

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062171.D
 Acq On : 27 Jun 2020 4:41
 Operator : JC/MD
 Sample : PB129754ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129754ZHE#02

Quant Time: Jun 27 07:04:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

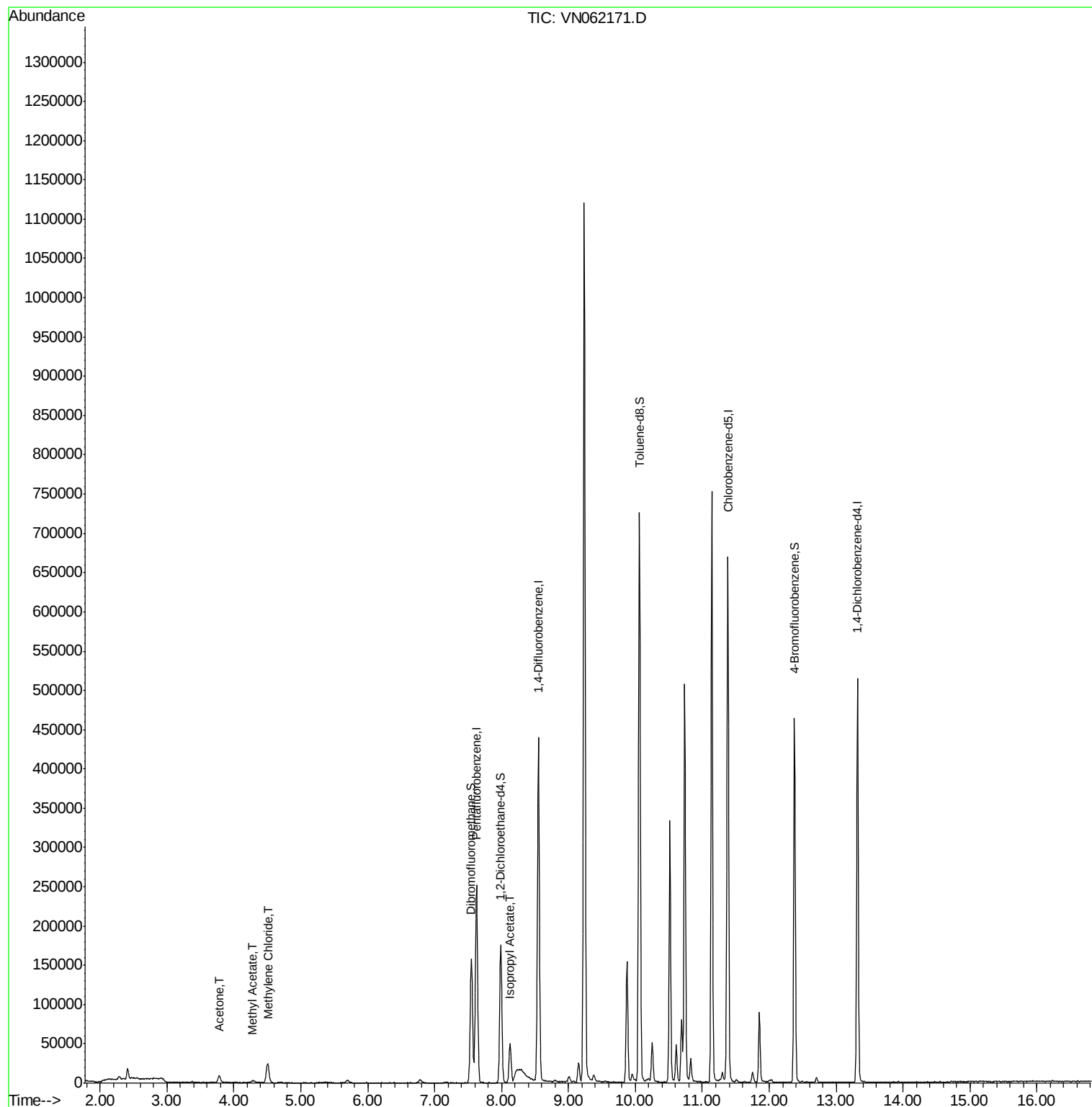
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	148382	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	7.55	113	123268	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	10.06	98	505789	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.38	95	164784	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
Target Compounds						
16) Acetone	3.78	43	16207	14.489	ug/l	98
18) Methyl Acetate	4.28	43	5302	2.365	ug/l #	79
20) Methylene Chloride	4.51	84	19526	7.356	ug/l	88
43) Isopropyl Acetate	8.13	43	57513	10.766	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062171.D
Acq On : 27 Jun 2020 4:41
Operator : JC/MD
Sample : PB129754ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB129754ZHE#02

Quant Time: Jun 27 07:04:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062171.D

Acq: 27 Jun 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

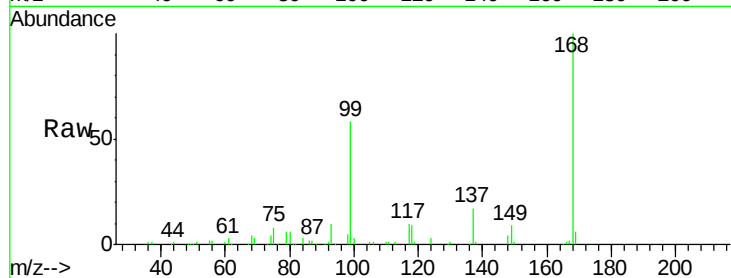
PB129754ZHE#02

Tot Ion:168 Resp: 200996

Ion Ratio Lower Upper

168 100

99 58.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

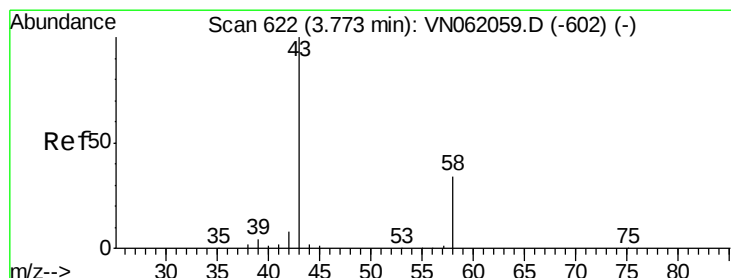
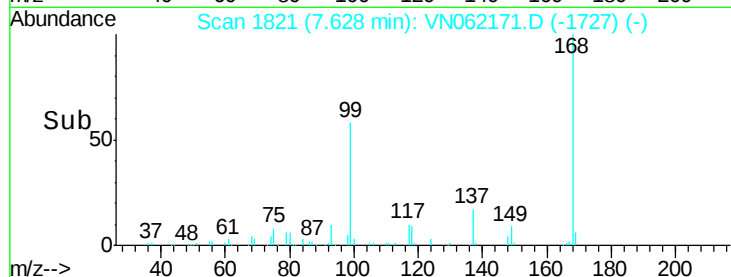
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 14.489 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062171.D

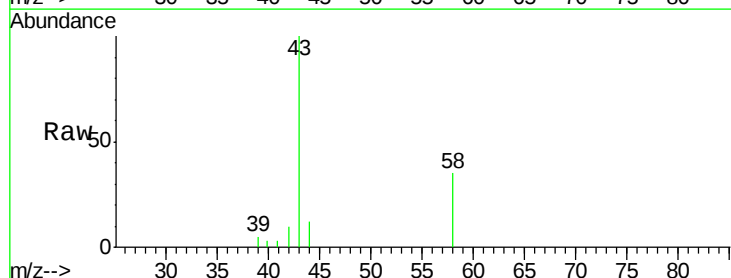
Acq: 27 Jun 2020 4:41

Tgt Ion: 43 Resp: 16207

Ion Ratio Lower Upper

43 100

58 35.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

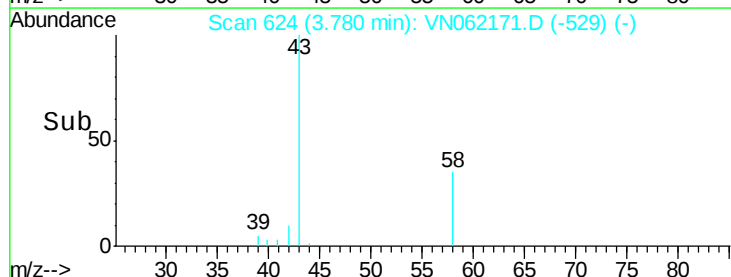
6000

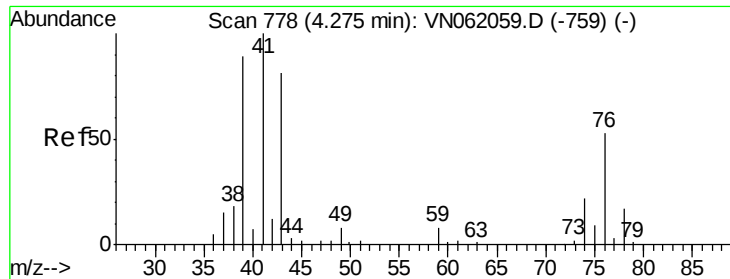
4000

2000

0

Time--> 3.70 3.80 3.90

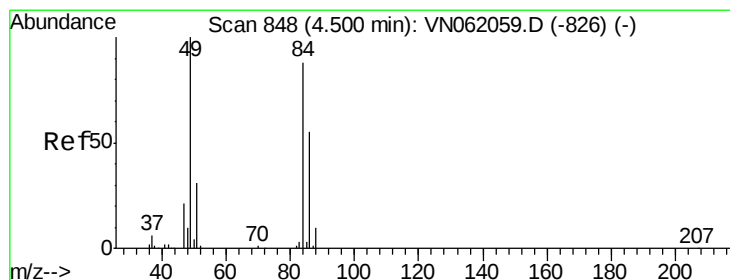
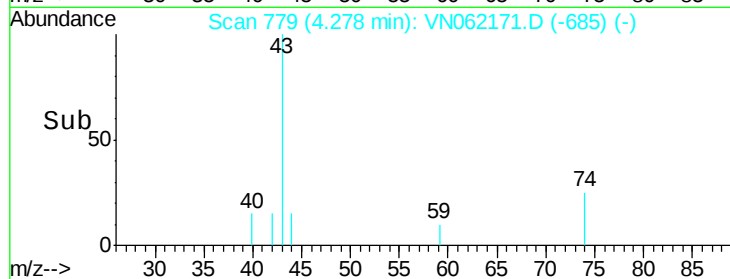
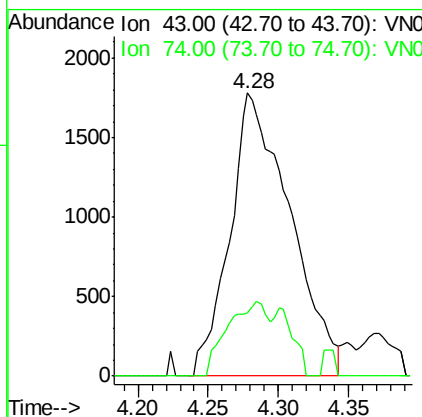
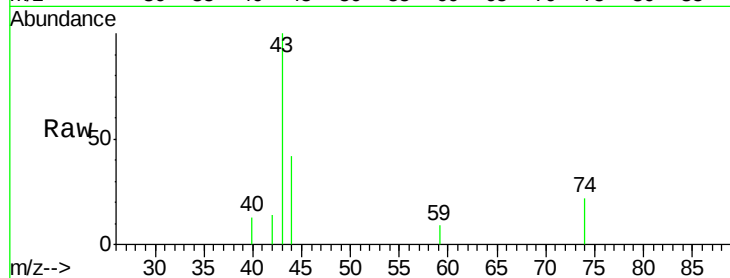




#18
Methyl Acetate
Concen: 2.365 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062171.D
Acq: 27 Jun 2020 4:41

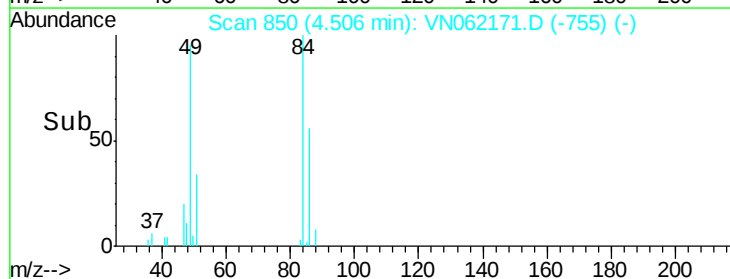
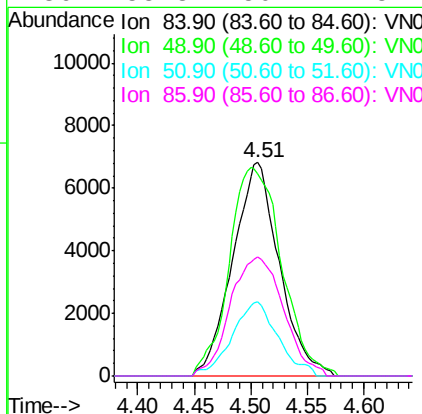
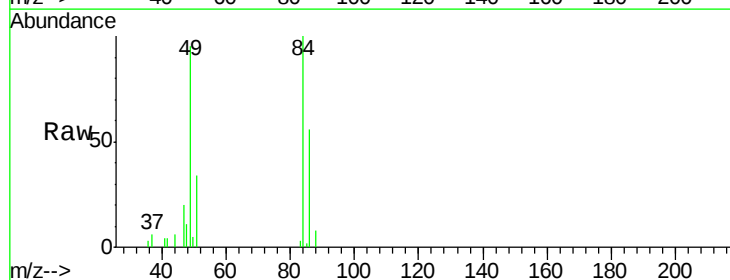
Instrument :
MSVOA_N
ClientSampleId :
PB129754ZHE#02

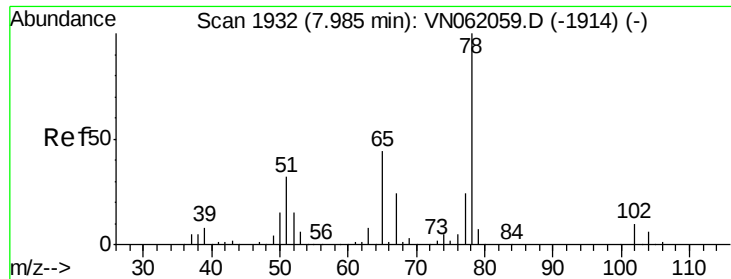
Tot Ion: 43 Resp: 5302
Ion Ratio Lower Upper
43 100
74 17.7 22.9 34.3#



#20
Methylene Chloride
Concen: 7.356 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062171.D
Acq: 27 Jun 2020 4:41

Tgt Ion: 84 Resp: 19526
Ion Ratio Lower Upper
84 100
49 94.6 90.6 136.0
51 34.5 27.8 41.8
86 55.8 50.1 75.1

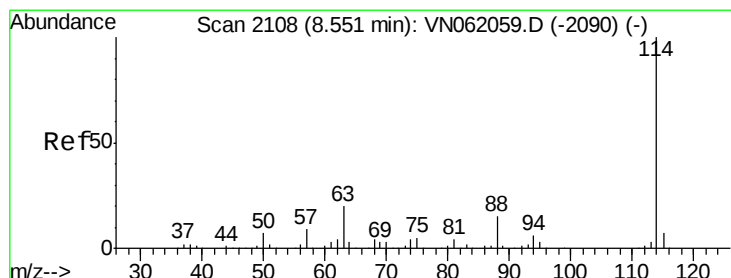
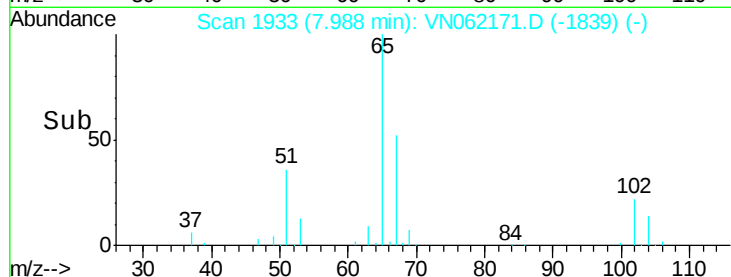
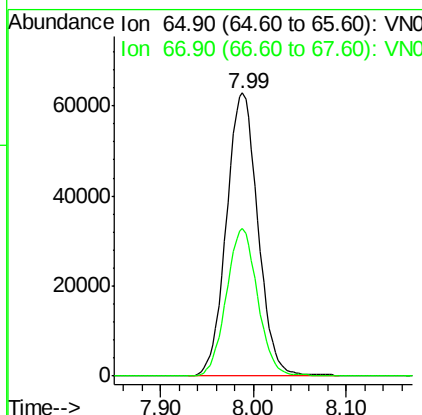
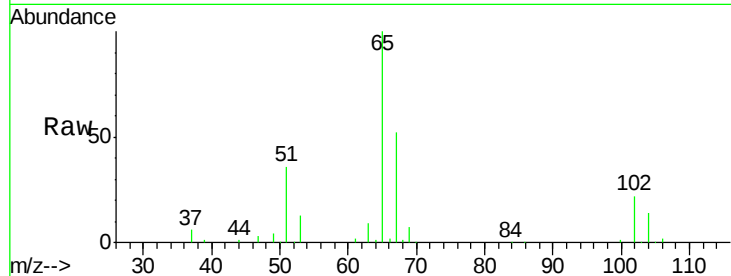




#33
 1,2-Dichloroethane-d4
 Concen: 52.606 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062171.D
 Acq: 27 Jun 2020 4:41

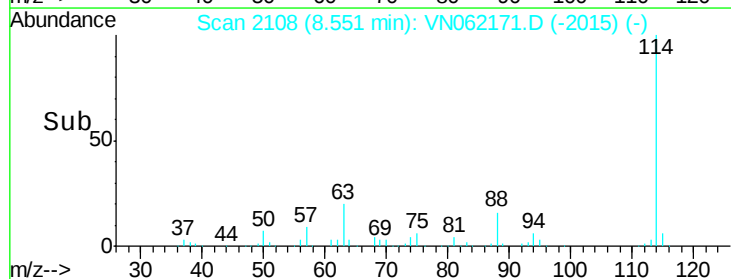
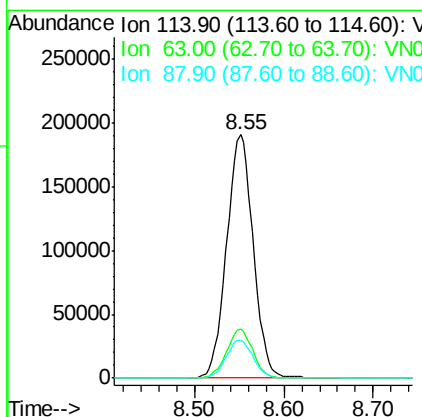
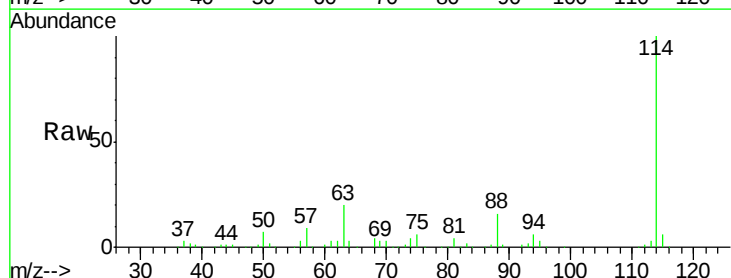
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129754ZHE#02

Tot Ion: 65 Resp: 148382
 Ion Ratio Lower Upper
 65 100
 67 51.5 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: VN062171.D
 Acq: 27 Jun 2020 4:41

Tgt Ion: 114 Resp: 393726
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.5 0.0 30.8

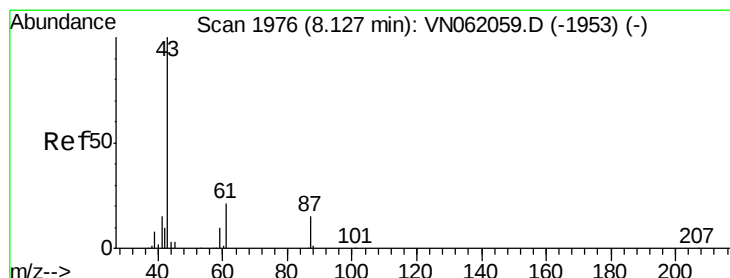
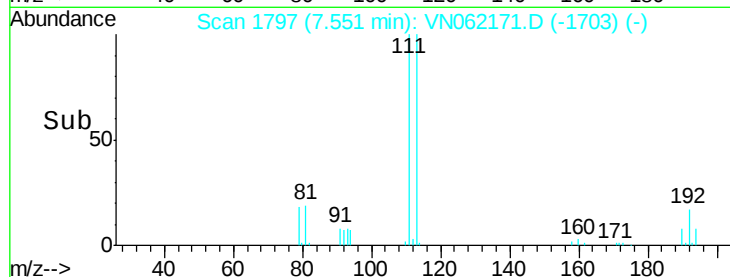
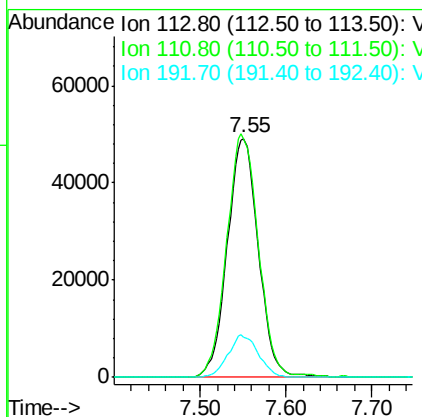
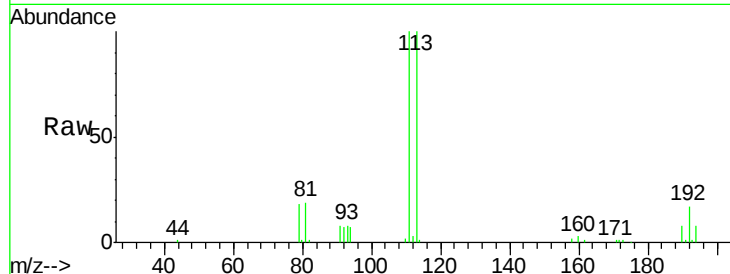




#35
 Dibromofluoromethane
 Concen: 48.801 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062171.D
 Acq: 27 Jun 2020 4:41

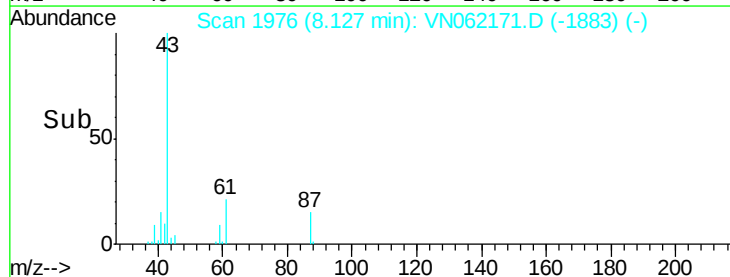
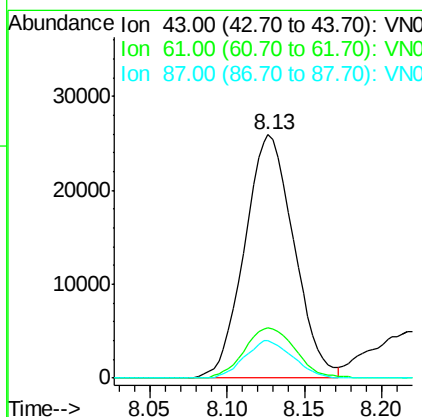
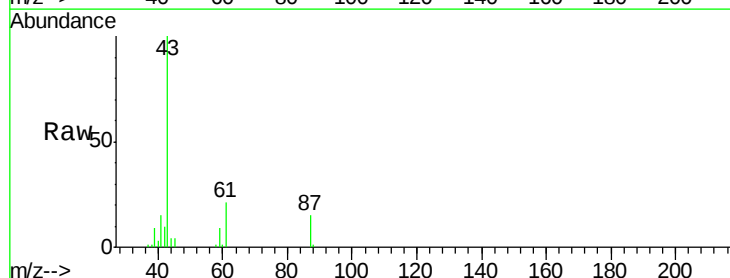
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129754ZHE#02

Tot Ion:113 Resp: 123268
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 17.3 14.0 21.0



#43
 Isopropyl Acetate
 Concen: 10.766 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062171.D
 Acq: 27 Jun 2020 4:41

Tgt Ion: 43 Resp: 57513
 Ion Ratio Lower Upper
 43 100
 61 21.3 17.2 25.8
 87 14.8 12.1 18.1





#50

Toluene-d8

Concen: 50.093 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062171.D

Acq: 27 Jun 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

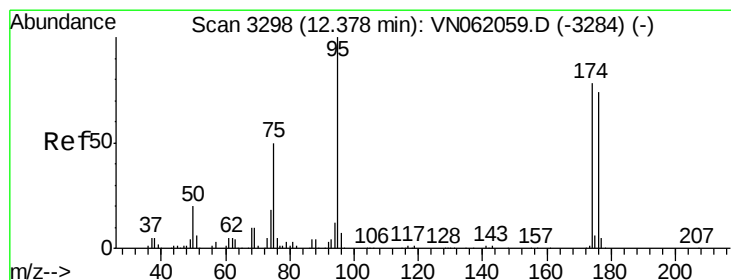
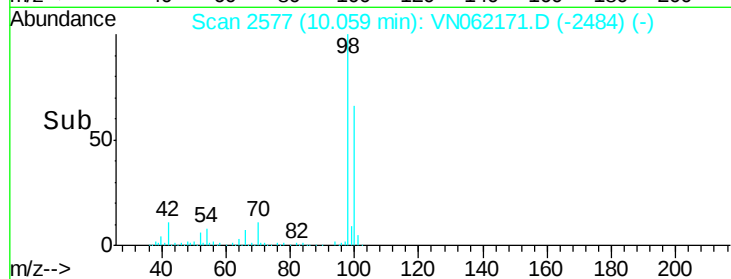
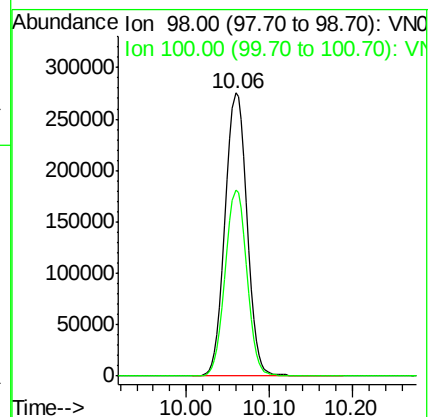
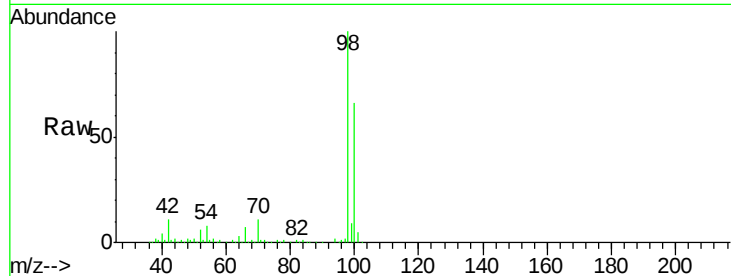
PB129754ZHE#02

Tot Ion: 98 Resp: 505789

Ion Ratio Lower Upper

98 100

100 65.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.305 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062171.D

Acq: 27 Jun 2020 4:41

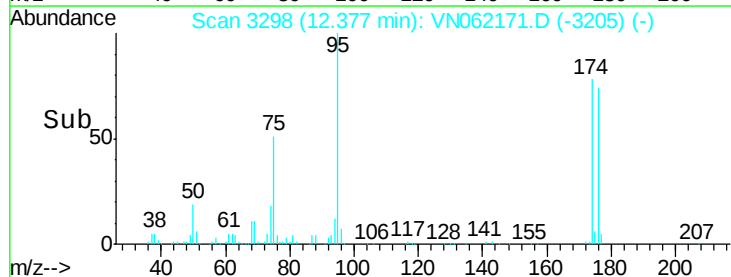
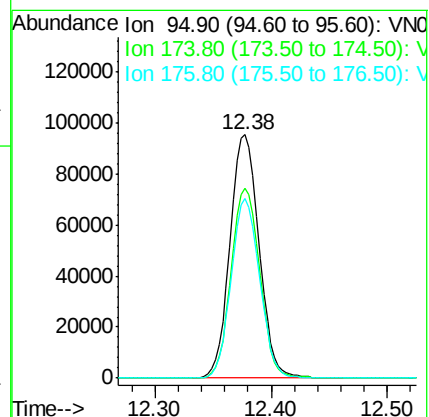
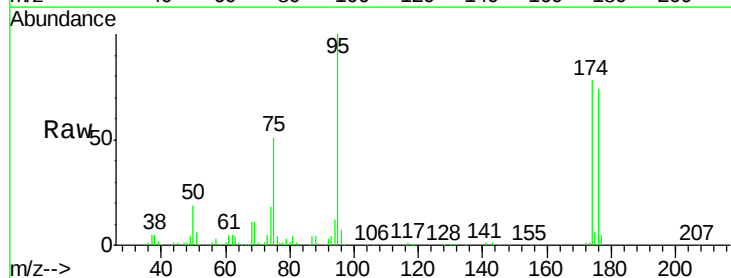
Tgt Ion: 95 Resp: 164784

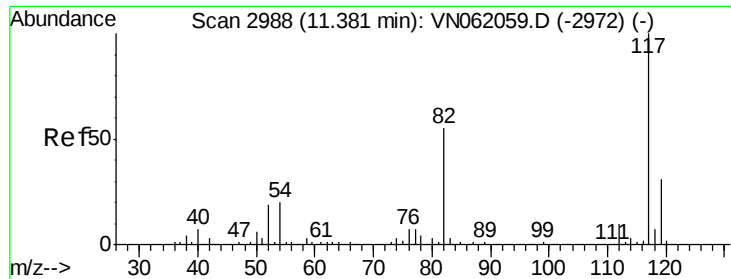
Ion Ratio Lower Upper

95 100

174 77.2 0.0 154.8

176 72.4 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062171.D

Acq: 27 Jun 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

PB129754ZHE#02

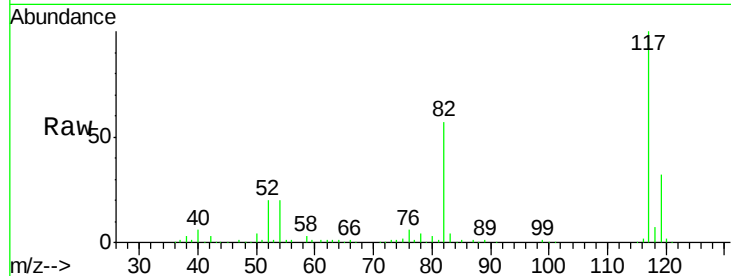
Tot Ion:117 Resp: 388354

Ion Ratio Lower Upper

117 100

82 56.8 43.8 65.8

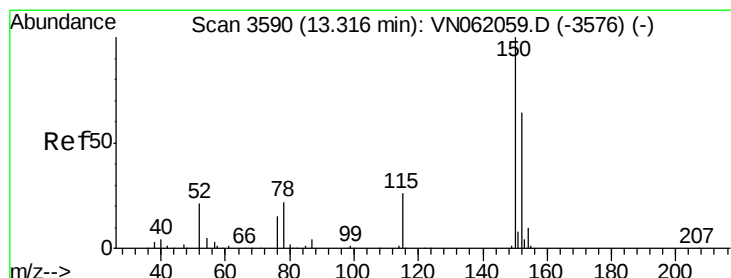
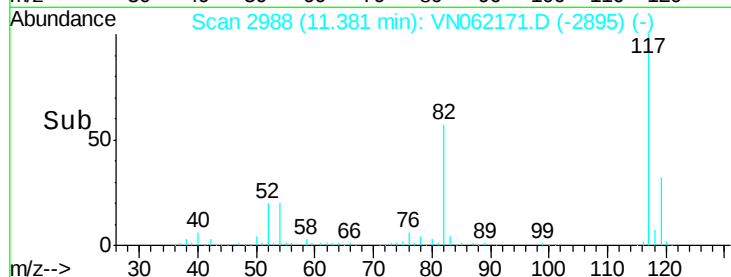
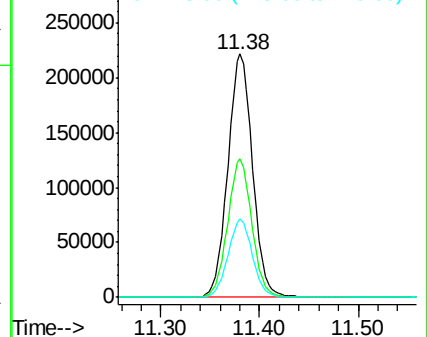
119 32.0 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN062171.D

Acq: 27 Jun 2020 4:41

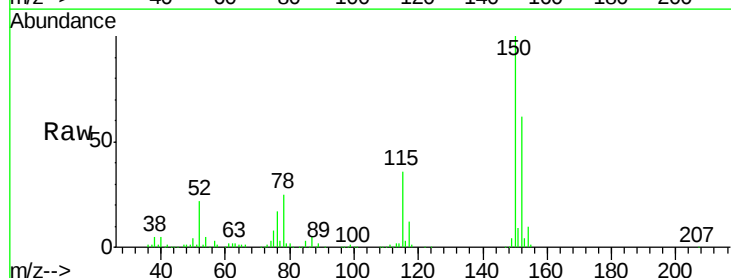
Tgt Ion:152 Resp: 138728

Ion Ratio Lower Upper

152 100

115 59.5 29.5 88.5

150 159.0 0.0 351.4



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

