

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061602.D
 Acq On : 1 Jun 2020 18:06
 Operator : JC/MD
 Sample : L2814-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-052920

Quant Time: Jun 02 05:00:37 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

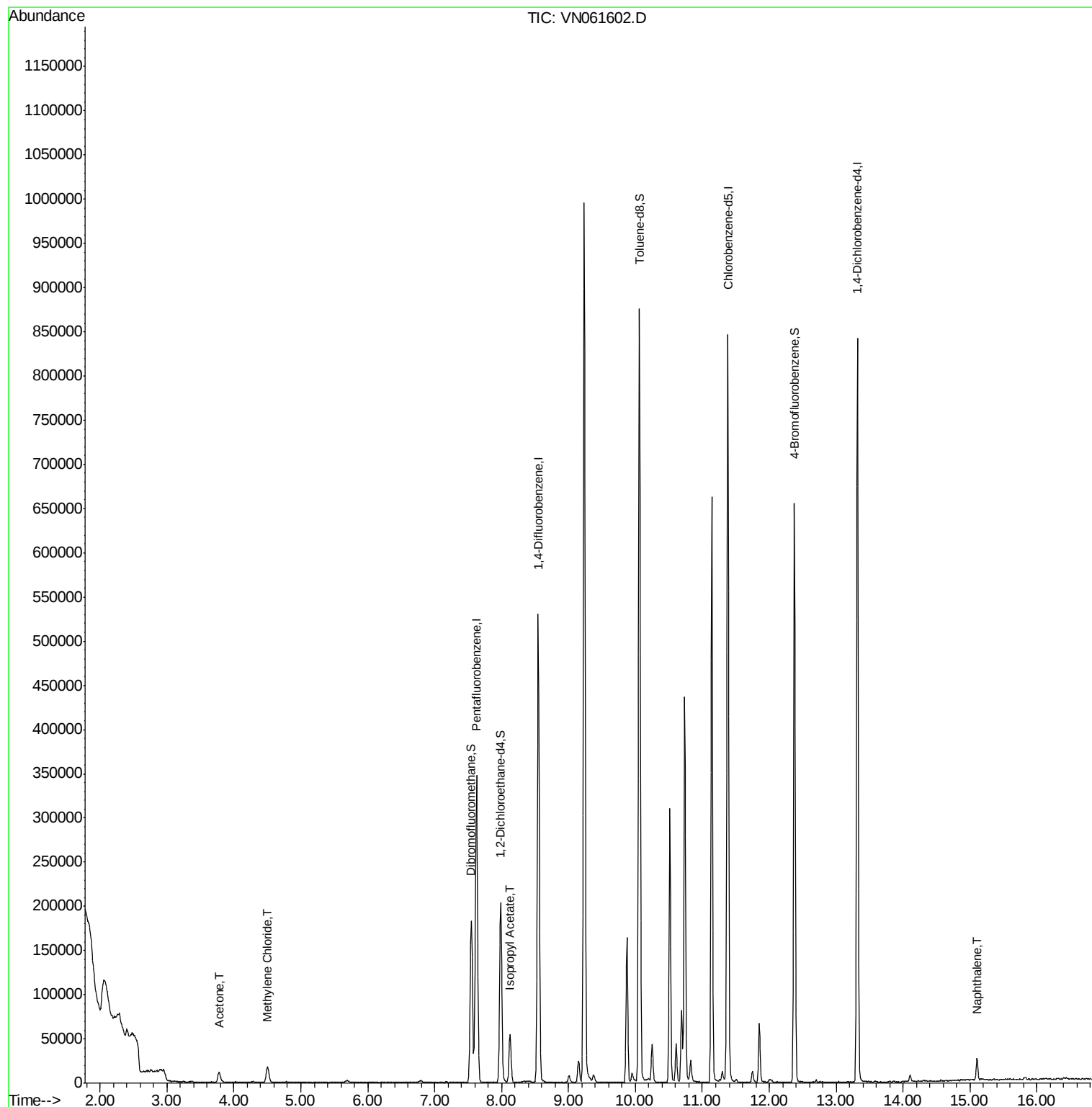
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	503510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	517092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	234122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175429	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
35) Dibromofluoromethane	7.55	113	143643	56.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.48%	
50) Toluene-d8	10.06	98	631914	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.38	95	233840	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
Target Compounds						
16) Acetone	3.78	43	20168	16.079	ug/l	95
20) Methylene Chloride	4.51	84	14233	3.049	ug/l	93
43) Isopropyl Acetate	8.13	43	61178	9.472	ug/l #	90
95) Naphthalene	15.10	128	21459	1.633	ug/l	99

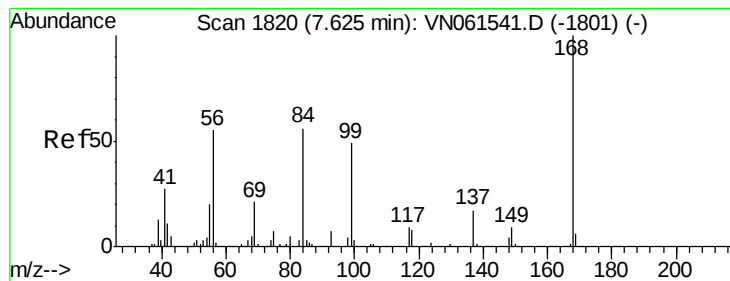
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060120\
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Quant Title : SW846 8260
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: VN061602.D

Acq: 1 Jun 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

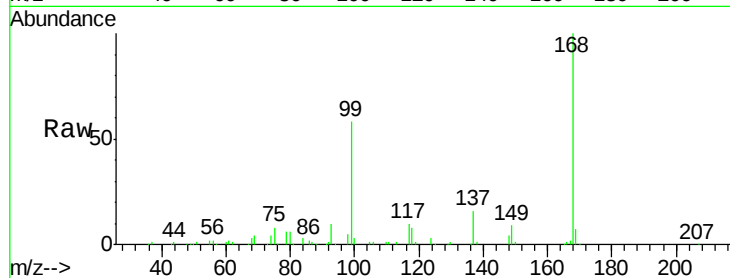
PL-02-052920

Tot Ion:168 Resp: 280703

Ion Ratio Lower Upper

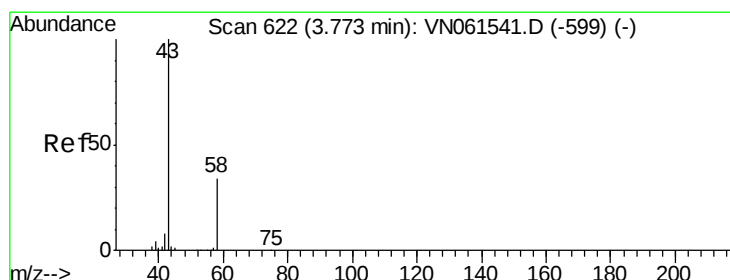
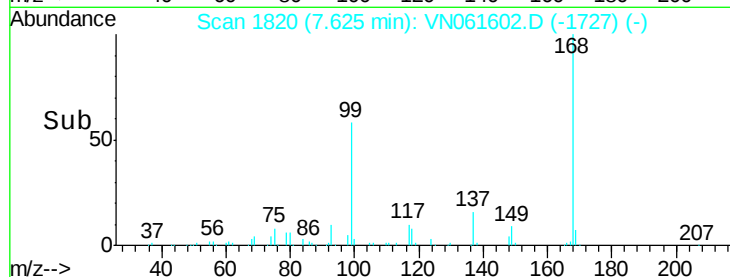
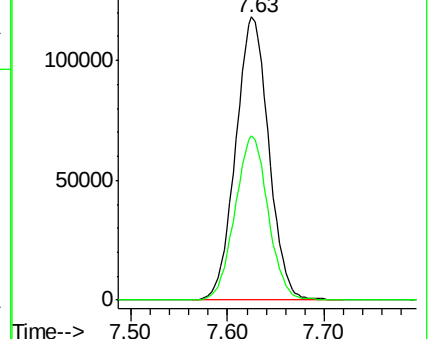
168 100

99 58.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 16.079 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061602.D

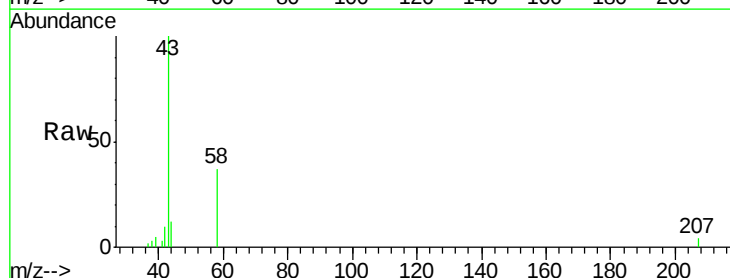
Acq: 1 Jun 2020 18:06

Tgt Ion: 43 Resp: 20168

Ion Ratio Lower Upper

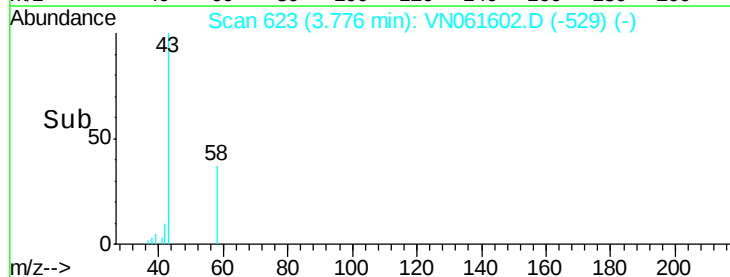
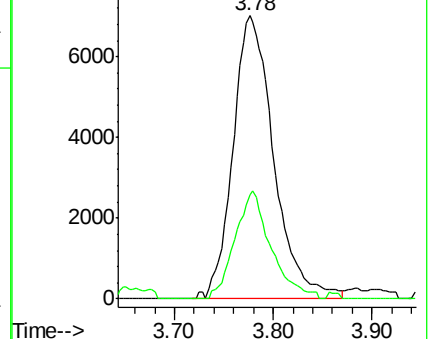
43 100

58 37.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

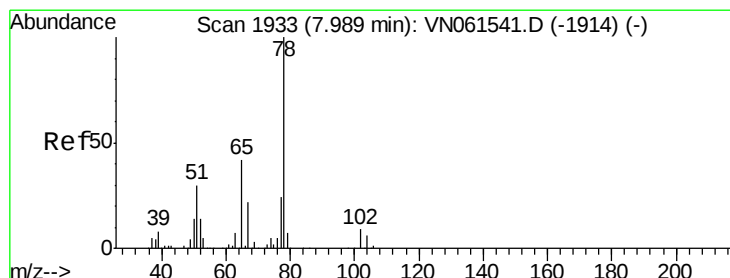
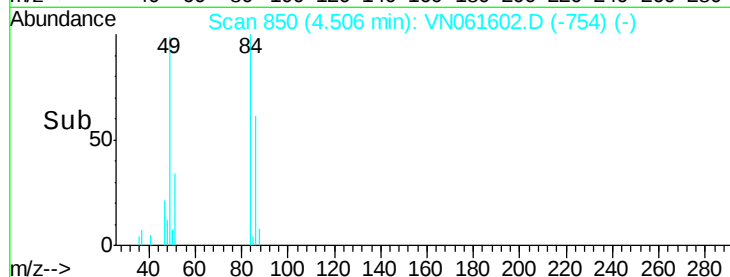
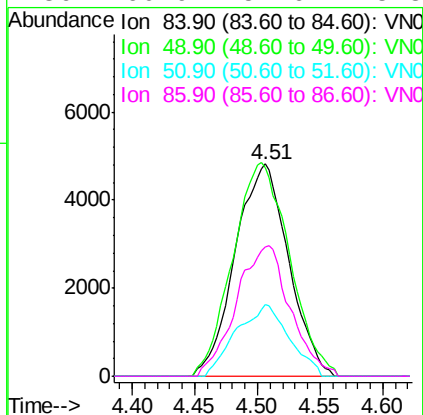
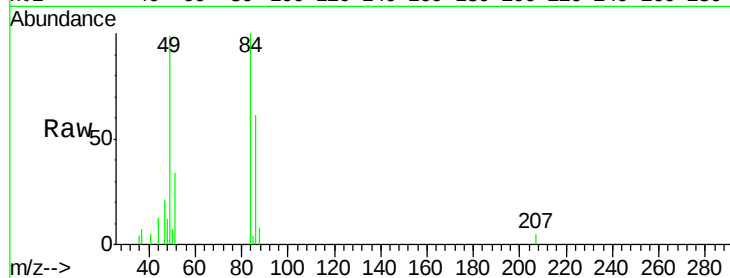




#20
Methvlene Chloride
Concen: 3.049 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061602.D
Acq: 1 Jun 2020 18:06

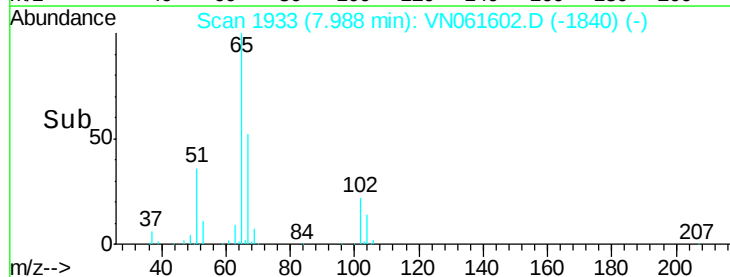
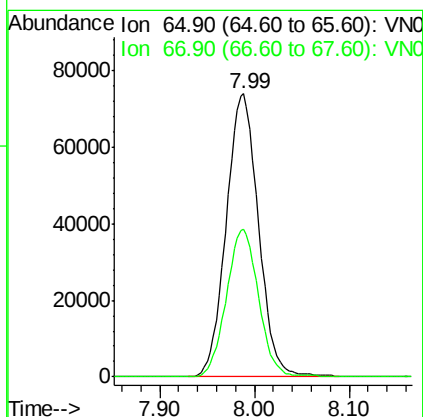
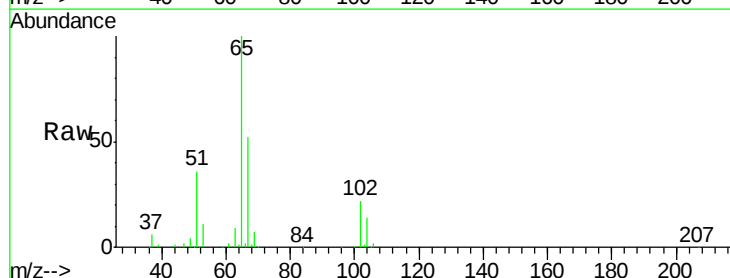
Instrument :
MSVOA_N
ClientSampleId :
PL-02-052920

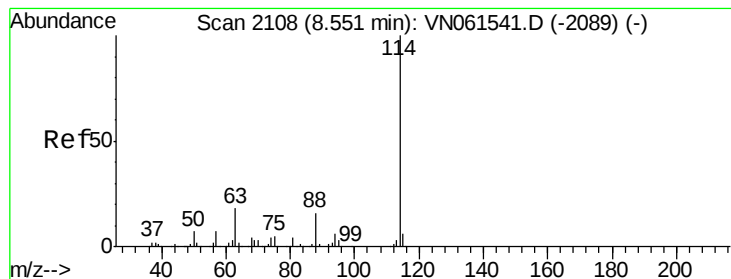
Tot Ion:	84	Resp:	14233
Ion	Ratio	Lower	Upper
84	100		
49	98.6	85.8	128.8
51	33.8	26.2	39.2
86	60.9	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 52.455 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061602.D
Acq: 1 Jun 2020 18:06

Tgt Ion:	65	Resp:	175429
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VN061602.D

Acq: 1 Jun 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

PL-02-052920

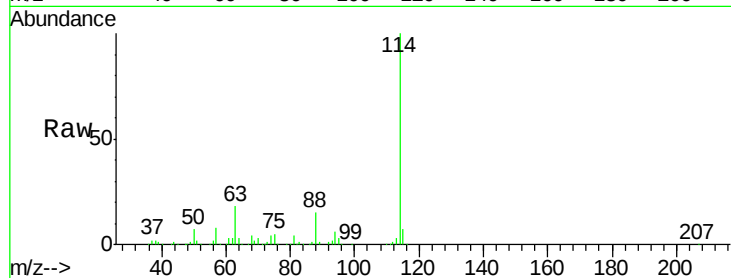
Tot Ion:114 Resp: 503510

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.8

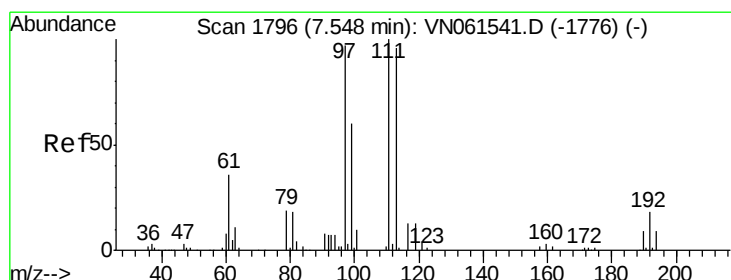
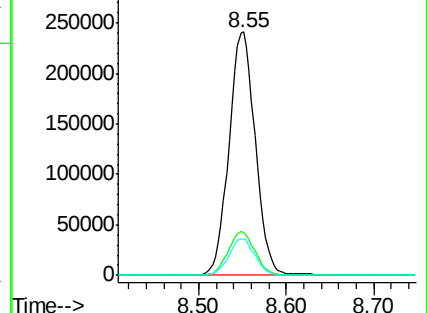
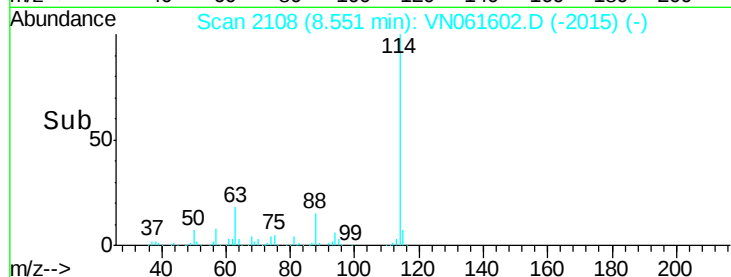
88 15.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 56.238 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061602.D

Acq: 1 Jun 2020 18:06

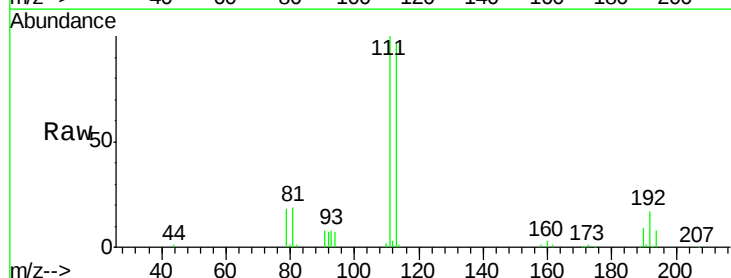
Tgt Ion:113 Resp: 143643

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.0

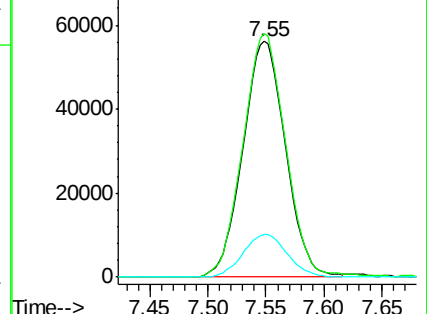
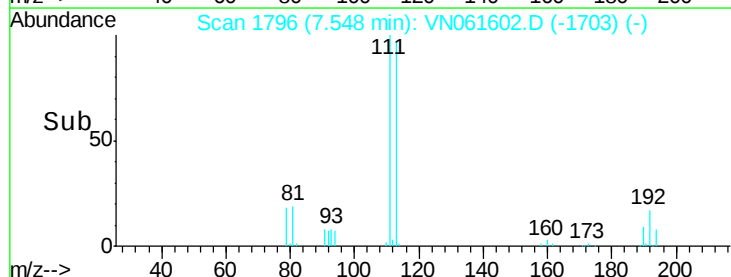
192 18.9 15.4 23.2

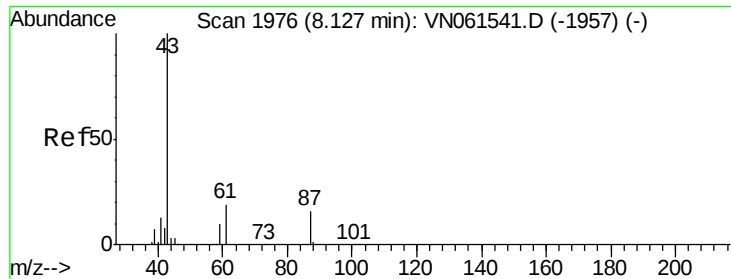


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.472 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN061602.D

Acq: 1 Jun 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

PL-02-052920

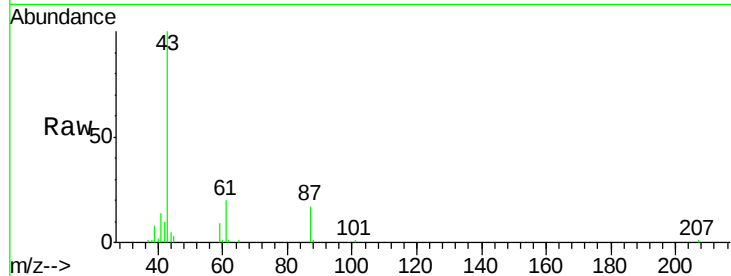
Tot Ion: 43 Resp: 61178

Ion Ratio Lower Upper

43 100

61 21.2 23.6 35.4#

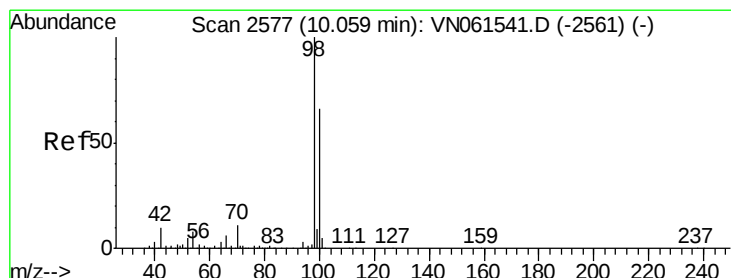
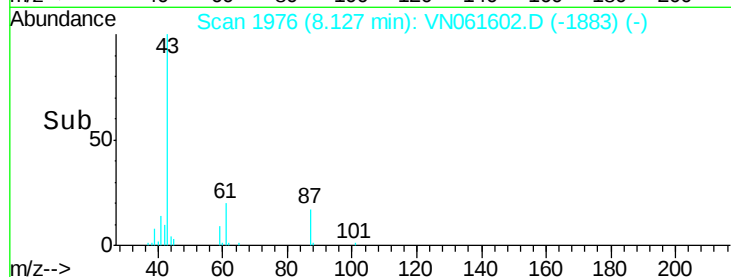
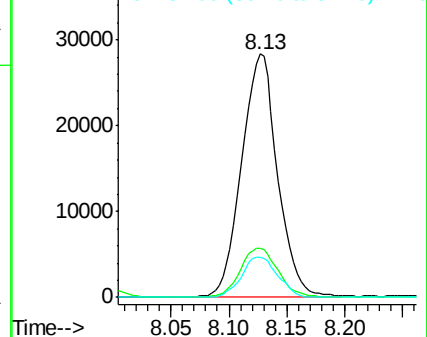
87 16.5 13.0 19.6



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: 53.387 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061602.D

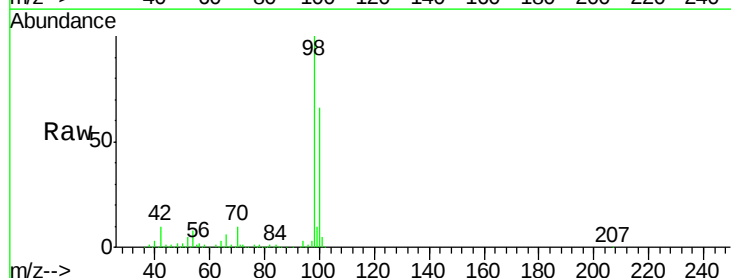
Acq: 1 Jun 2020 18:06

Tgt Ion: 98 Resp: 631914

Ion Ratio Lower Upper

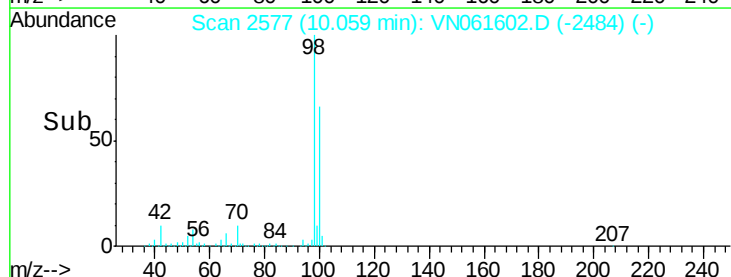
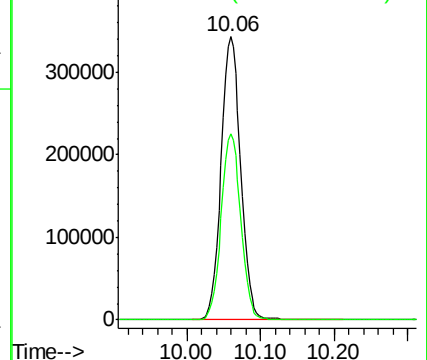
98 100

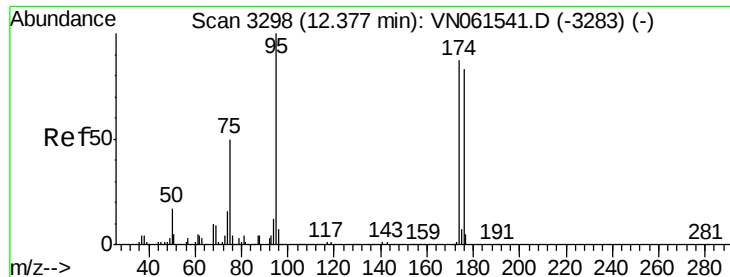
100 65.9 52.8 79.2



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: 54.150 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061602.D

Acq: 1 Jun 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

PL-02-052920

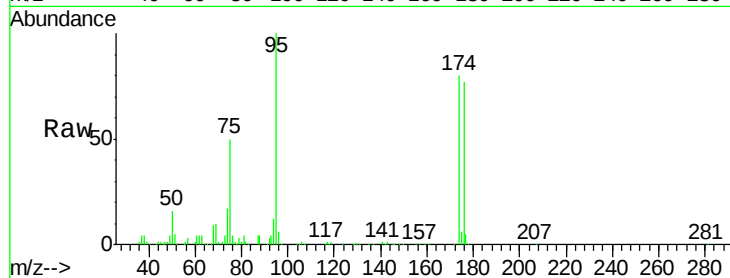
Tot Ion: 95 Resp: 233840

Ion Ratio Lower Upper

95 100

174 80.4 0.0 172.8

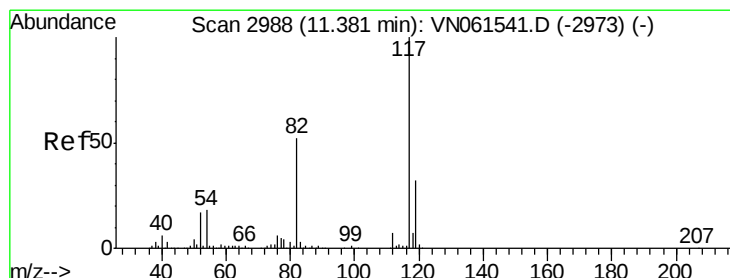
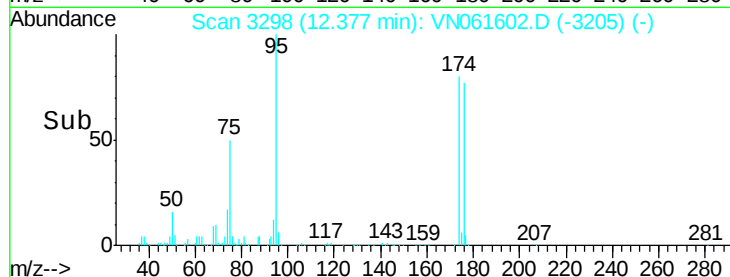
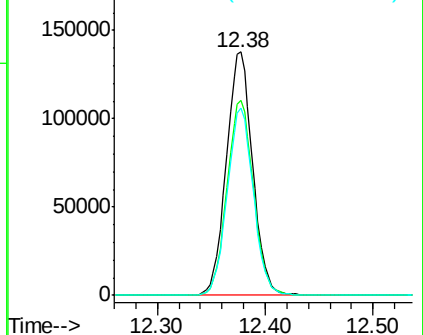
176 76.5 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061602.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061602.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061602.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061602.D

Acq: 1 Jun 2020 18:06

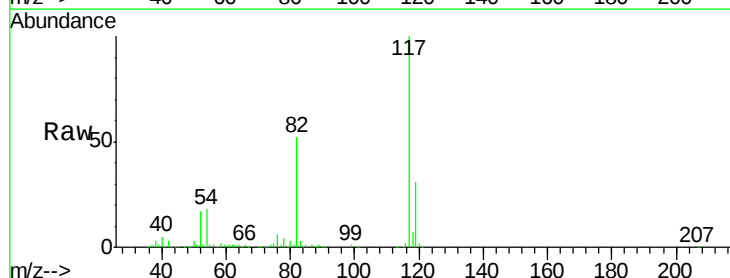
Tgt Ion: 117 Resp: 517092

Ion Ratio Lower Upper

117 100

82 52.2 41.5 62.3

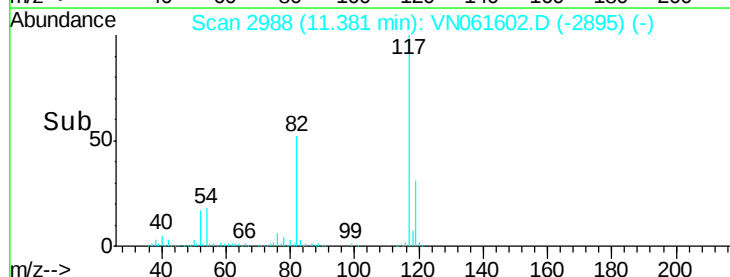
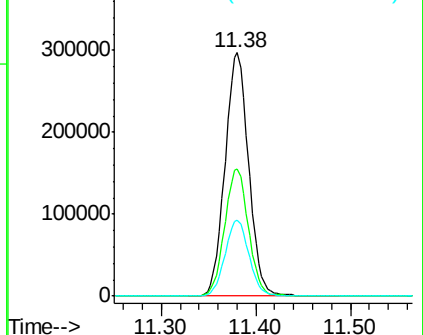
119 31.5 25.6 38.4

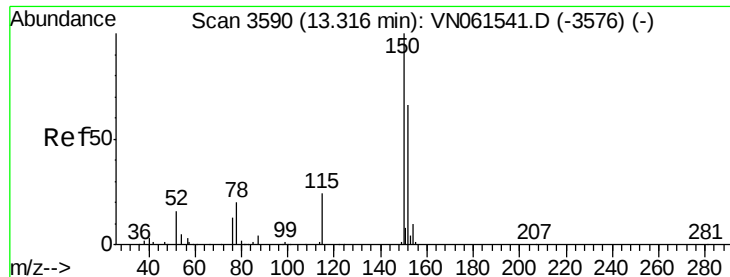


Abundance Ion 116.90 (116.60 to 117.60): VN061602.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061602.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061602.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061602.D

Acq: 1 Jun 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

PL-02-052920

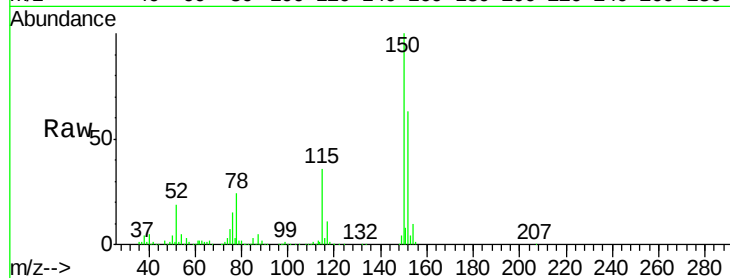
Tot Ion:152 Resp: 234122

Ion Ratio Lower Upper

152 100

115 57.6 28.0 84.0

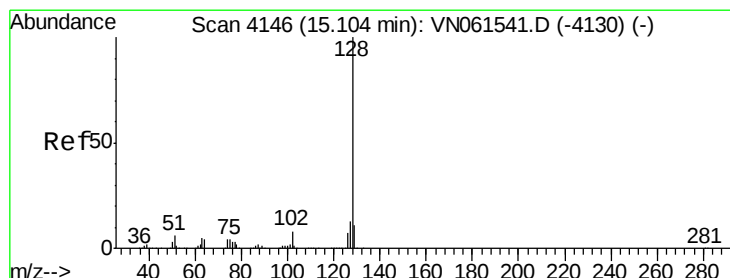
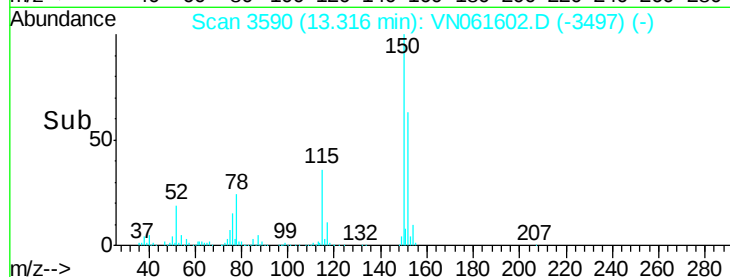
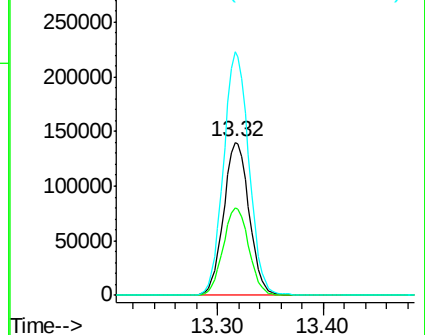
150 158.6 0.0 344.0



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



#95

Naphthalene

Concen: 1.633 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061602.D

Acq: 1 Jun 2020 18:06

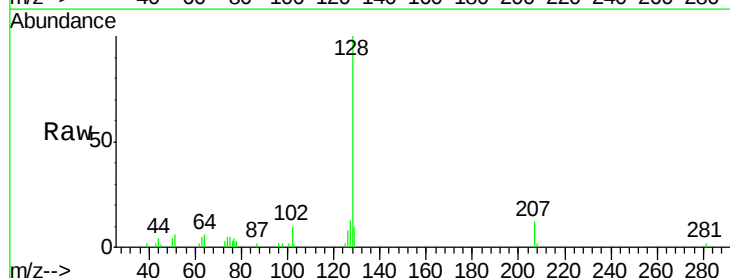
Tgt Ion:128 Resp: 21459

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

