

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061703.D
 Acq On : 8 Jun 2020 18:05
 Operator : JC/MD
 Sample : L2939-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2020-06-02-FD02

Quant Time: Jun 09 04:24:21 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

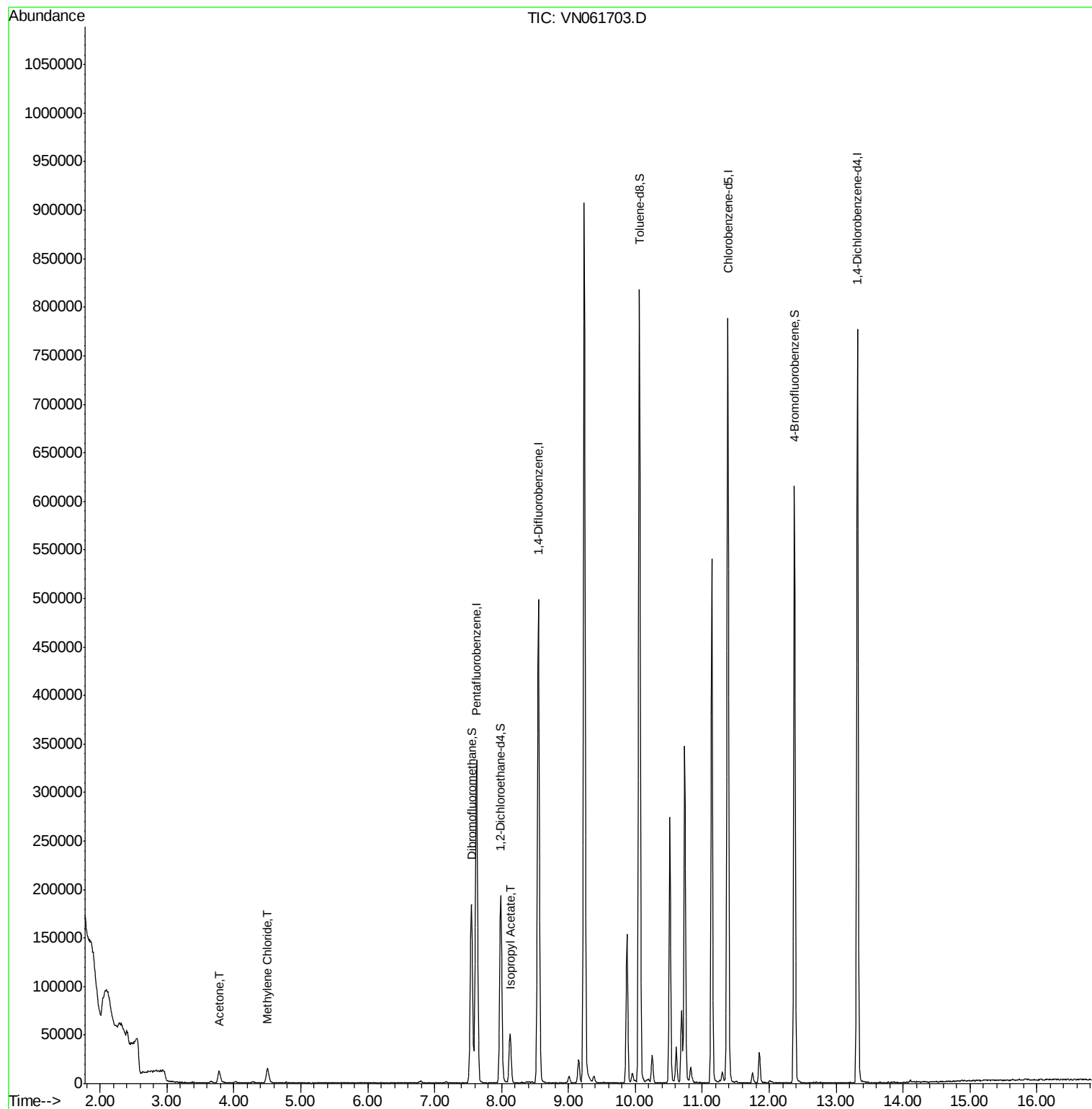
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	282603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	484297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	220076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	163214	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	7.55	113	143746	58.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.02%	
50) Toluene-d8	10.06	98	587774	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.38	95	212793	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
Target Compounds						
16) Acetone	3.78	43	19609	15.310	ug/l	92
20) Methylene Chloride	4.51	84	11731	2.169	ug/l	96
43) Isopropyl Acetate	8.13	43	58158	9.361	ug/l #	92

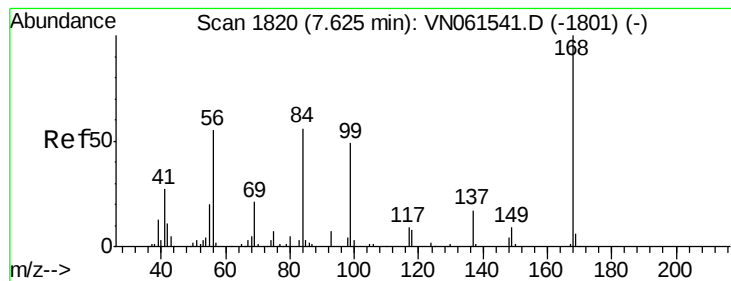
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061703.D

Acq: 8 Jun 2020 18:05

Instrument :

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ClientSampleId :

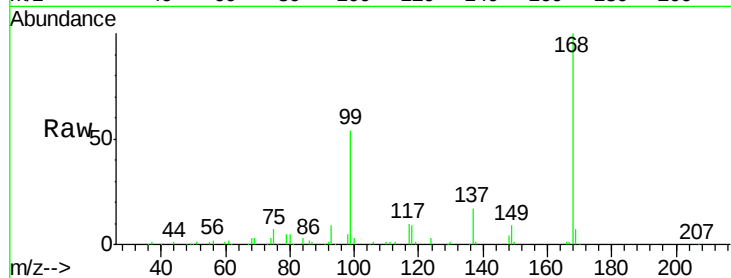
2020-06-02-FD02

Tot Ion:168 Resp: 282603

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

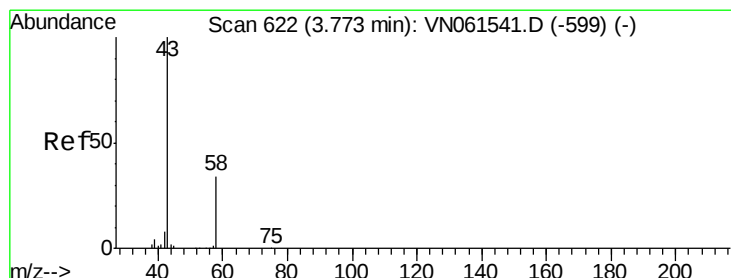
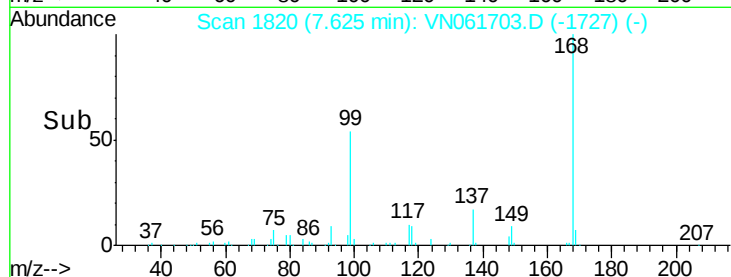
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 15.310 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061703.D

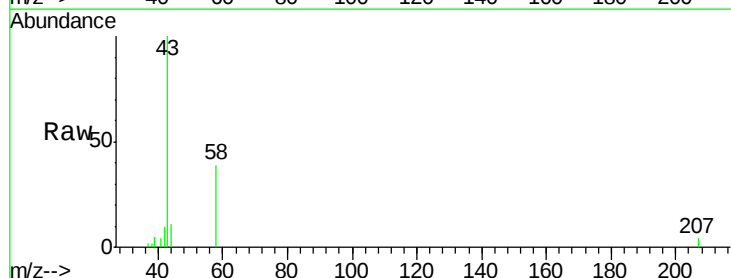
Acq: 8 Jun 2020 18:05

Tgt Ion: 43 Resp: 19609

Ion Ratio Lower Upper

43 100

58 38.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

8000

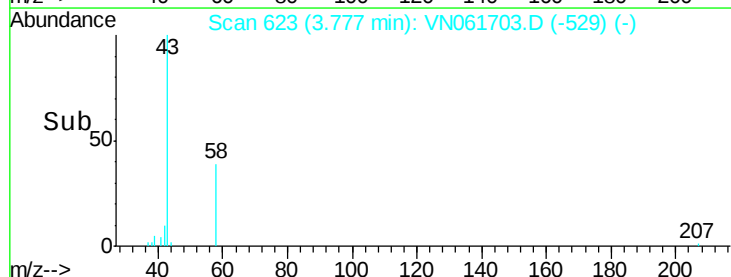
6000

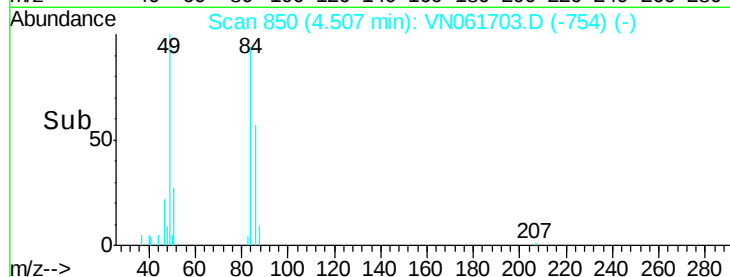
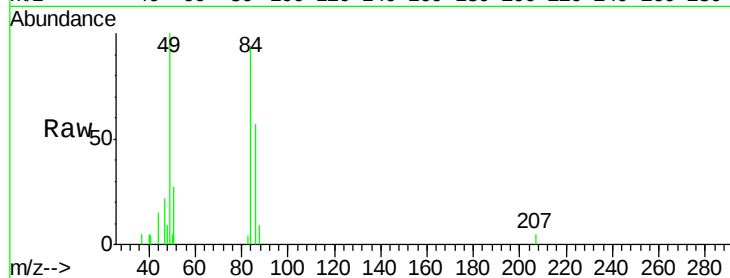
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

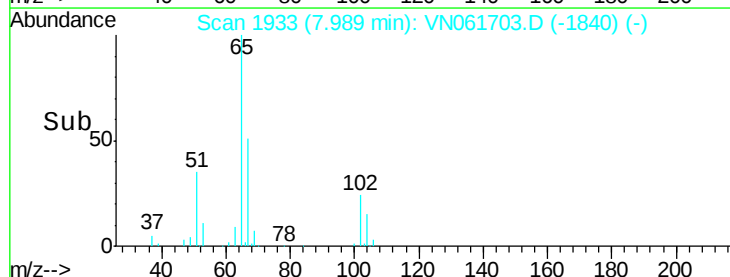
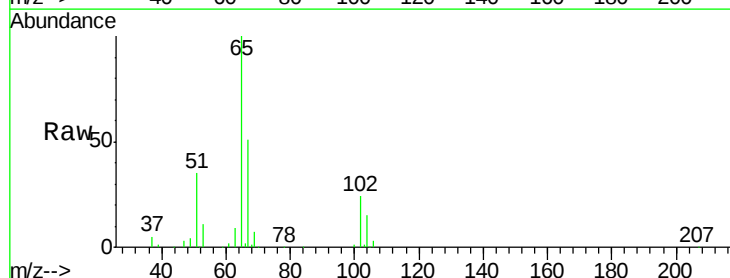
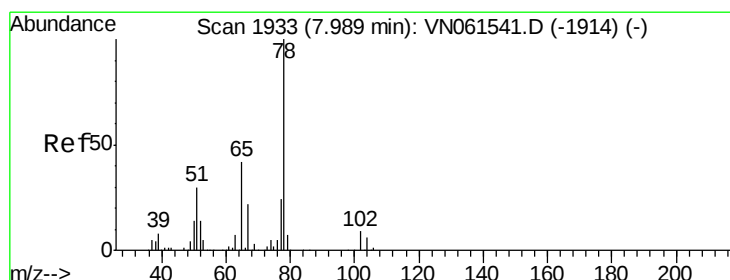
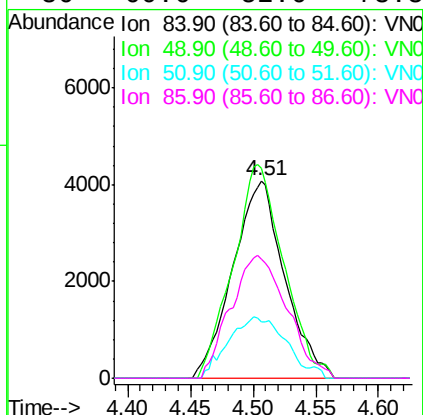




#20
Methvlene Chloride
Concen: 2.169 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061703.D
Acq: 8 Jun 2020 18:05

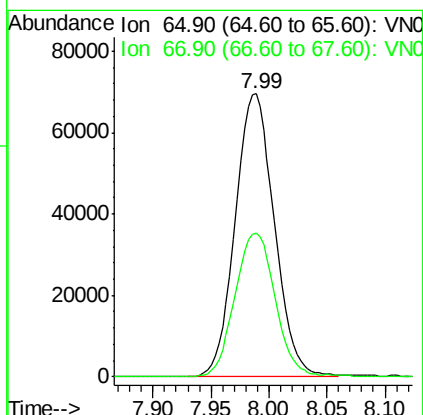
Instrument :
MSVOA_N
ClientSampleId :
2020-06-02-FD02

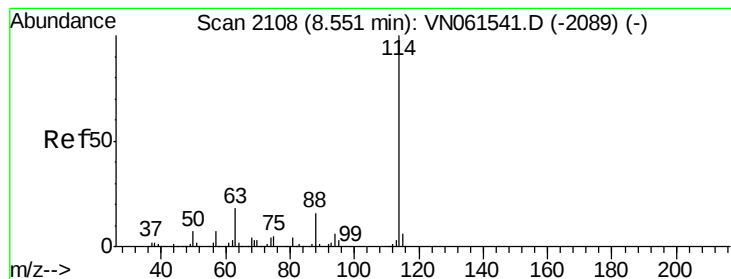
Tot Ion:	84	Resp:	11731
Ion	Ratio	Lower	Upper
84	100		
49	106.2	85.8	128.8
51	28.7	26.2	39.2
86	60.6	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 48.474 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061703.D
Acq: 8 Jun 2020 18:05

Tgt Ion:	65	Resp:	163214
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061703.D

Acq: 8 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

2020-06-02-FD02

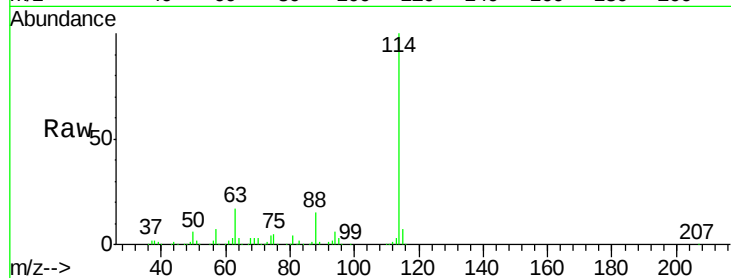
Tot Ion:114 Resp: 484297

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.8

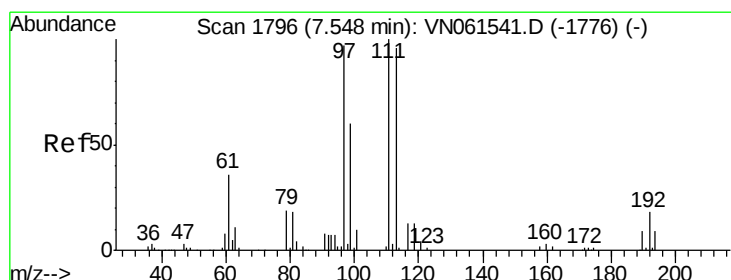
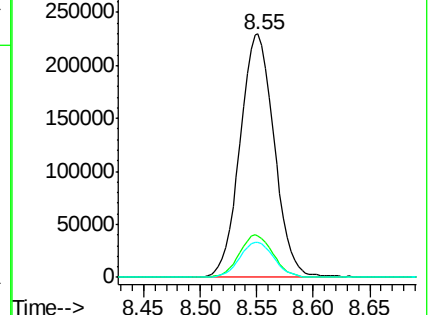
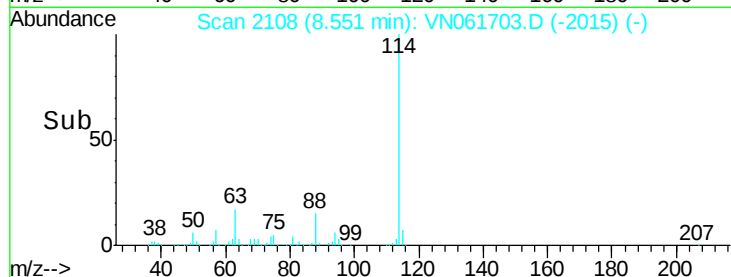
88 14.5 0.0 31.0



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: 58.511 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061703.D

Acq: 8 Jun 2020 18:05

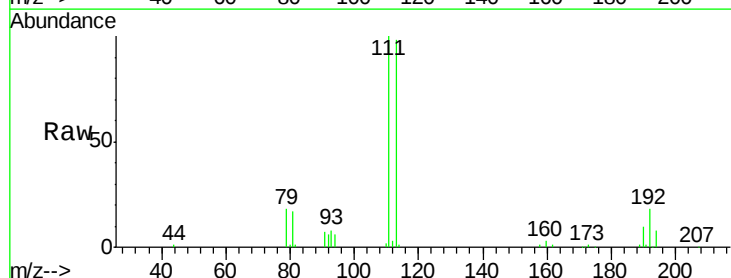
Tgt Ion:113 Resp: 143746

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.0

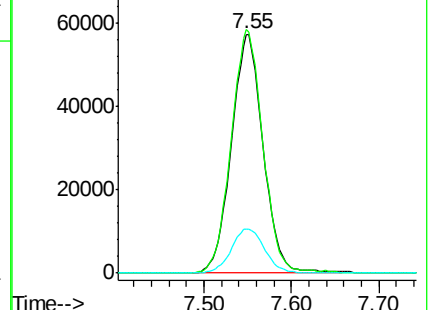
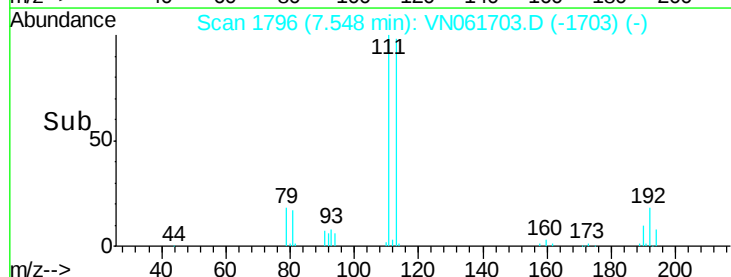
192 19.4 15.4 23.2

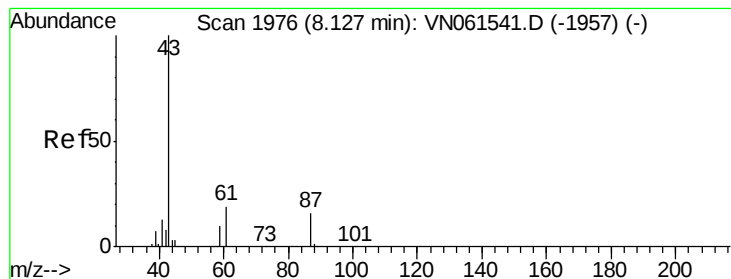


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.361 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN061703.D

Acq: 8 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

2020-06-02-FD02

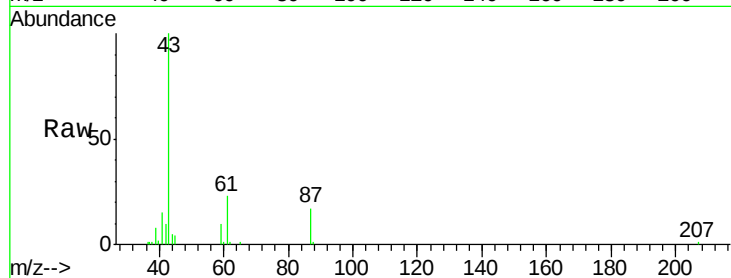
Tot Ion: 43 Resp: 58158

Ion Ratio Lower Upper

43 100

61 22.5 23.6 35.4#

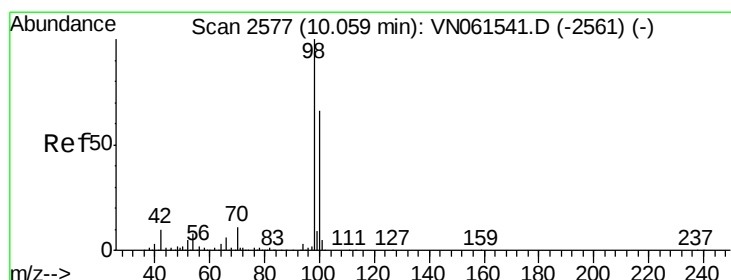
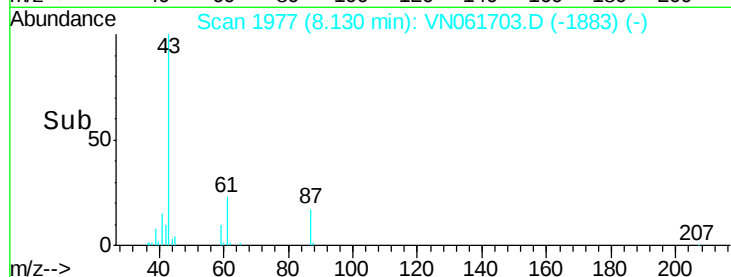
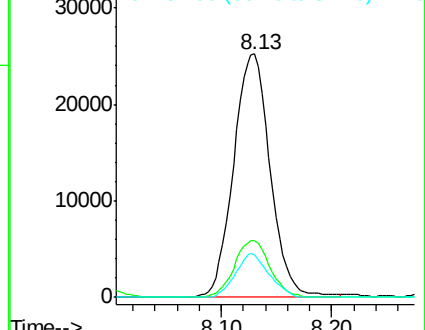
87 16.3 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#50

Toluene-d8

Concen: 51.628 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061703.D

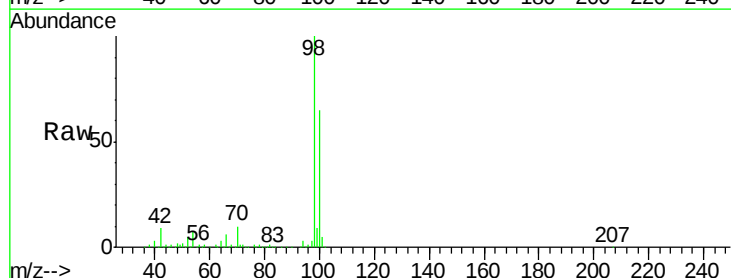
Acq: 8 Jun 2020 18:05

Tgt Ion: 98 Resp: 587774

Ion Ratio Lower Upper

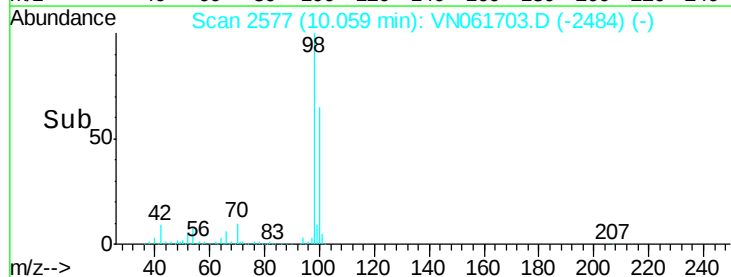
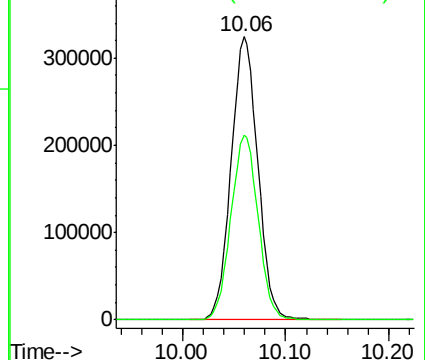
98 100

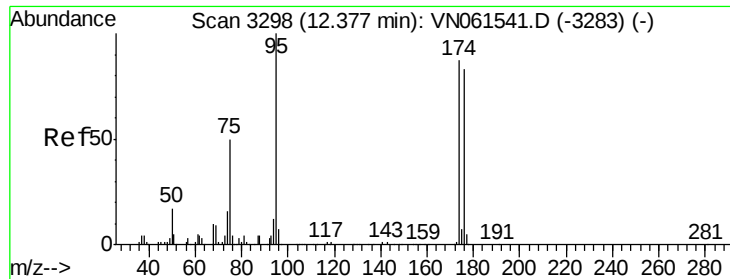
100 66.5 52.8 79.2



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

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

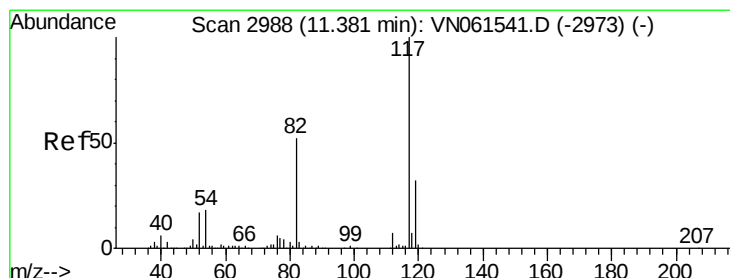
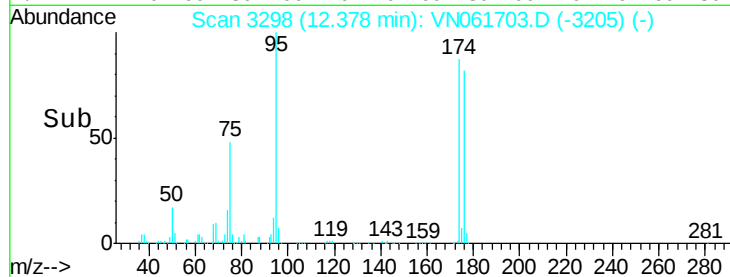
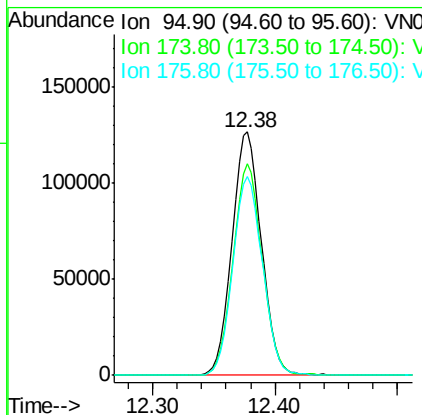
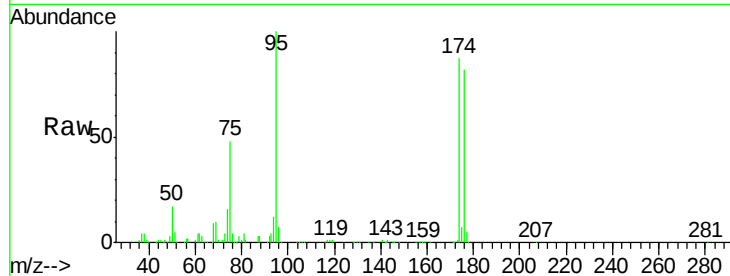




#62
4-Bromofluorobenzene
Concen: 51.231 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061703.D
Acq: 8 Jun 2020 18:05

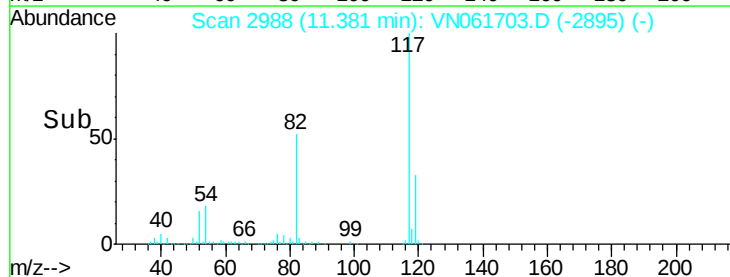
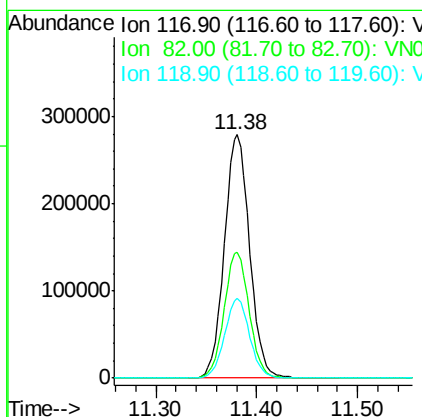
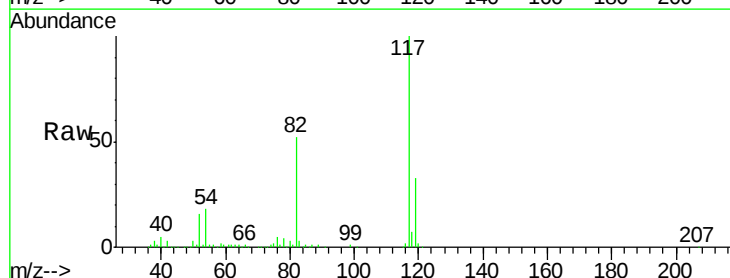
Instrument :
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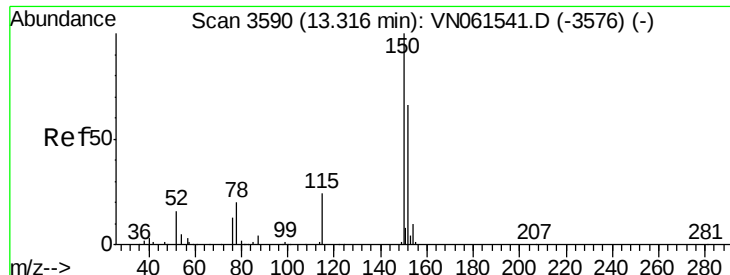
Tot Ion: 95 Resp: 212793
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.8
176 82.5 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061703.D
Acq: 8 Jun 2020 18:05

Tgt Ion: 117 Resp: 488641
Ion Ratio Lower Upper
117 100
82 51.8 41.5 62.3
119 32.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061703.D

Acq: 8 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

2020-06-02-FD02

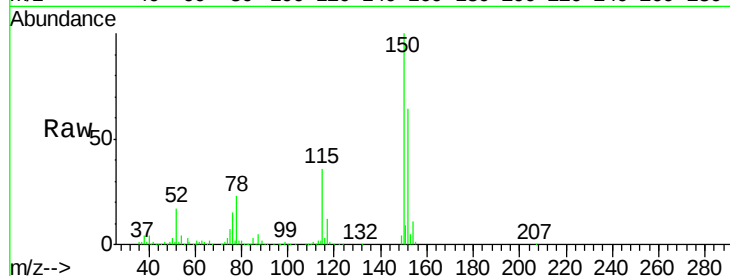
Tot Ion:152 Resp: 220076

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 156.2 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

