6

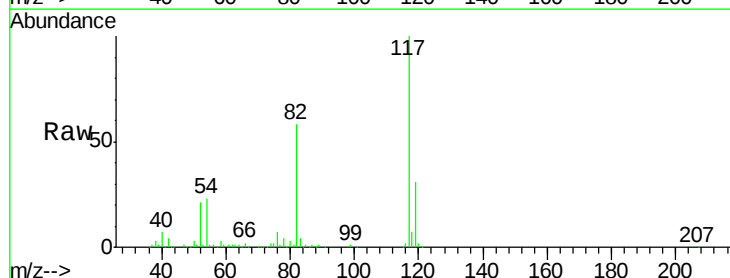


Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)
Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)
Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)

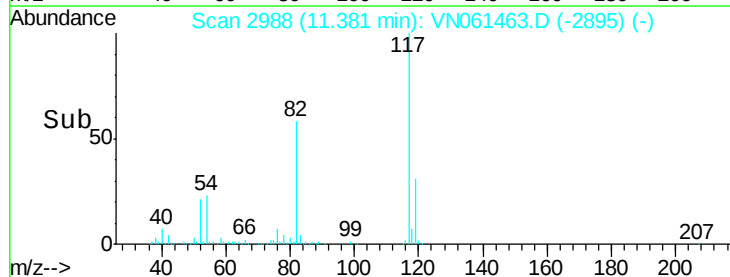
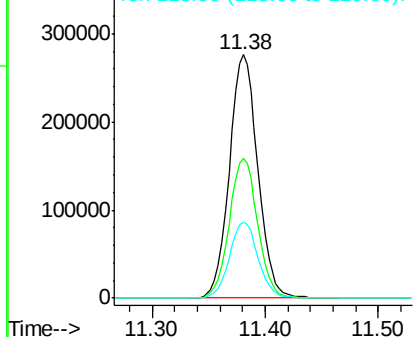


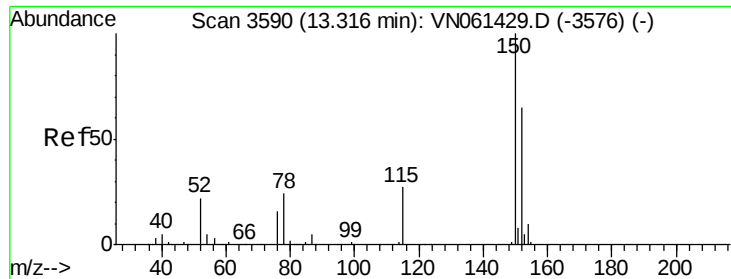
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061463.D
Acq: 19 May 2020 6:33

Tgt Ion: 117 Resp: 481985
Ion Ratio Lower Upper
117 100
82 57.7 45.2 67.8
119 31.4 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) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061463.D

Acq: 19 May 2020 6:33

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#03

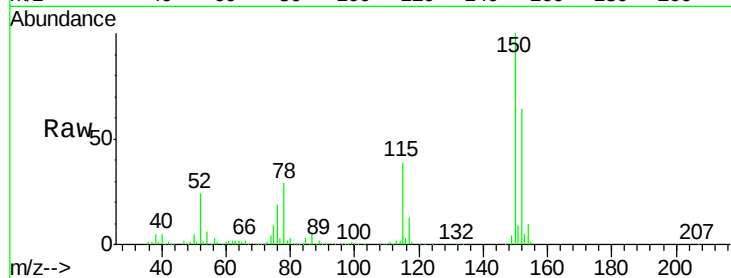
Tot Ion:152 Resp: 214303

Ion Ratio Lower Upper

152 100

115 62.0 30.9 92.5

150 156.3 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

