

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061931.D
 Acq On : 19 Jun 2020 4:54
 Operator : JC/MD
 Sample : PB129596ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129596ZHE#08

Quant Time: Jun 19 07:33:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

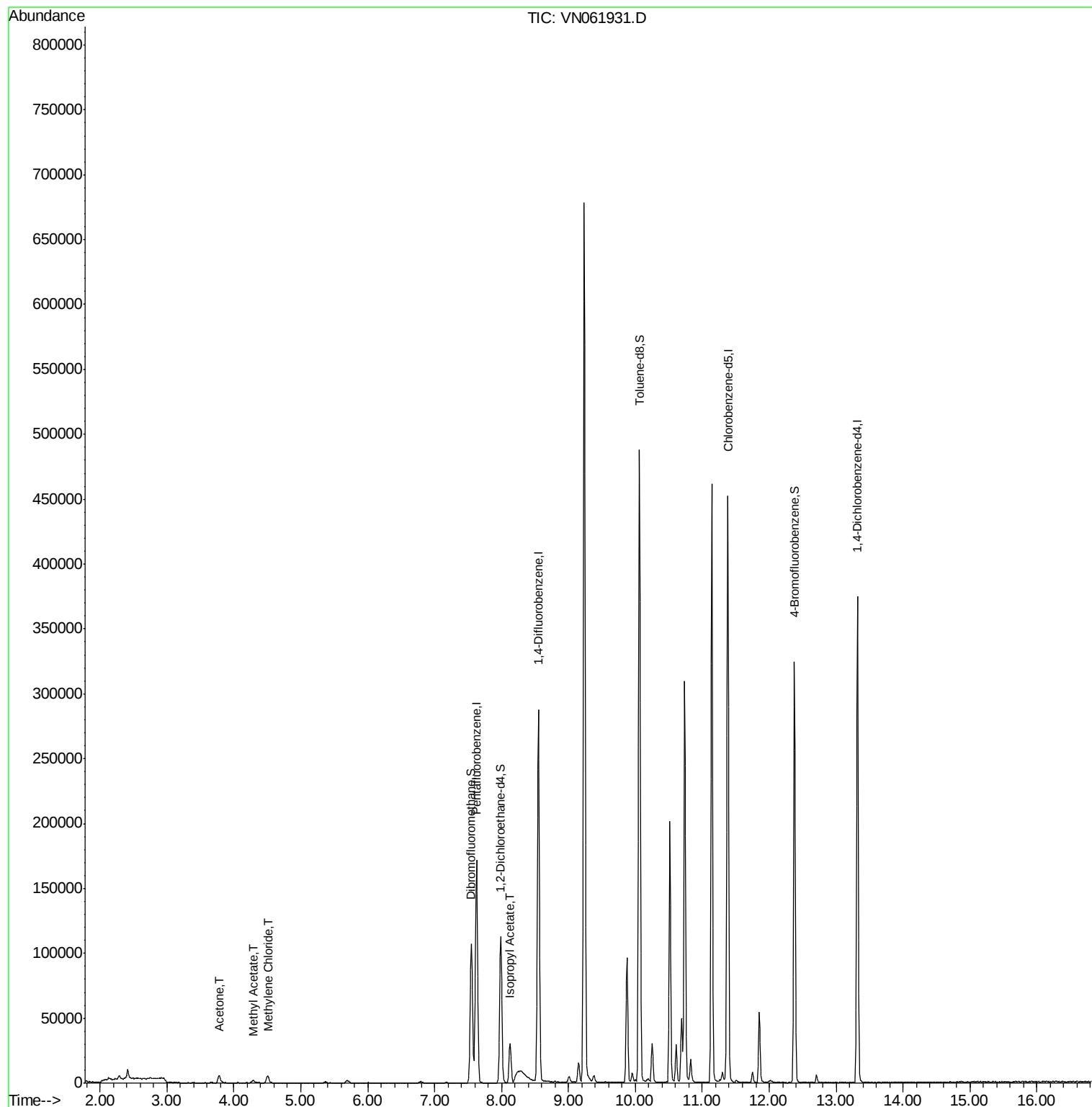
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	139811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	265900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	268307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	102143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95775	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.55	113	83934	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.06	98	340733	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.38	95	113341	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
Target Compounds						
16) Acetone	3.78	43	9880	17.838	ug/l	94
18) Methyl Acetate	4.28	43	3835	2.405	ug/l	98
20) Methylene Chloride	4.50	84	4647	2.575	ug/l	90
43) Isopropyl Acetate	8.13	43	34305	10.748	ug/l #	90

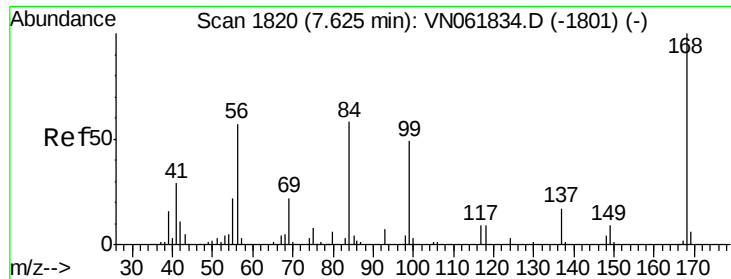
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
Data File : VN061931.D
Acq On : 19 Jun 2020 4:54
Operator : JC/MD
Sample : PB129596ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB129596ZHE#08

Quant Time: Jun 19 07:33:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN061931.D

Acq: 19 Jun 2020 4:54

Instrument :

MSVOA_N

ClientSampleId :

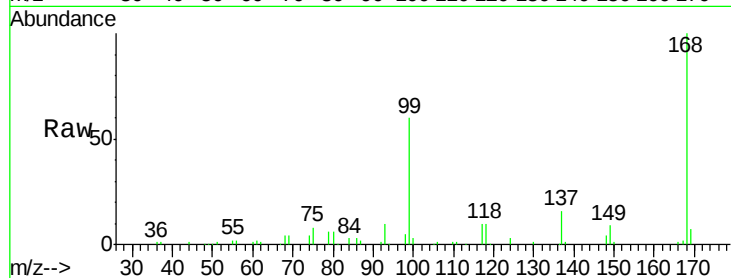
PB129596ZHE#08

Tot Ion:168 Resp: 139811

Ion Ratio Lower Upper

168 100

99 59.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

40000

20000

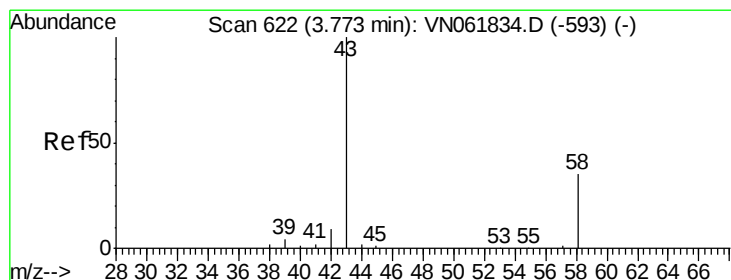
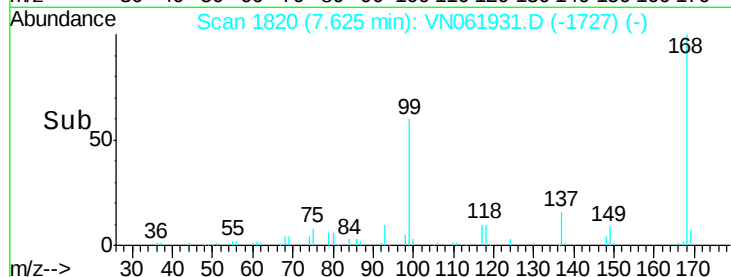
0

Time-->

7.50

7.60

7.70



#16

Acetone

Concen: 17.838 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061931.D

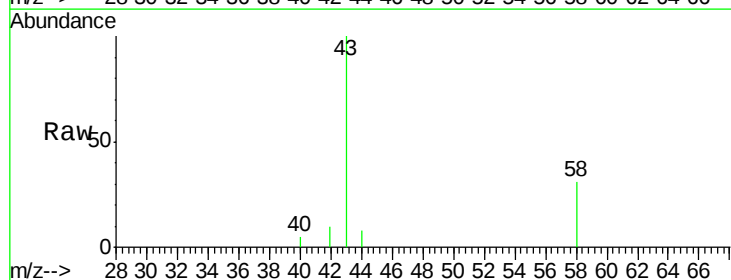
Acq: 19 Jun 2020 4:54

Tgt Ion: 43 Resp: 9880

Ion Ratio Lower Upper

43 100

58 31.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

4000

3000

2000

1000

0

Time-->

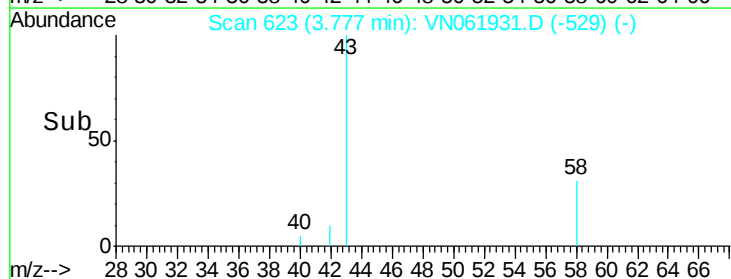
3.70

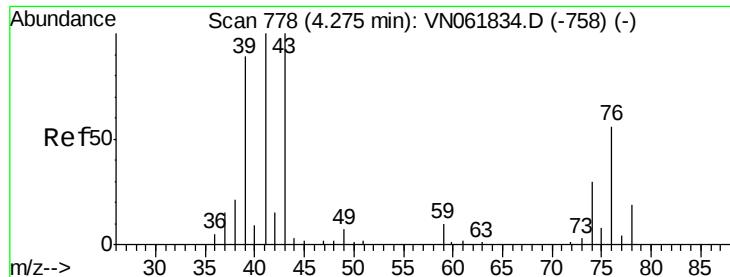
3.75

3.80

3.85

3.90

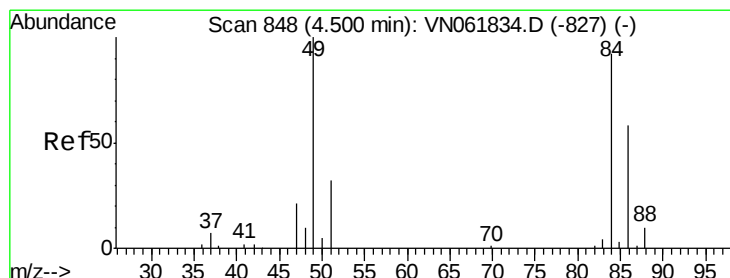
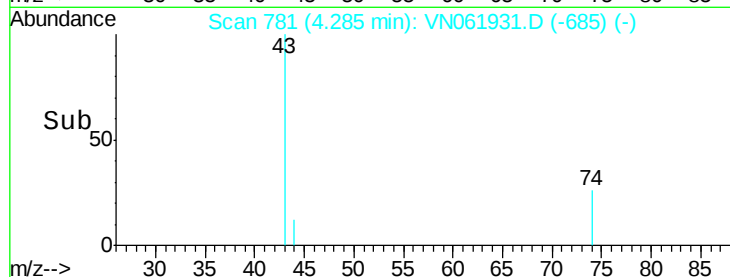
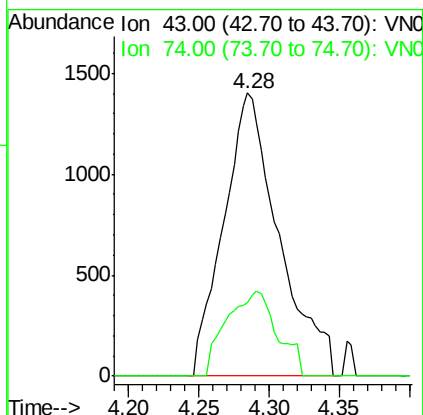
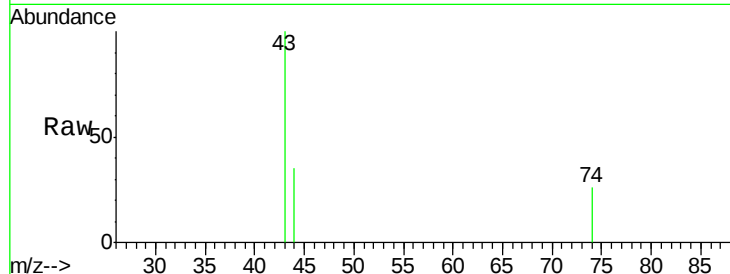




#18
Methyl Acetate
Concen: 2.405 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN061931.D
Acq: 19 Jun 2020 4:54

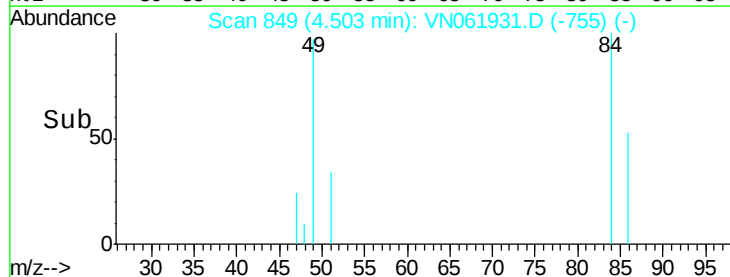
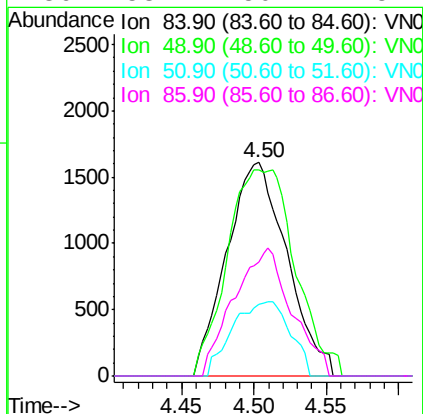
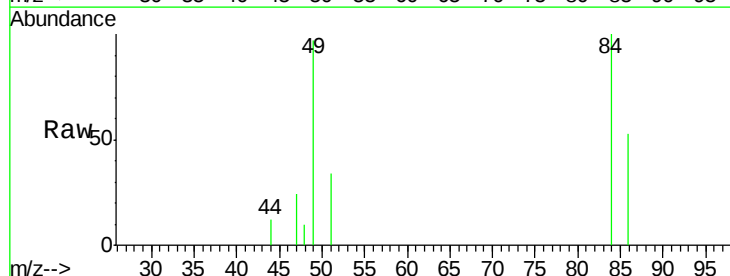
Instrument :
MSVOA_N
ClientSampleId :
PB129596ZHE#08

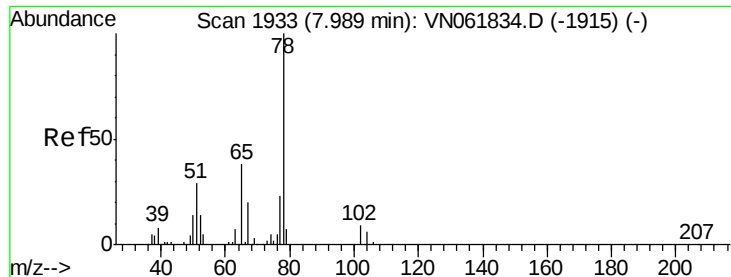
Tot Ion: 43 Resp: 3835
Ion Ratio Lower Upper
43 100
74 27.5 23.0 34.4



#20
Methylene Chloride
Concen: 2.575 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061931.D
Acq: 19 Jun 2020 4:54

Tgt Ion: 84 Resp: 4647
Ion Ratio Lower Upper
84 100
49 96.6 87.0 130.4
51 33.8 27.8 41.6
86 53.1 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 51.078 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061931.D

Acq: 19 Jun 2020 4:54

Instrument :

MSVOA_N

ClientSampleId :

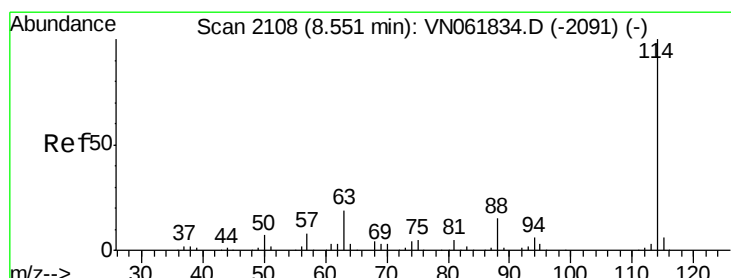
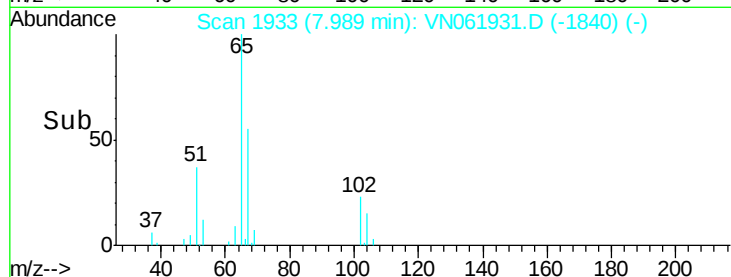
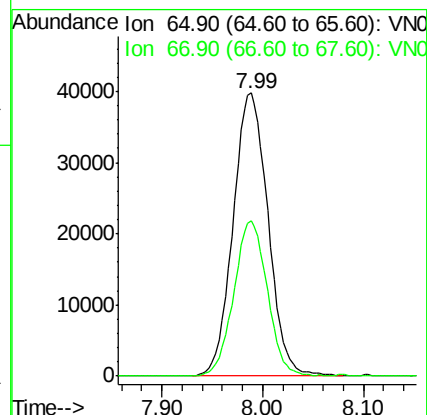
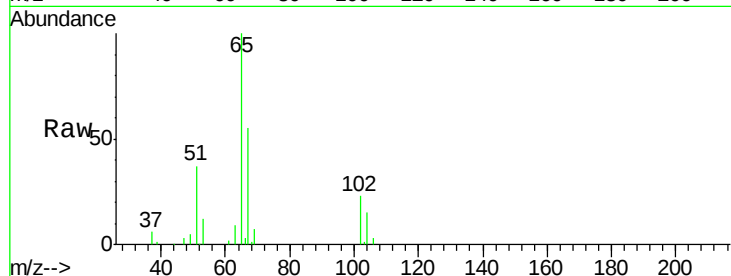
PB129596ZHE#08

Tot Ion: 65 Resp: 95775

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061931.D

Acq: 19 Jun 2020 4:54

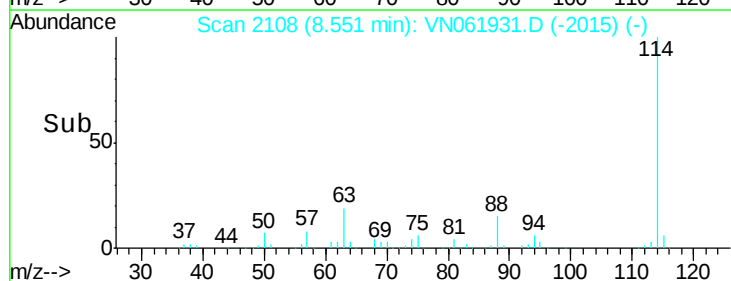
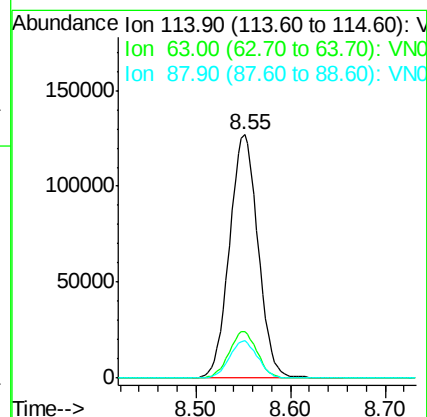
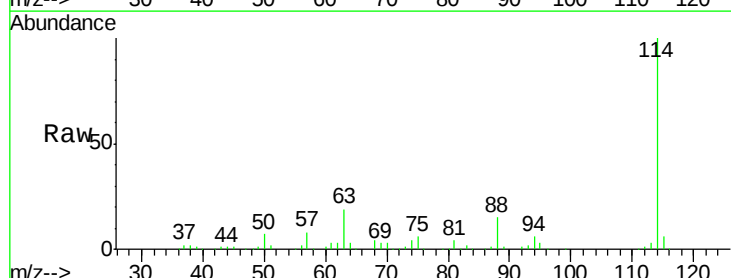
Tgt Ion: 114 Resp: 265900

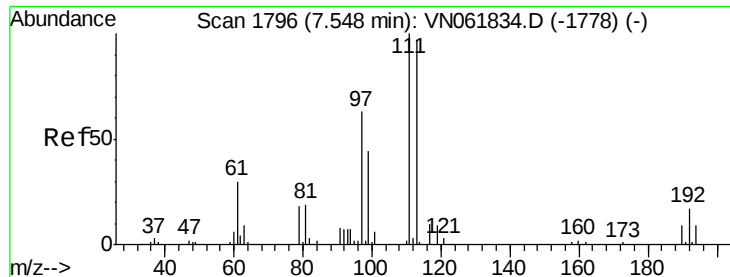
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 15.2 0.0 31.0

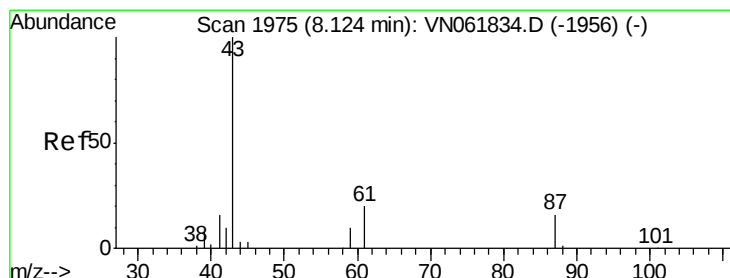
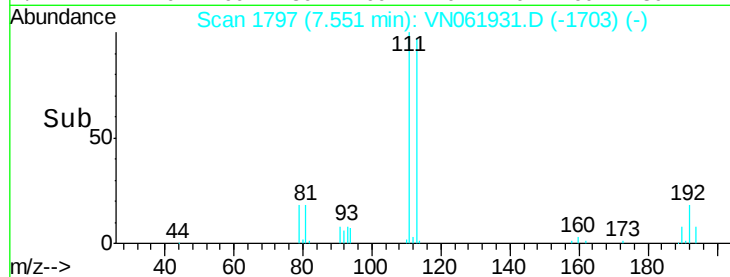
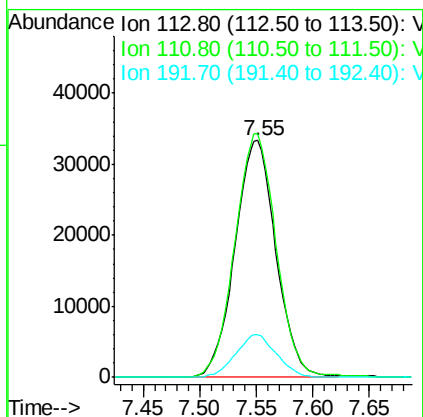
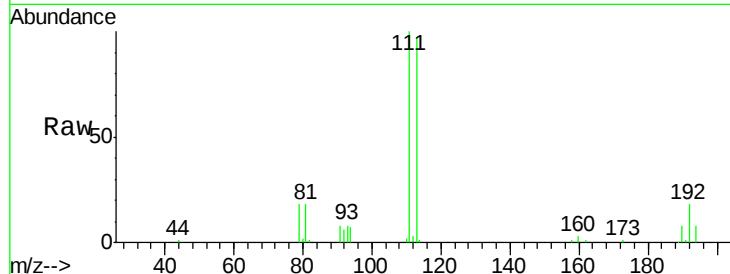




#35
 Dibromofluoromethane
 Concen: 49.341 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061931.D
 Acq: 19 Jun 2020 4:54

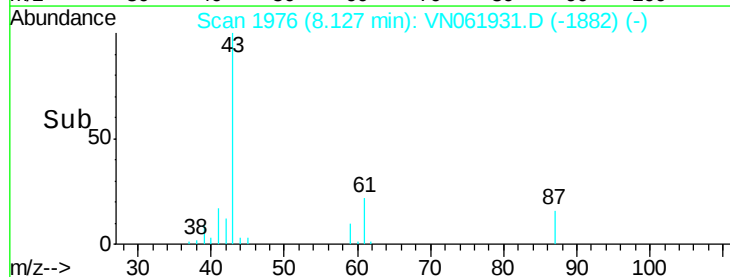
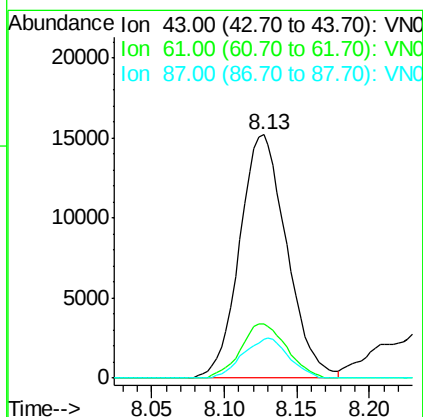
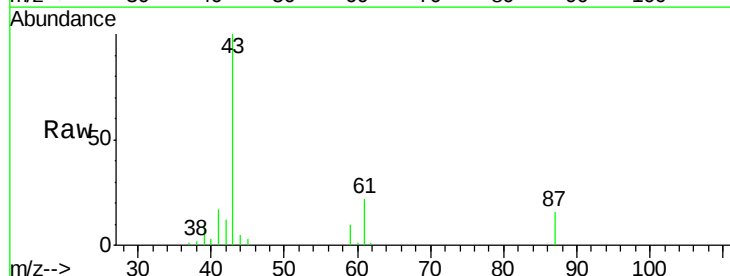
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129596ZHE#08

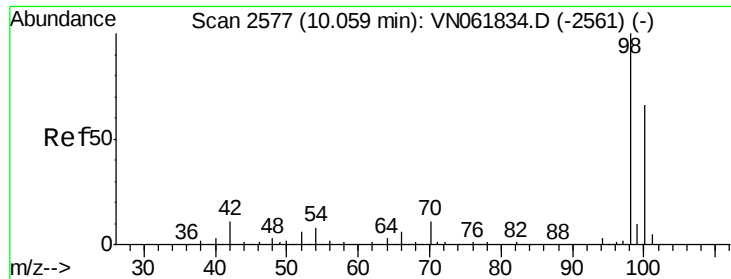
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.7	125.5
192	17.9	13.9	20.9



#43
 Isopropyl Acetate
 Concen: 10.748 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061931.D
 Acq: 19 Jun 2020 4:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.8	24.0	36.0#
87	15.9	12.5	18.7





#50

Toluene-d8

Concen: 50.949 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061931.D

Acq: 19 Jun 2020 4:54

Instrument :

MSVOA_N

ClientSampleId :

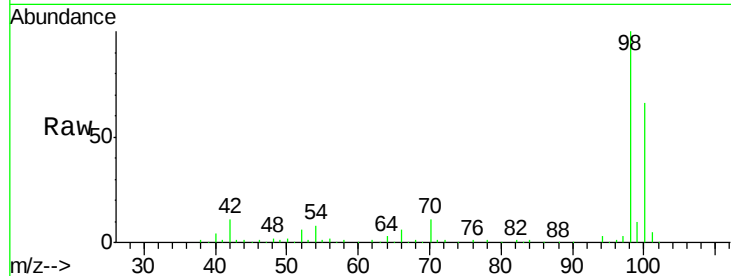
PB129596ZHE#08

Tot Ion: 98 Resp: 340733

Ion Ratio Lower Upper

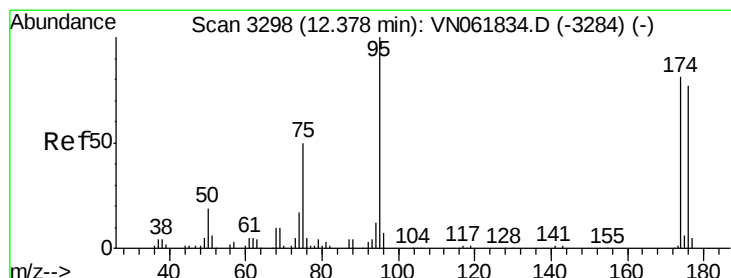
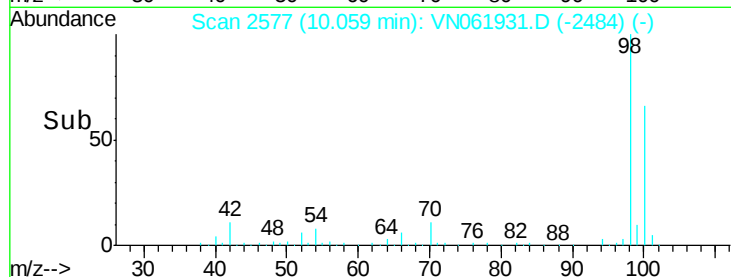
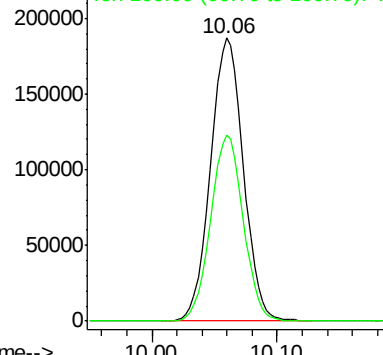
98 100

100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 49.408 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061931.D

Acq: 19 Jun 2020 4:54

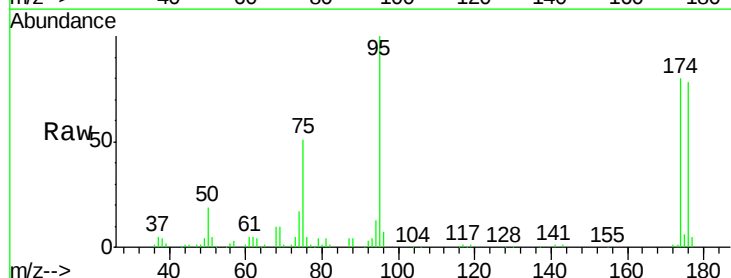
Tgt Ion: 95 Resp: 113341

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.6

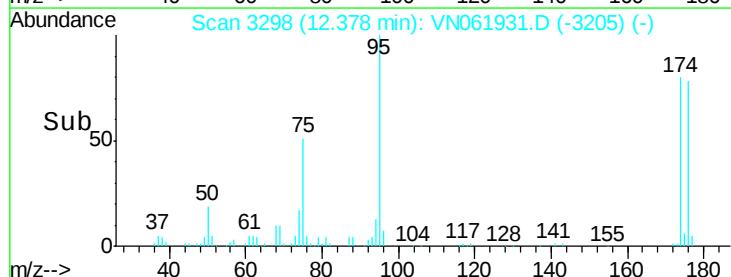
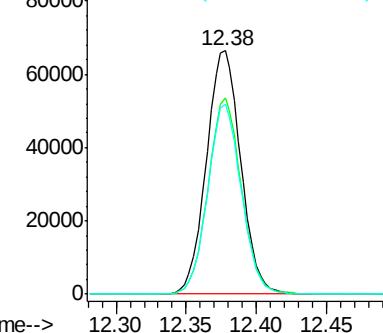
176 76.2 0.0 152.0

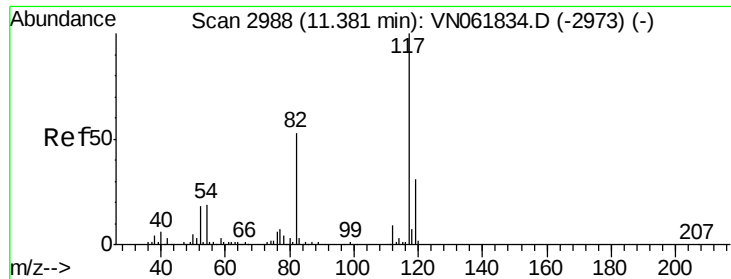


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

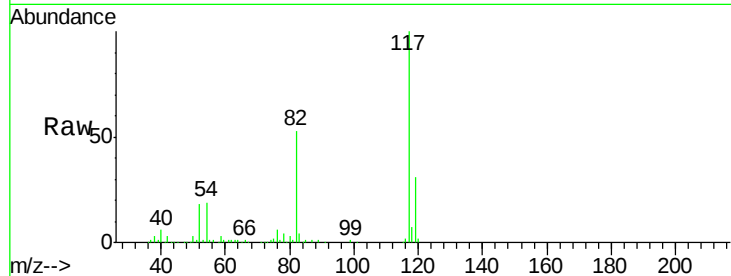




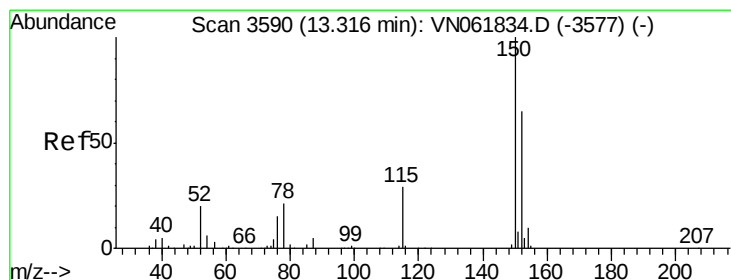
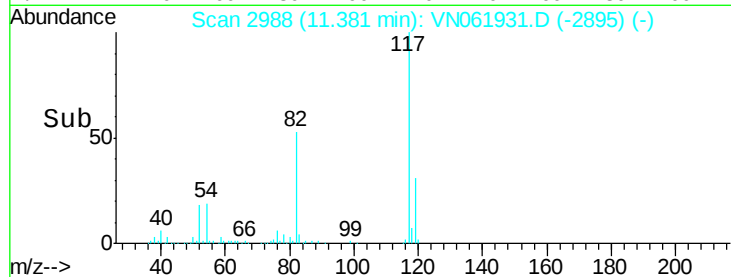
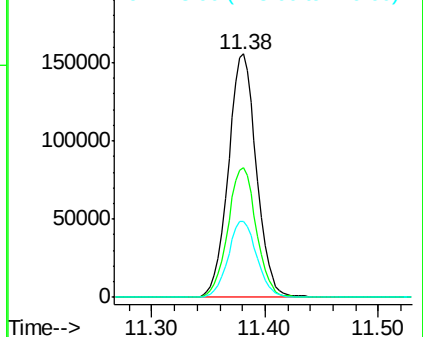
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061931.D
Acq: 19 Jun 2020 4:54

Instrument :
MSVOA_N
ClientSampleId :
PB129596ZHE#08

Tot Ion:117 Resp: 268307
Ion Ratio Lower Upper
117 100
82 53.4 42.6 64.0
119 31.4 24.7 37.1

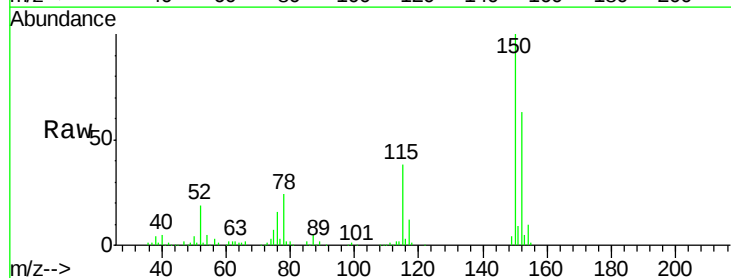


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061931.D
Acq: 19 Jun 2020 4:54

Tgt Ion:152 Resp: 102143
Ion Ratio Lower Upper
152 100
115 59.7 29.1 87.3
150 158.7 0.0 347.6



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

