

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061692.D
 Acq On : 8 Jun 2020 13:47
 Operator : JC/MD
 Sample : L2921-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z1-DUP-0567-200604

Quant Time: Jun 09 03:51:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

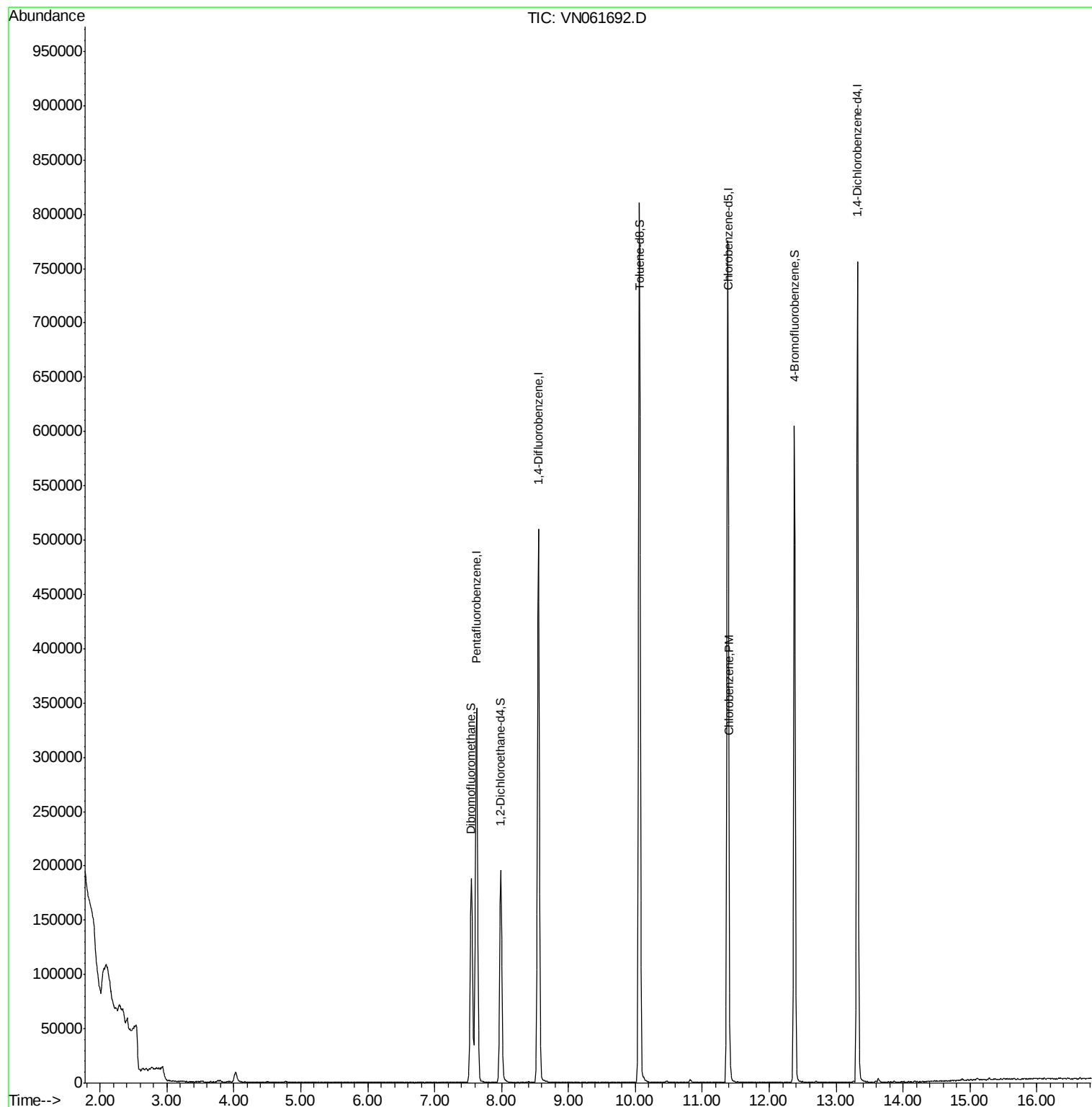
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	300798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	487570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	163908	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
35) Dibromofluoromethane	7.55	113	146530	58.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.20%	
50) Toluene-d8	10.06	98	592803	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.38	95	213047	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
Target Compounds						
65) Chlorobenzene	11.41	112	7528	0.743	ug/l	Qvalue 98

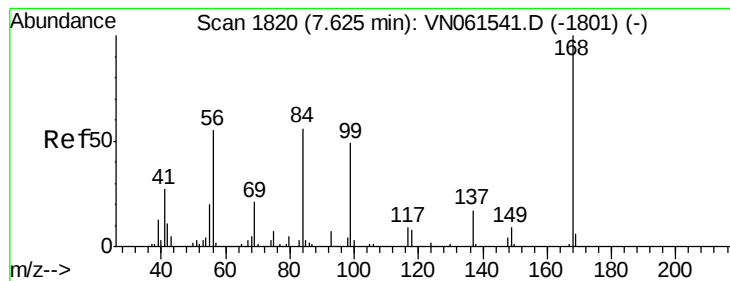
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 02:14:10 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: VN061692.D

Acq: 8 Jun 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

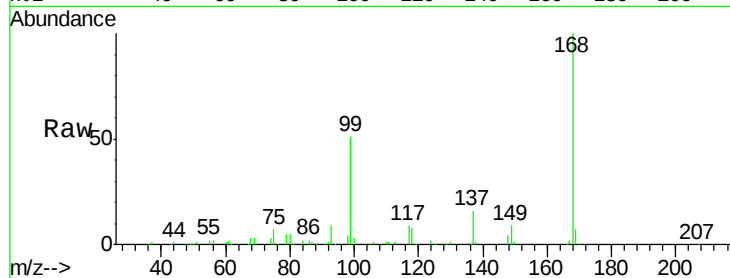
Z1-DUP-0567-200604

Tot Ion:168 Resp: 300798

Ion Ratio Lower Upper

168 100

99 50.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

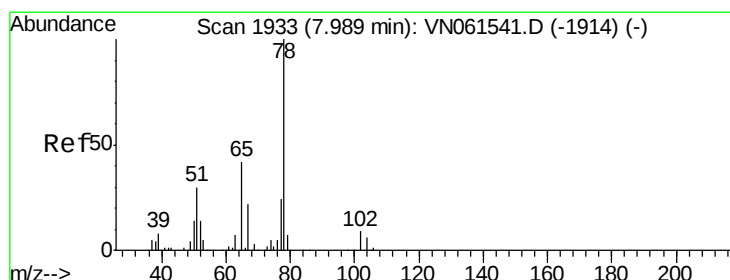
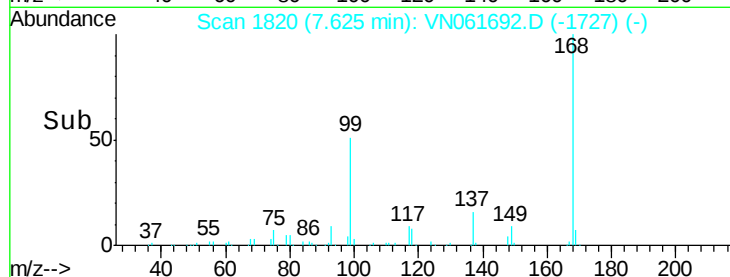
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.736 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061692.D

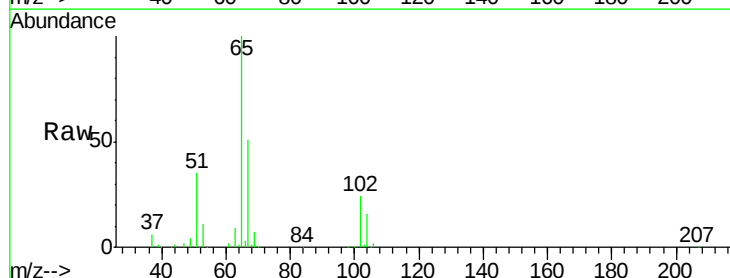
Acq: 8 Jun 2020 13:47

Tgt Ion: 65 Resp: 163908

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

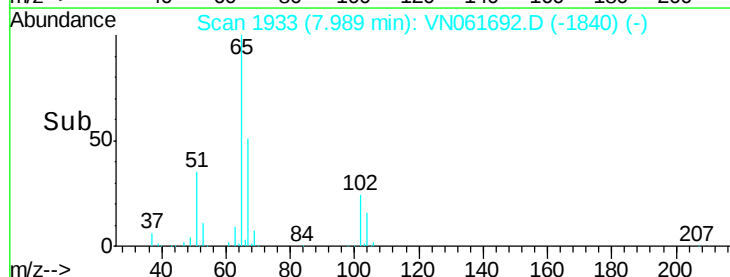
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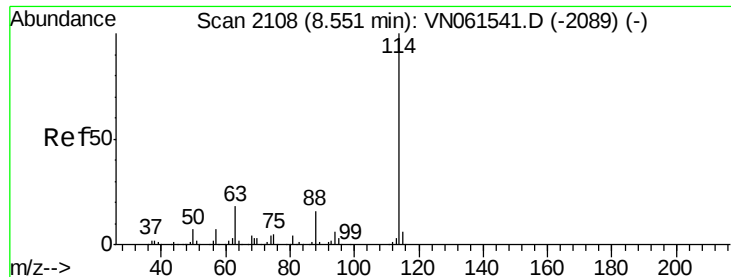
40000

20000

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Time-->

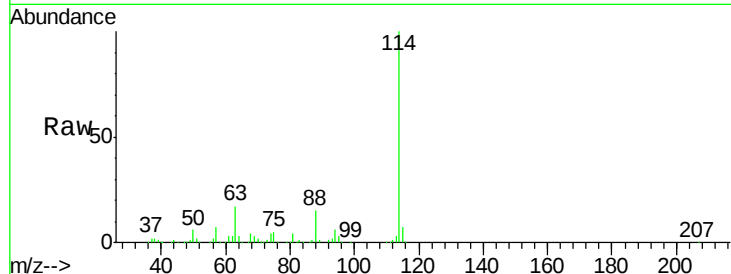




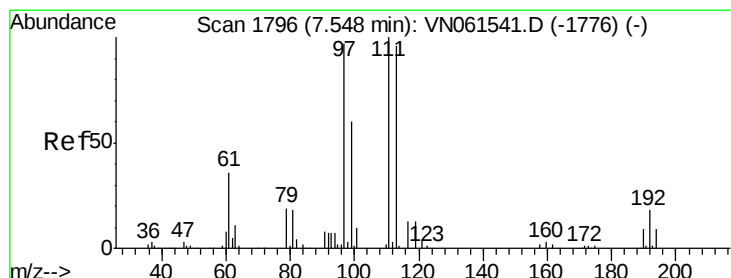
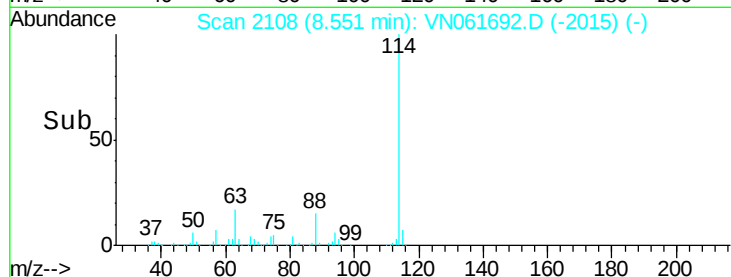
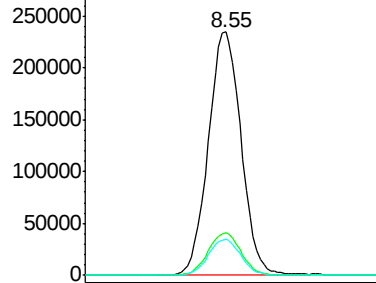
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061692.D
Acq: 8 Jun 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
Z1-DUP-0567-200604

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.8
88	15.0	0.0	31.0

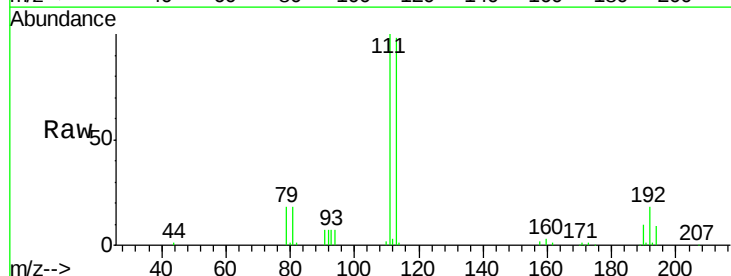


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

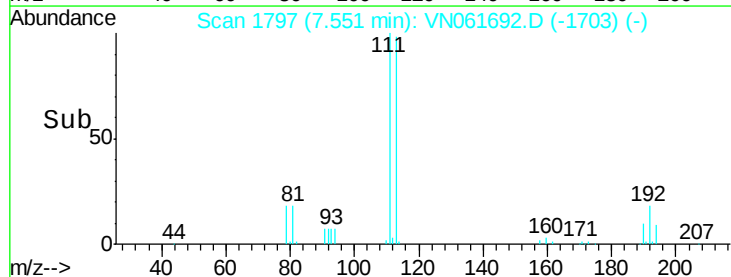
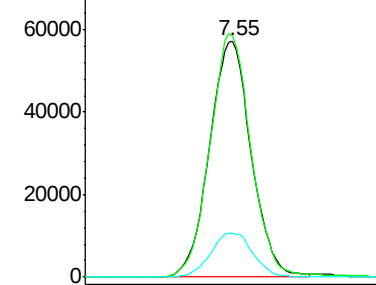


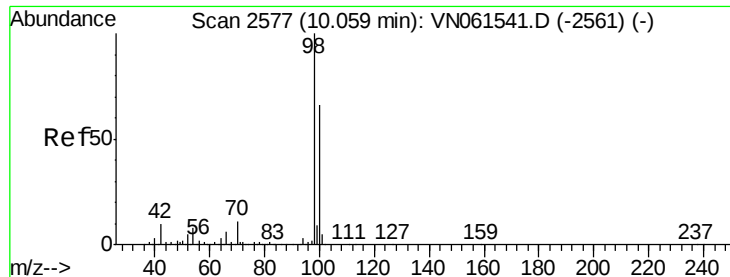
#35
Dibromofluoromethane
Concen: 58.104 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061692.D
Acq: 8 Jun 2020 13:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.0
192	19.0	15.4	23.2



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





#50

Toluene-d8

Concen: 50.725 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061692.D

Acq: 8 Jun 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

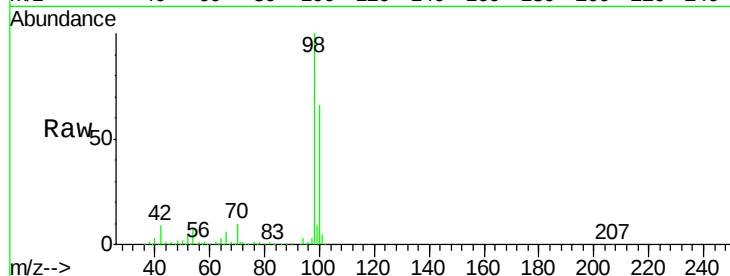
Z1-DUP-0567-200604

Tot Ion: 98 Resp: 592803

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

10.06

300000

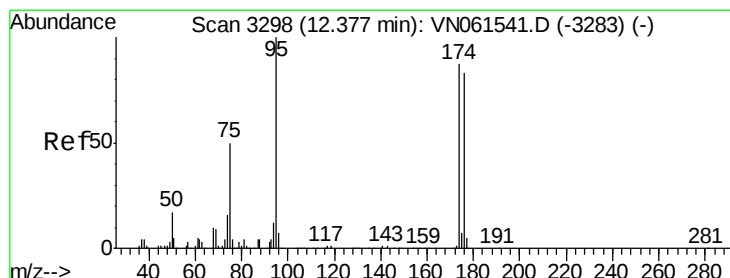
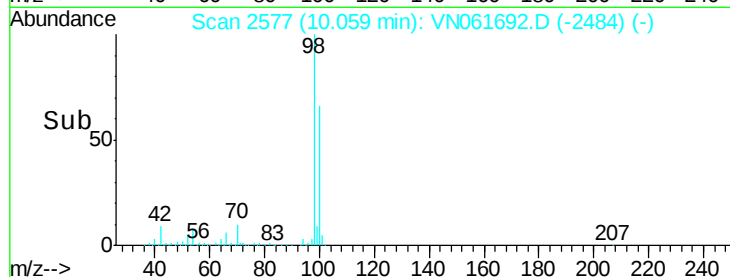
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 49.968 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061692.D

Acq: 8 Jun 2020 13:47

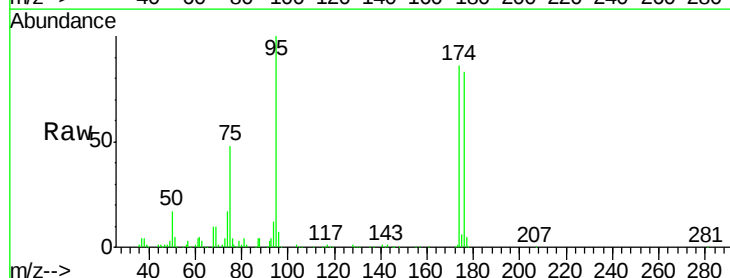
Tgt Ion: 95 Resp: 213047

Ion Ratio Lower Upper

95 100

174 86.0 0.0 172.8

176 82.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

12.38

150000

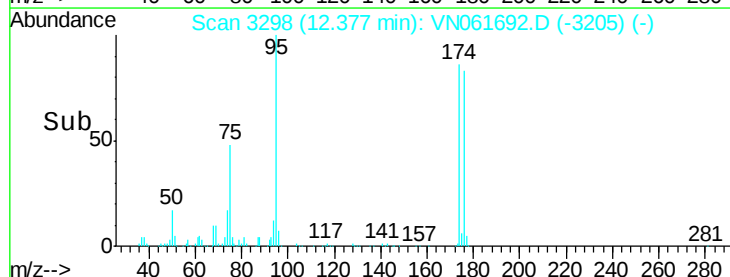
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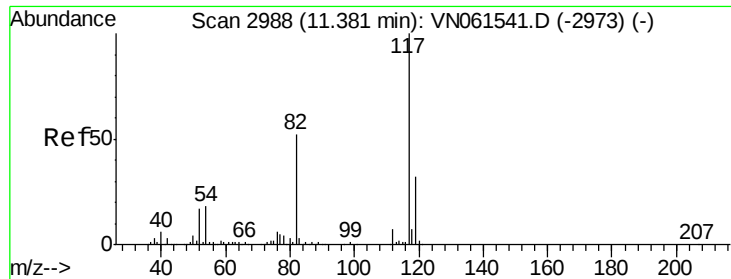
50000

0

12.30 12.40

Time-->

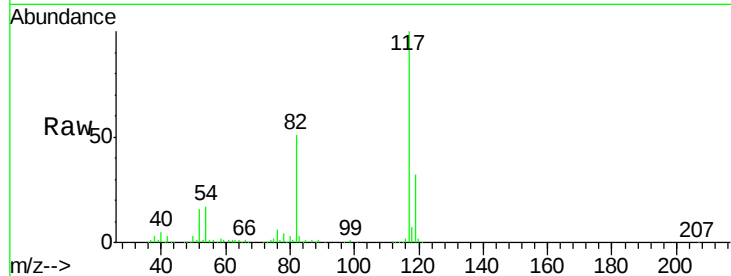




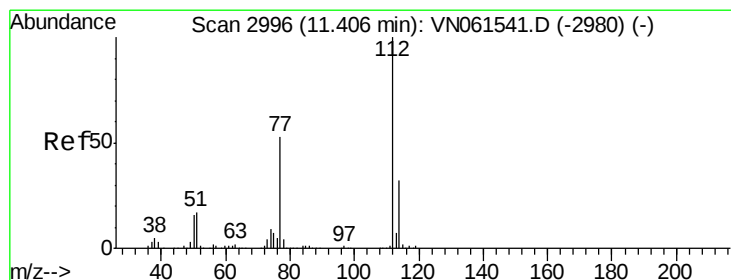
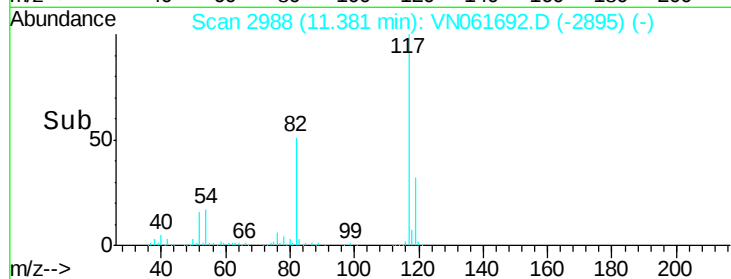
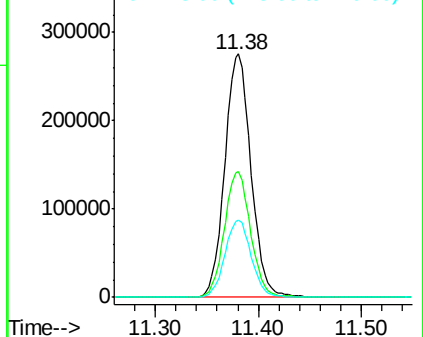
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061692.D
Acq: 8 Jun 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
Z1-DUP-0567-200604

Tot Ion:117 Resp: 487570
Ion Ratio Lower Upper
117 100
82 51.5 41.5 62.3
119 31.9 25.6 38.4

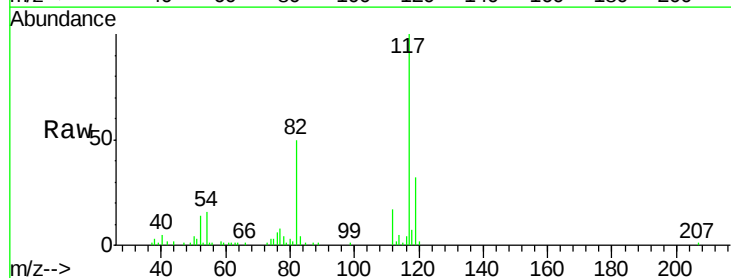


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

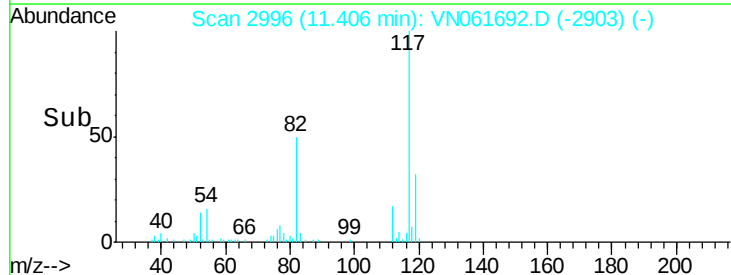
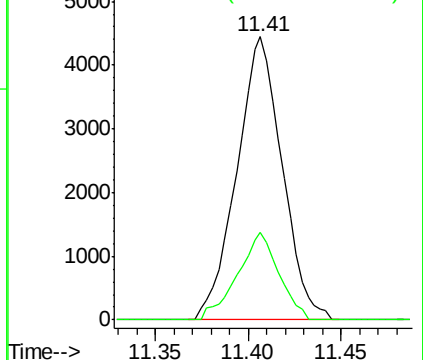


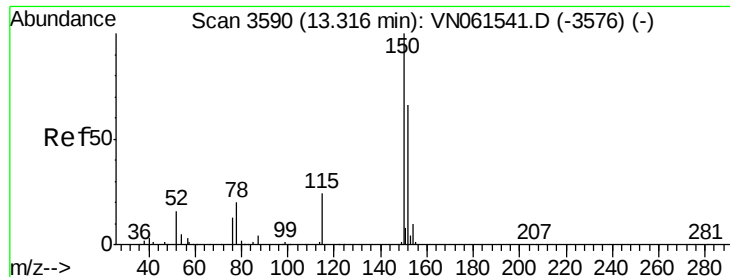
#65
Chlorobenzene
Concen: 0.743 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061692.D
Acq: 8 Jun 2020 13:47

Tgt Ion:112 Resp: 7528
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061692.D

Acq: 8 Jun 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

Z1-DUP-0567-200604

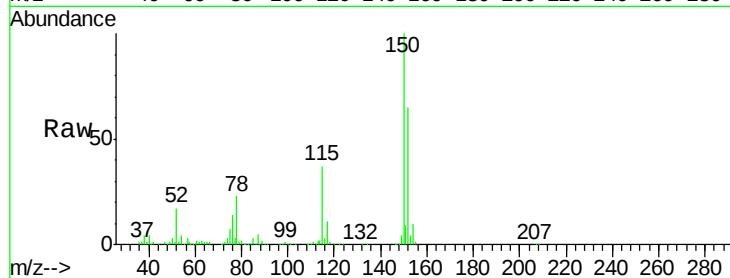
Tot Ion:152 Resp: 222483

Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 154.1 0.0 344.0



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

