

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061693.D
 Acq On : 8 Jun 2020 14:11
 Operator : JC/MD
 Sample : PB129340TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129340TB

Quant Time: Jun 09 03:55:19 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

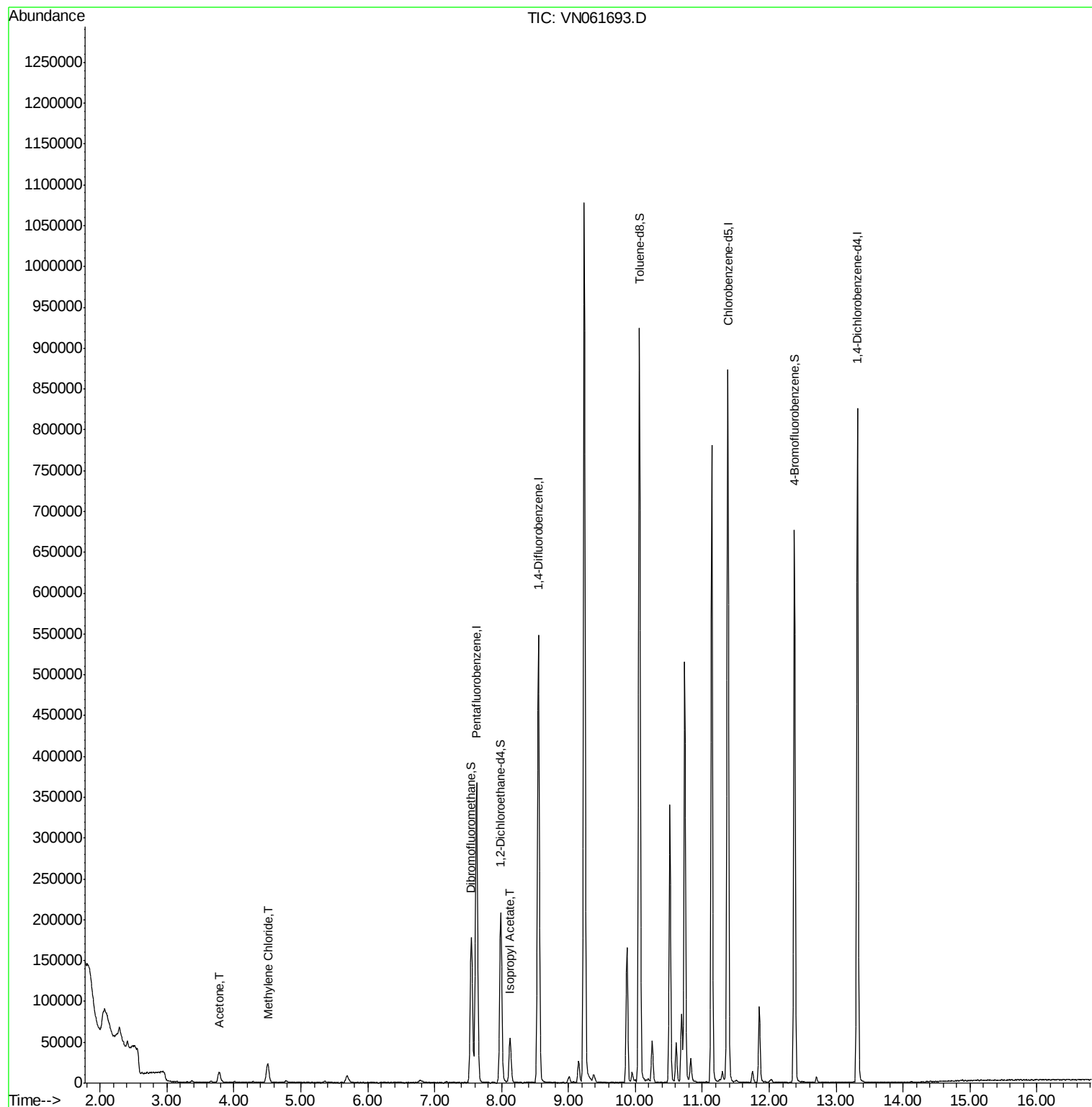
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	315009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	534227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	541513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	237451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175218	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.55	113	139963	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.06	98	651946	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	233606	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
Target Compounds						
16) Acetone	3.79	43	21949	15.401	ug/l	Qvalue 100
20) Methylene Chloride	4.50	84	19384	4.085	ug/l	90
43) Isopropyl Acetate	8.13	43	61703	9.004	ug/l #	90

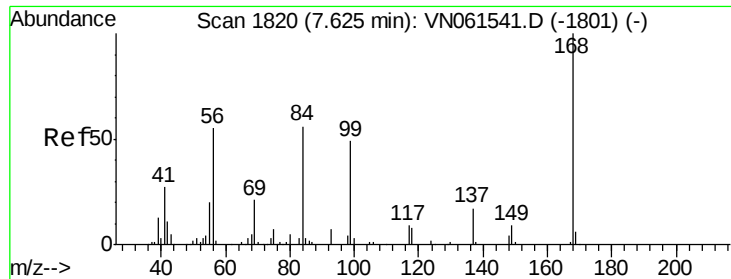
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061693.D

Acq: 8 Jun 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

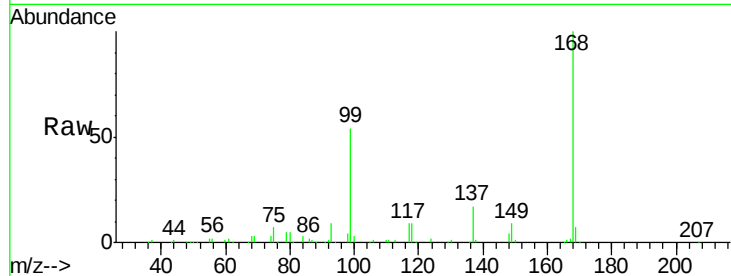
PB129340TB

Tot Ion:168 Resp: 315009

Ion Ratio Lower Upper

168 100

99 53.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

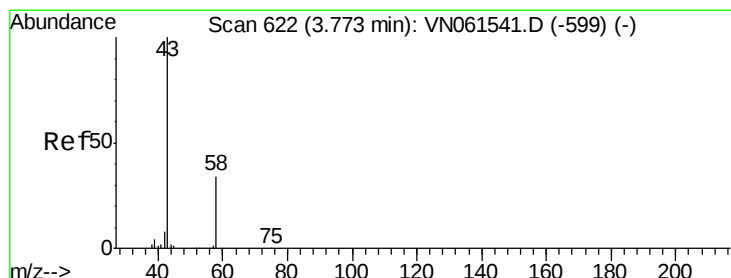
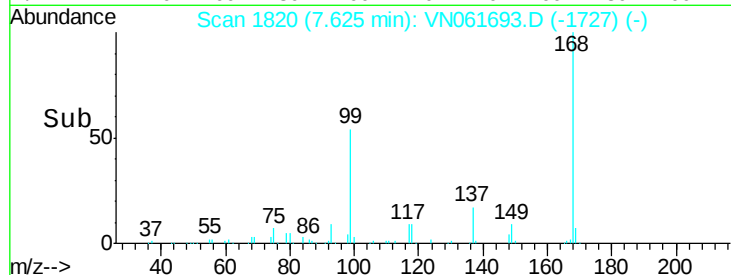
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 15.401 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061693.D

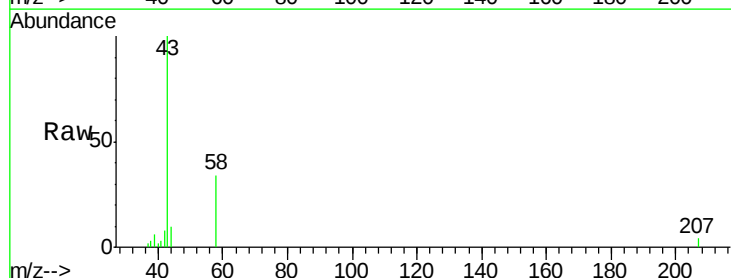
Acq: 8 Jun 2020 14:11

Tgt Ion: 43 Resp: 21949

Ion Ratio Lower Upper

43 100

58 34.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

8000

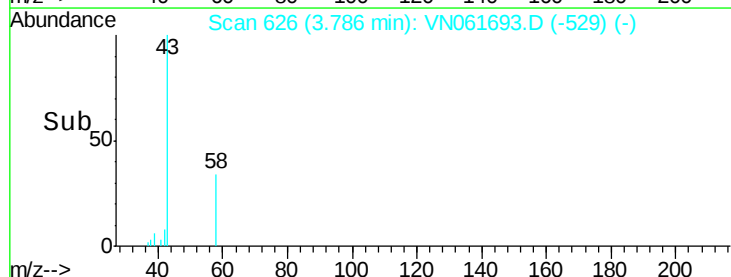
6000

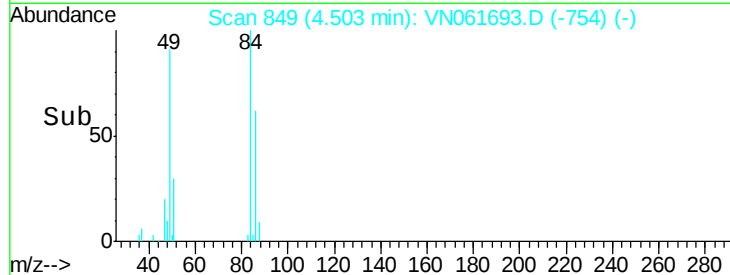
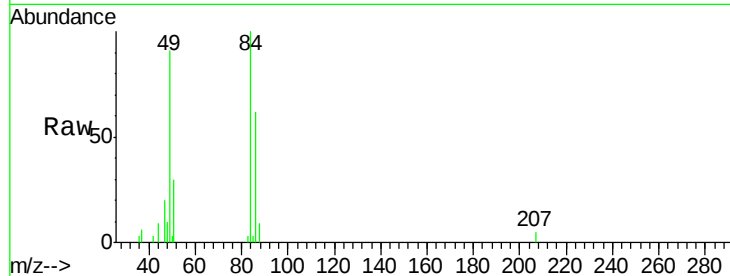
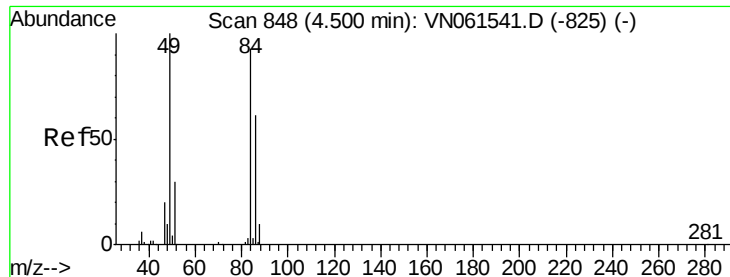
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

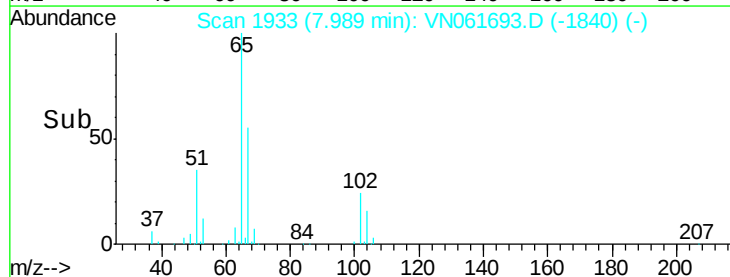
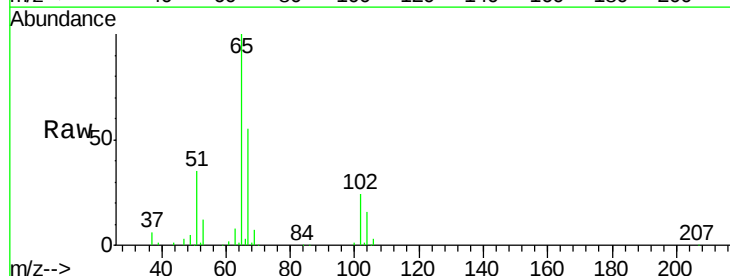
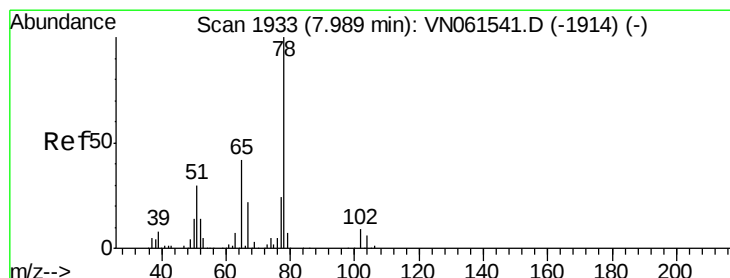
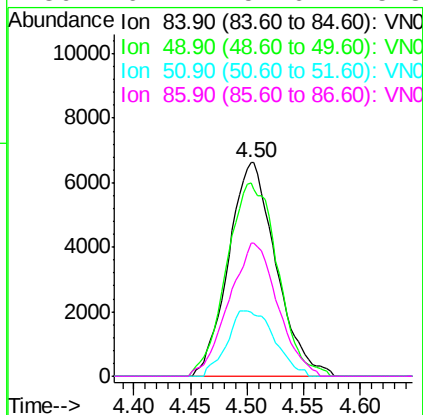




#20
Methvlene Chloride
Concen: 4.085 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061693.D
Acq: 8 Jun 2020 14:11

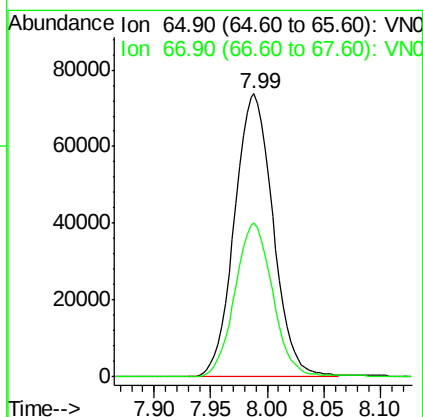
Instrument :
MSVOA_N
ClientSampleId :
PB129340TB

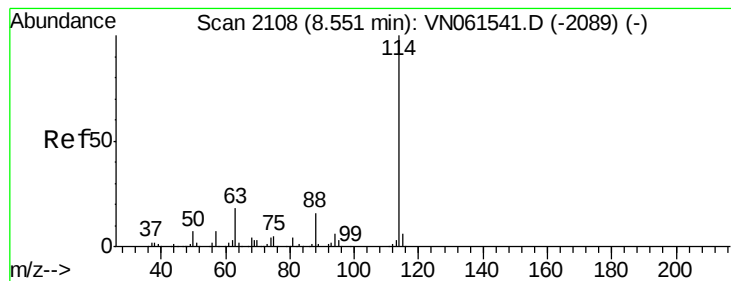
Tot Ion:	84	Resp:	19384
Ion	Ratio	Lower	Upper
84	100		
49	90.7	85.8	128.8
51	30.1	26.2	39.2
86	62.2	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 46.686 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061693.D
Acq: 8 Jun 2020 14:11

Tgt Ion:	65	Resp:	175218
Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VN061693.D

Acq: 8 Jun 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

PB129340TB

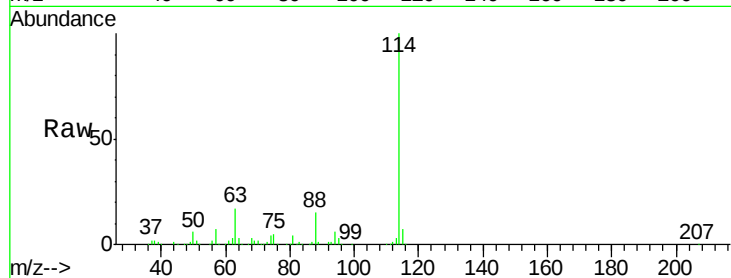
Tot Ion:114 Resp: 534227

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.8

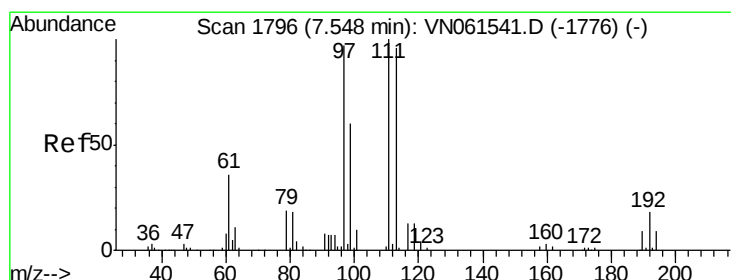
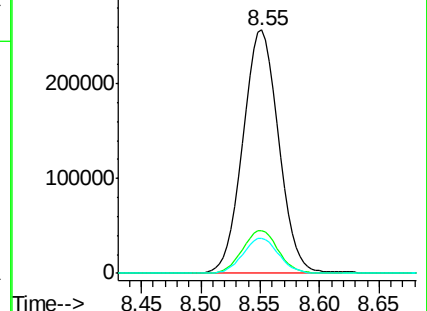
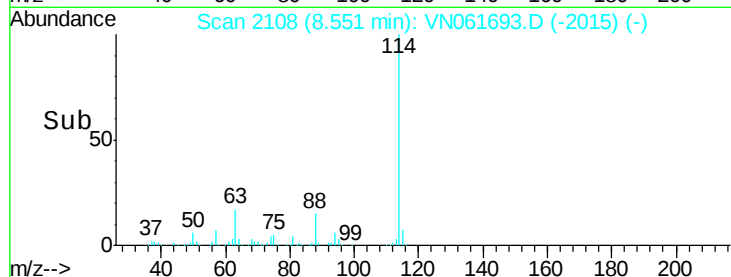
88 14.5 0.0 31.0



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: 51.646 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061693.D

Acq: 8 Jun 2020 14:11

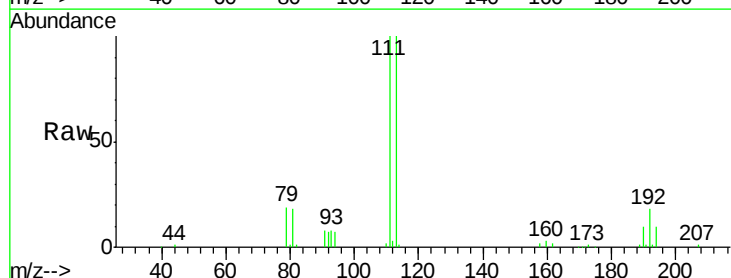
Tgt Ion:113 Resp: 139963

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.0

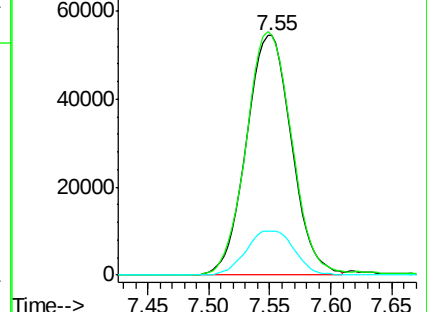
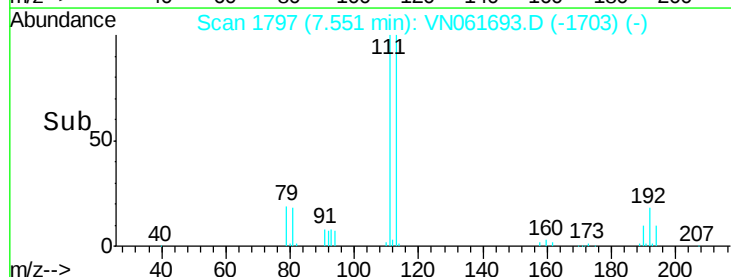
192 19.5 15.4 23.2

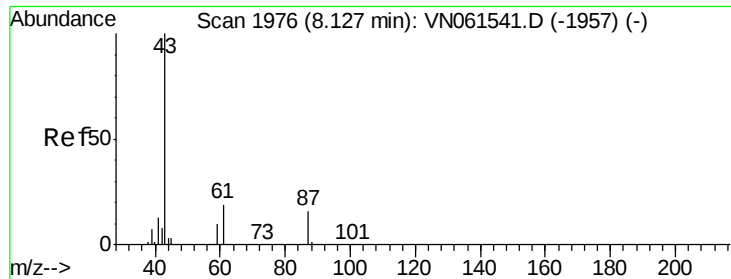


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.004 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061693.D

Acq: 8 Jun 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

PB129340TB

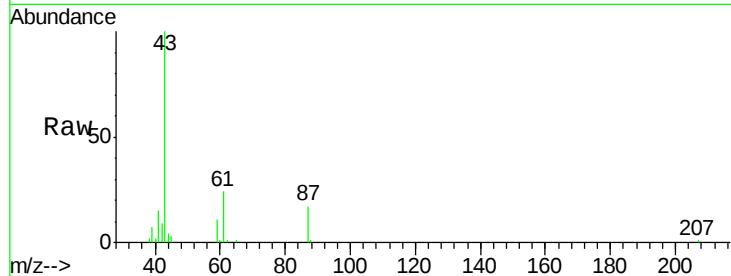
Tot Ion: 43 Resp: 61703

Ion Ratio Lower Upper

43 100

61 22.1 23.6 35.4#

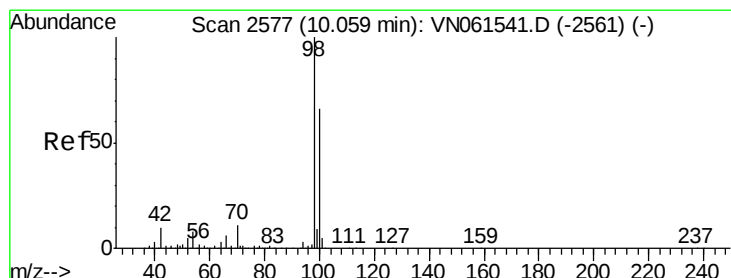
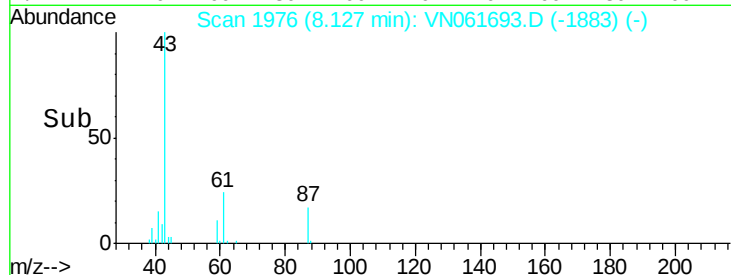
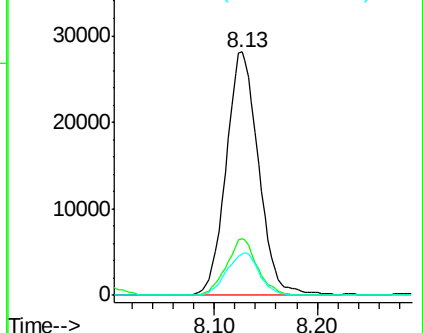
87 17.4 13.0 19.6



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: 51.912 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061693.D

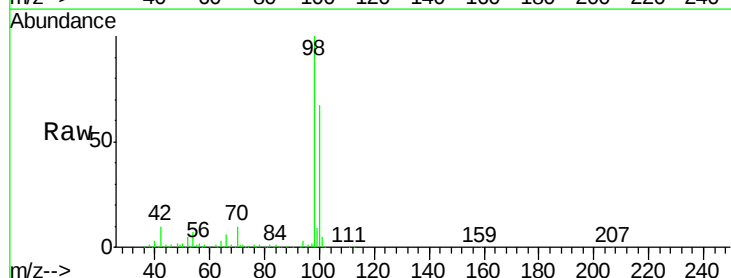
Acq: 8 Jun 2020 14:11

Tgt Ion: 98 Resp: 651946

Ion Ratio Lower Upper

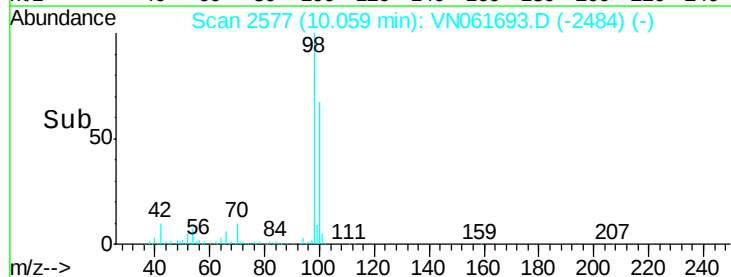
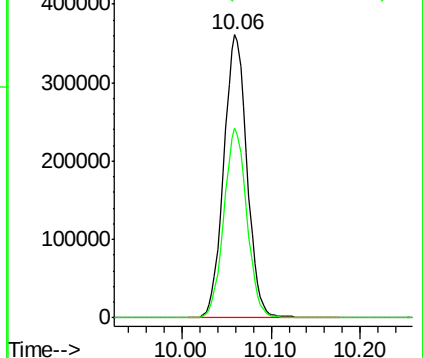
98 100

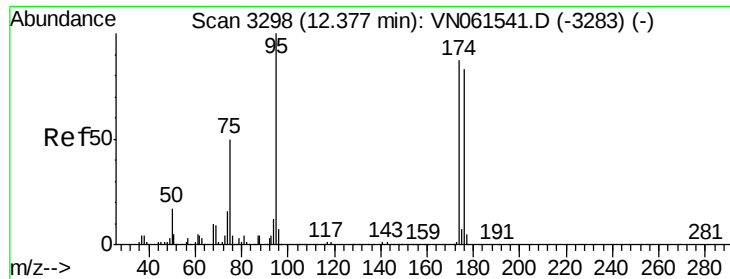
100 66.3 52.8 79.2



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: 50.985 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061693.D

Acq: 8 Jun 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

PB129340TB

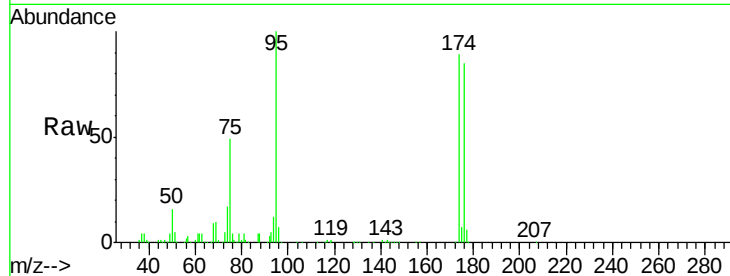
Tot Ion: 95 Resp: 233606

Ion Ratio Lower Upper

95 100

174 87.0 0.0 172.8

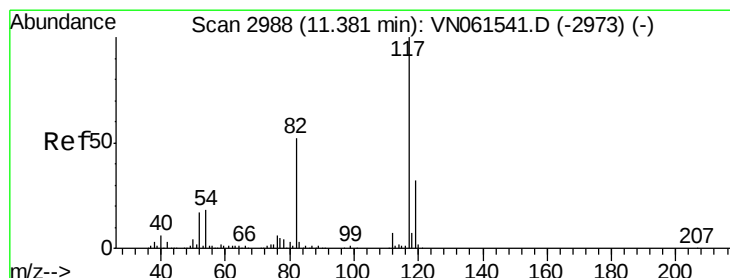
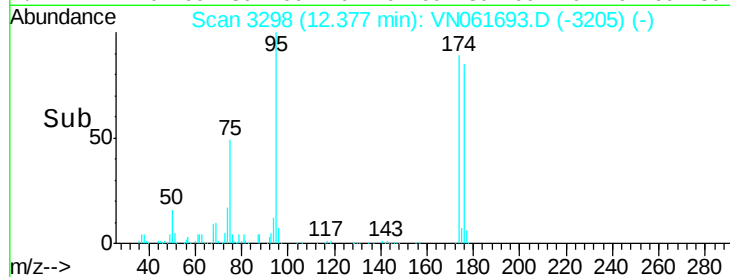
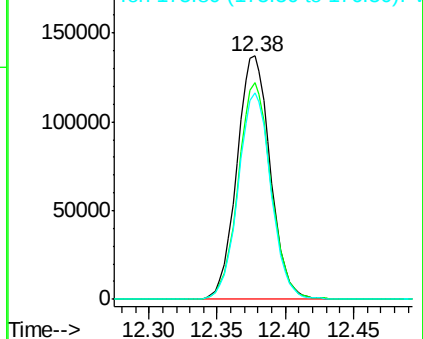
176 83.2 0.0 164.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061693.D

Acq: 8 Jun 2020 14:11

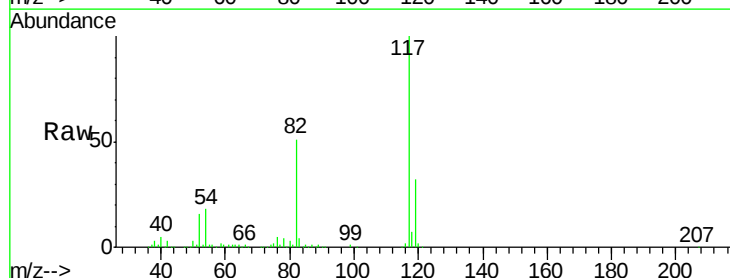
Tgt Ion: 117 Resp: 541513

Ion Ratio Lower Upper

117 100

82 51.4 41.5 62.3

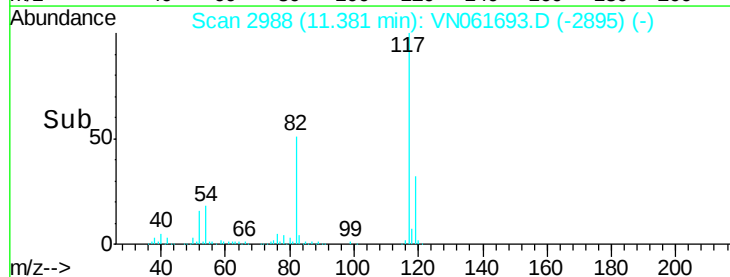
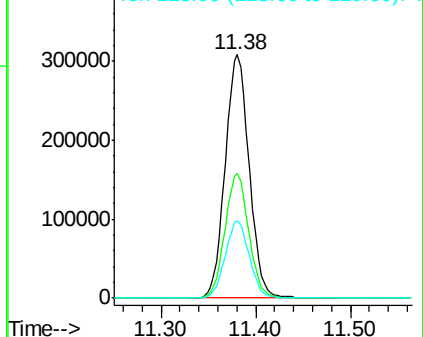
119 32.0 25.6 38.4

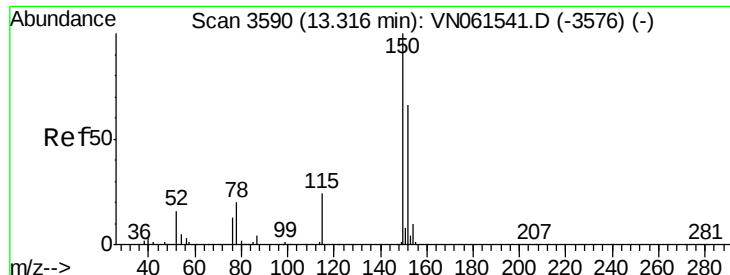


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061693.D

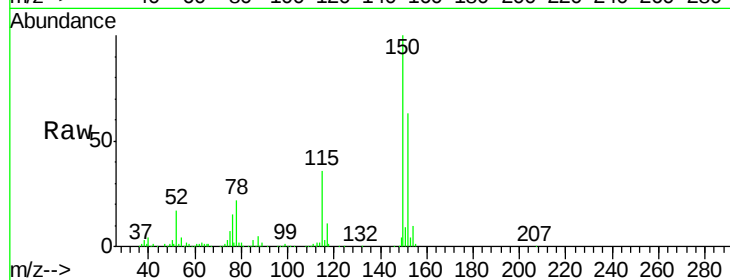
Acq: 8 Jun 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

PB129340TB



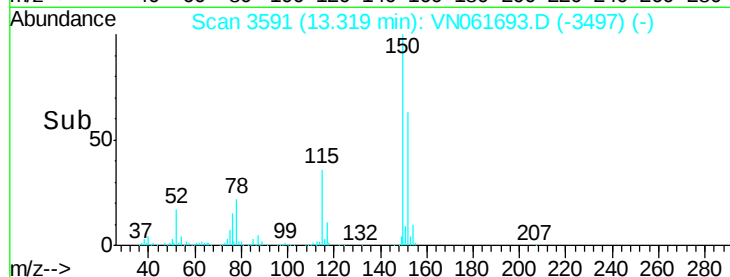
Tot Ion:152 Resp: 237451

Ion Ratio Lower Upper

152 100

115 55.9 28.0 84.0

150 157.5 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

