

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062031.D
 Acq On : 23 Jun 2020 5:10
 Operator : JC/MD
 Sample : PB129655ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129655ZHE#01

Quant Time: Jun 23 07:41:07 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

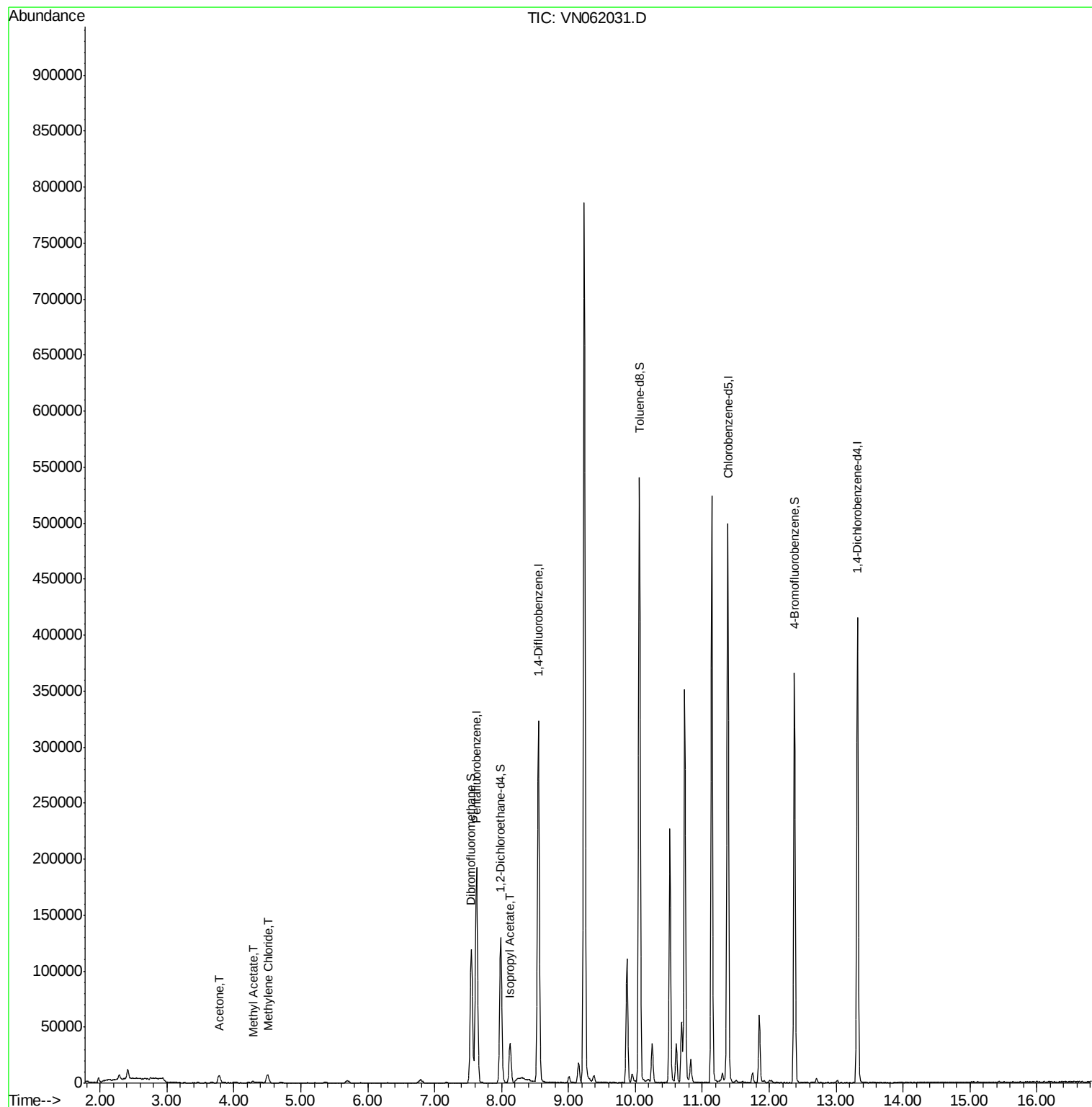
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	158967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	297359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108116	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	92243	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	10.06	98	379506	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.38	95	128120	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
Target Compounds						
16) Acetone	3.78	43	11484	18.236	ug/l	99
18) Methyl Acetate	4.28	43	2216	1.222	ug/l #	67
20) Methylene Chloride	4.51	84	5786	2.820	ug/l	93
43) Isopropyl Acetate	8.13	43	40079	11.229	ug/l #	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
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Quant Time: Jun 23 07:41:07 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: VN062031.D

Acq: 23 Jun 2020 5:10

Instrument :

MSVOA_N

ClientSampleId :

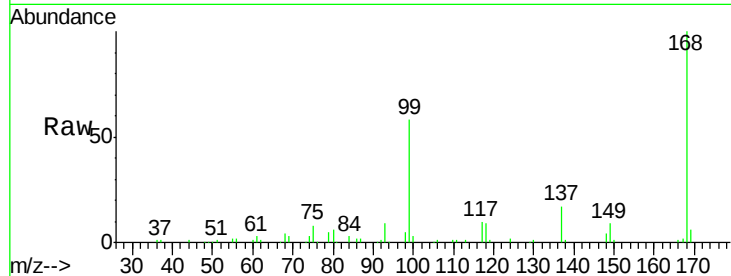
PB129655ZHE#01

Tot Ion:168 Resp: 158967

Ion Ratio Lower Upper

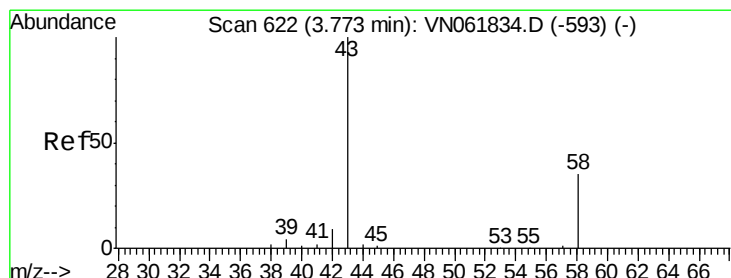
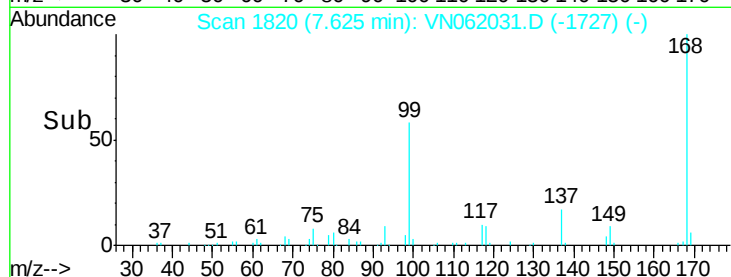
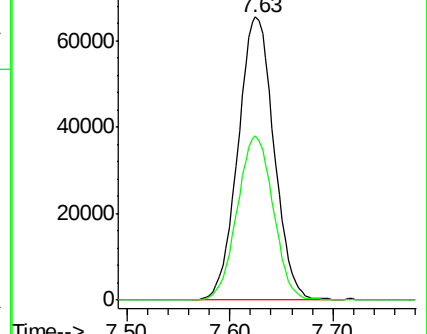
168 100

99 57.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 18.236 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062031.D

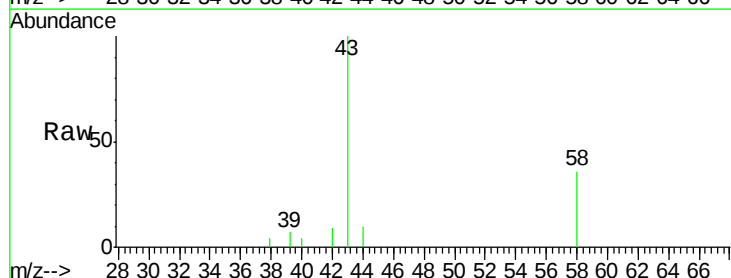
Acq: 23 Jun 2020 5:10

Tgt Ion: 43 Resp: 11484

Ion Ratio Lower Upper

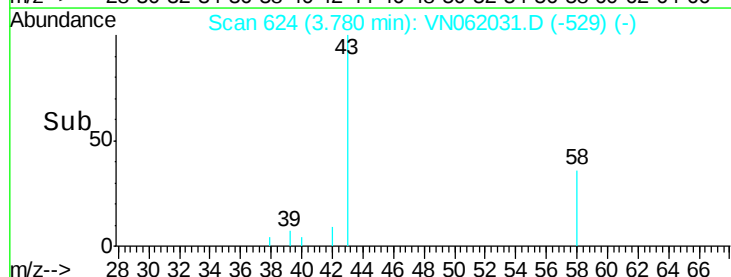
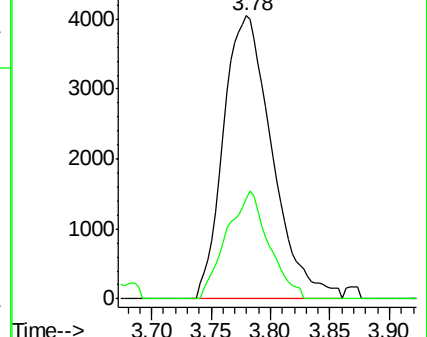
43 100

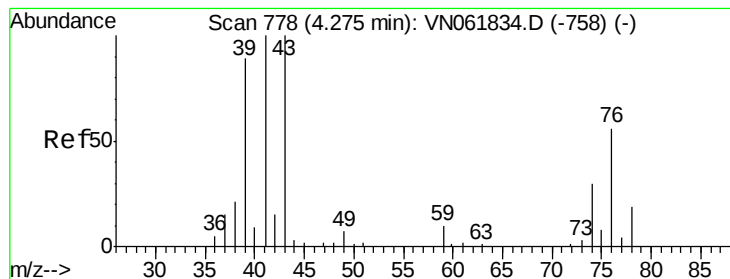
58 35.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 1.222 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062031.D

Acq: 23 Jun 2020 5:10

Instrument :

MSVOA_N

ClientSampleId :

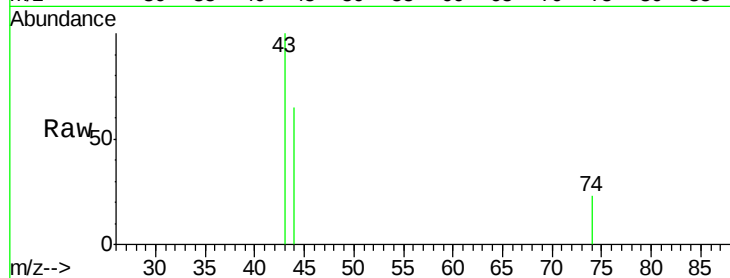
PB129655ZHE#01

Tot Ion: 43 Resp: 2216

Ion Ratio Lower Upper

43 100

74 11.2 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

800

600

400

200

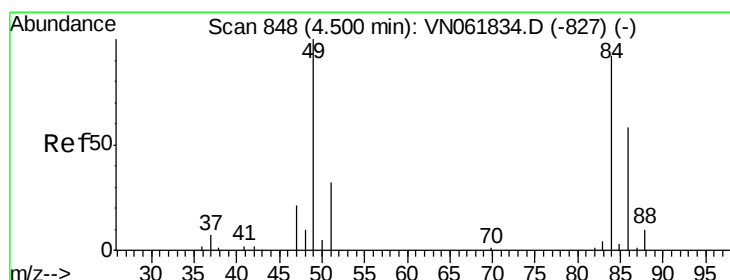
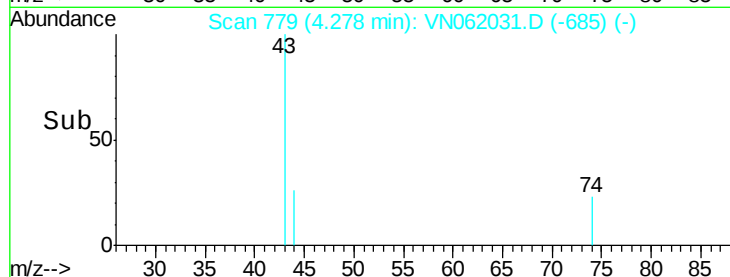
0

4.25

4.30

4.35

Time-->



#20

Methylene Chloride

Concen: 2.820 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN062031.D

Acq: 23 Jun 2020 5:10

Tgt Ion: 84 Resp: 5786

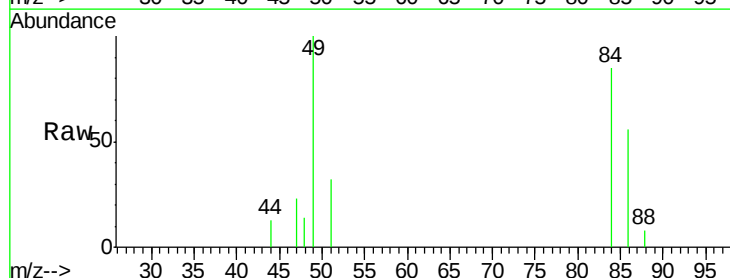
Ion Ratio Lower Upper

84 100

49 117.5 87.0 130.4

51 37.3 27.8 41.6

86 66.2 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

3000

2000

1000

0

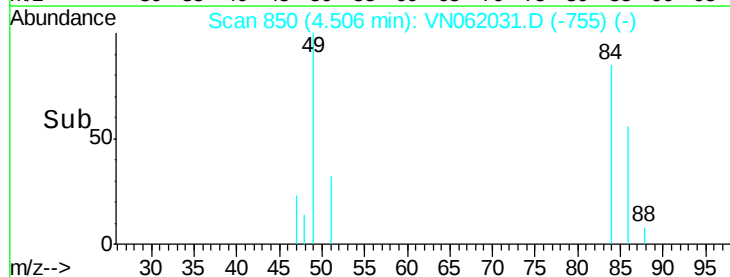
4.40

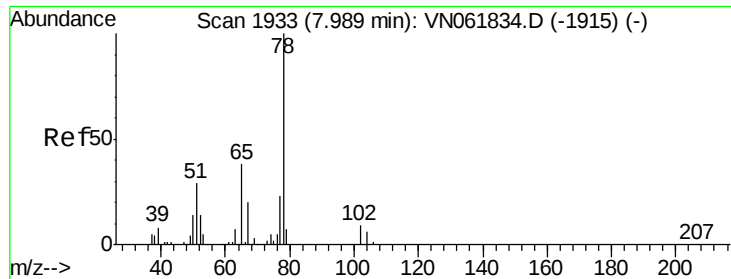
4.45

4.50

4.55

Time-->

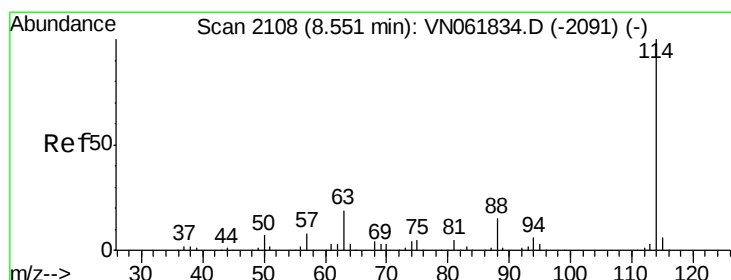
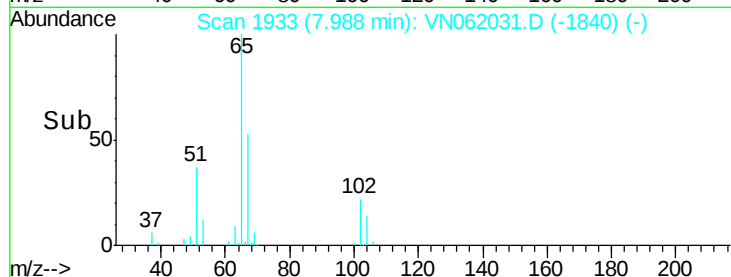
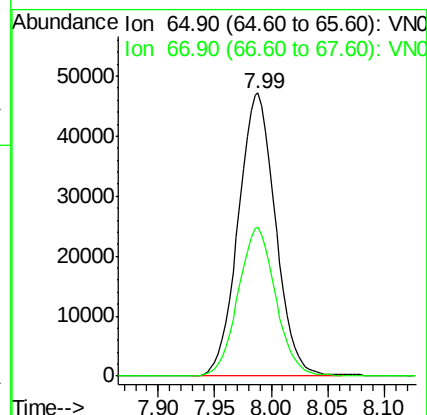
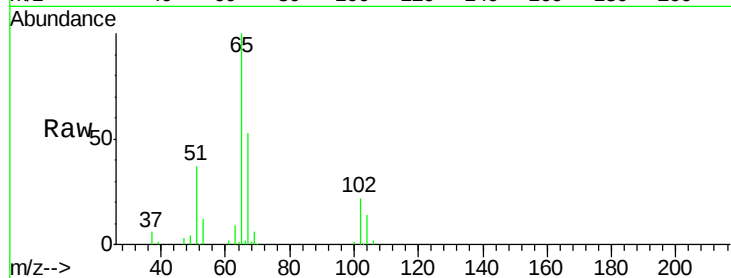




#33
 1,2-Dichloroethane-d4
 Concen: 50.712 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062031.D
 Acq: 23 Jun 2020 5:10

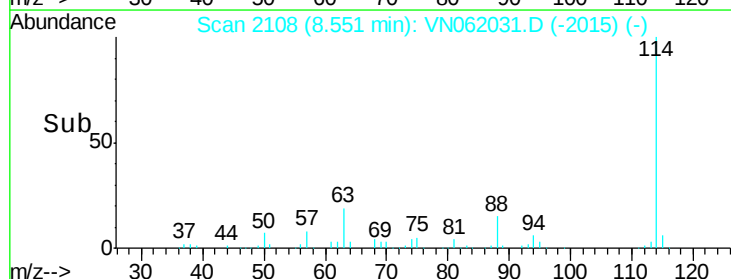
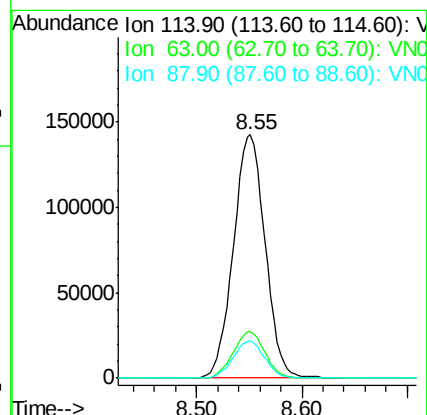
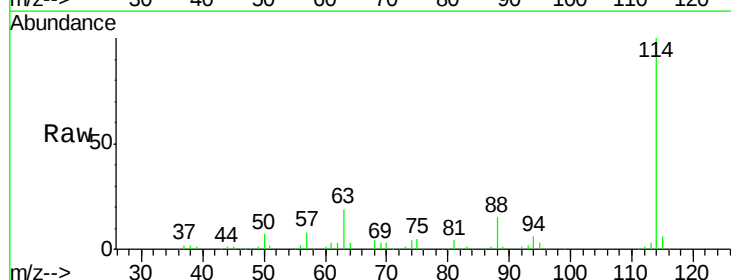
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129655ZHE#01

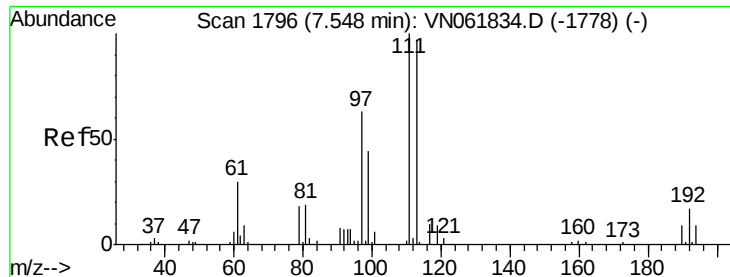
Tot Ion: 65 Resp: 108116
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062031.D
 Acq: 23 Jun 2020 5:10

Tgt Ion: 114 Resp: 297359
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.6
 88 15.2 0.0 31.0

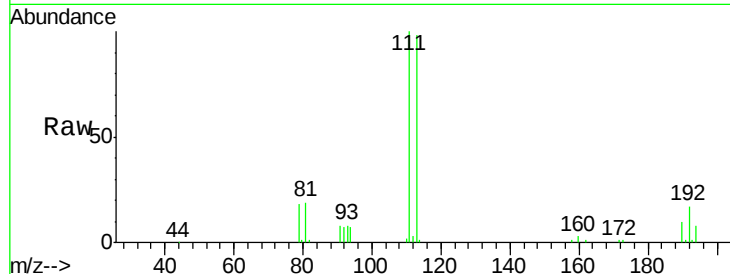




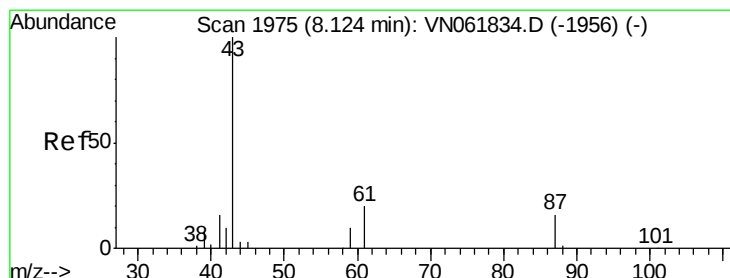
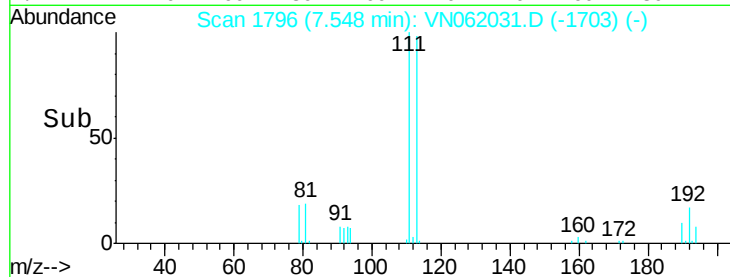
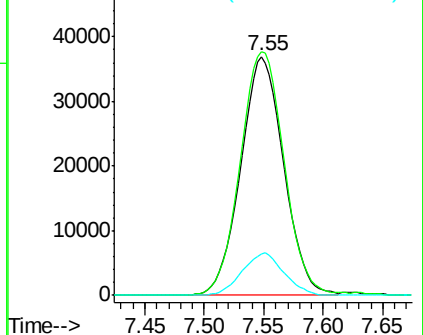
#35
 Dibromofluoromethane
 Concen: 48.489 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062031.D
 Acq: 23 Jun 2020 5:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129655ZHE#01

Tot Ion:113 Resp: 92243
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.7 125.5
 192 17.2 13.9 20.9

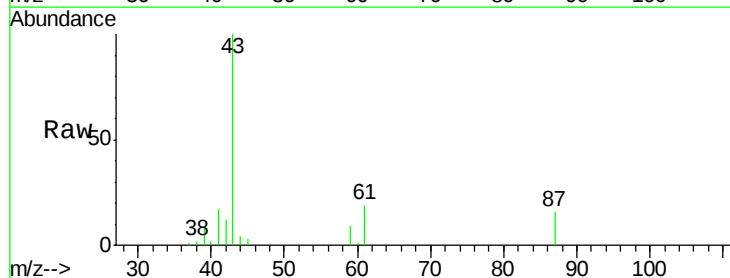


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

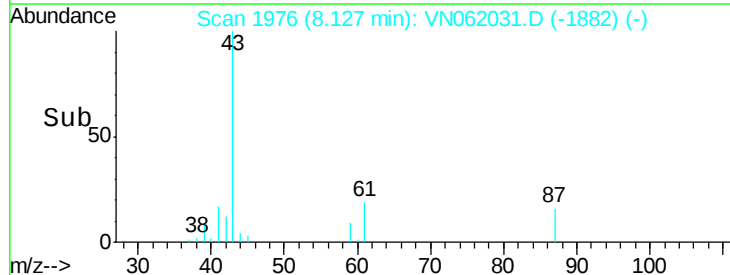
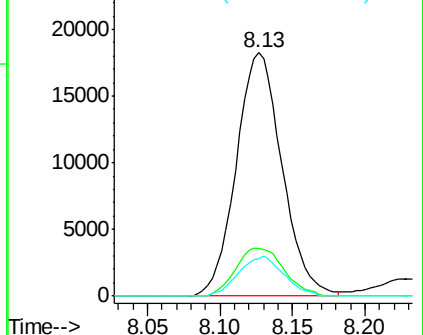


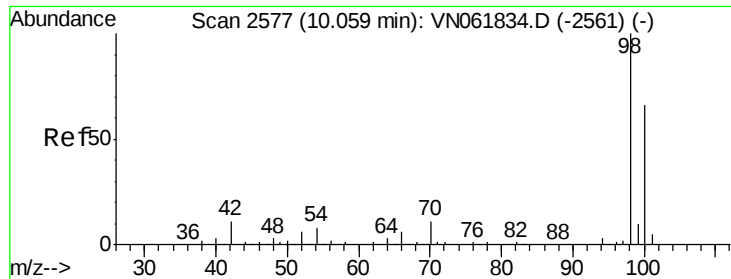
#43
 Isopropyl Acetate
 Concen: 11.229 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062031.D
 Acq: 23 Jun 2020 5:10

Tgt Ion: 43 Resp: 40079
 Ion Ratio Lower Upper
 43 100
 61 20.8 24.0 36.0#
 87 16.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 50.744 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062031.D

Acq: 23 Jun 2020 5:10

Instrument :

MSVOA_N

ClientSampleId :

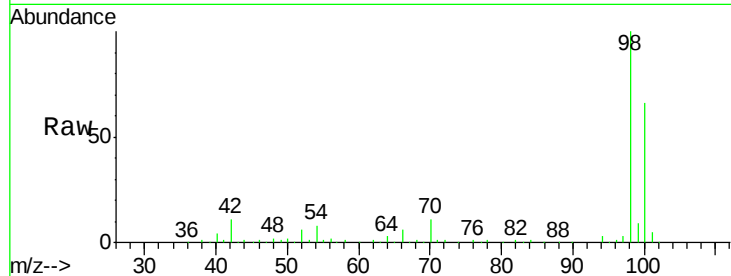
PB129655ZHE#01

Tot Ion: 98 Resp: 379506

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

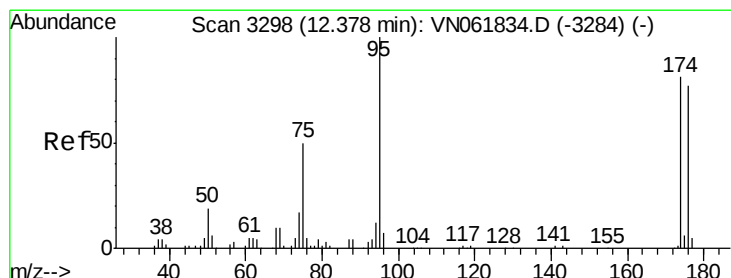
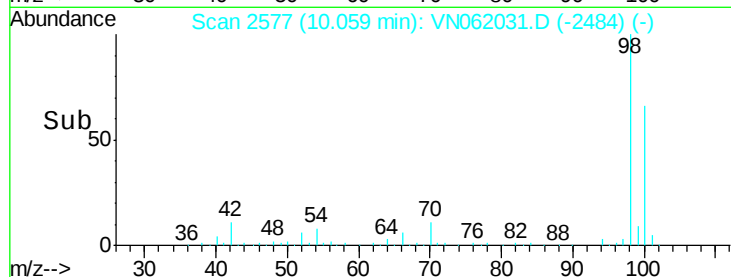
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.942 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062031.D

Acq: 23 Jun 2020 5:10

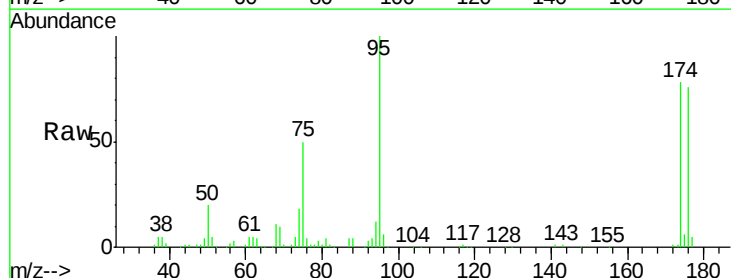
Tgt Ion: 95 Resp: 128120

Ion Ratio Lower Upper

95 100

174 77.9 0.0 158.6

176 75.3 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

12.38

100000

80000

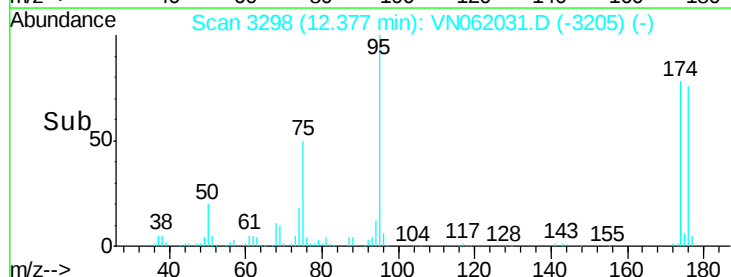
60000

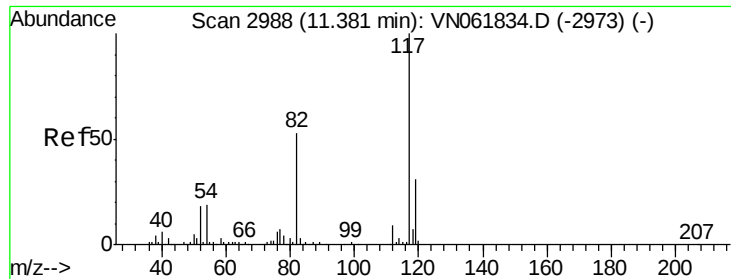
40000

20000

0

Time-->

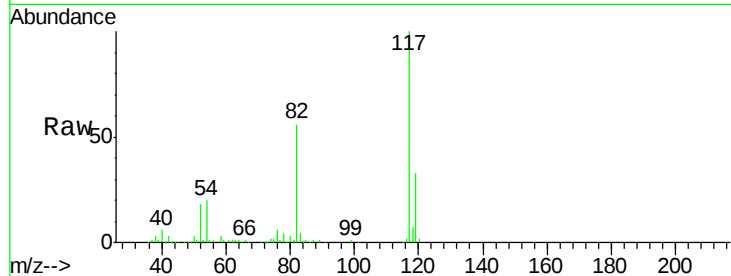




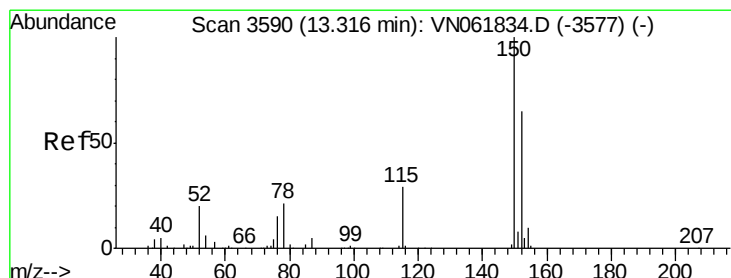
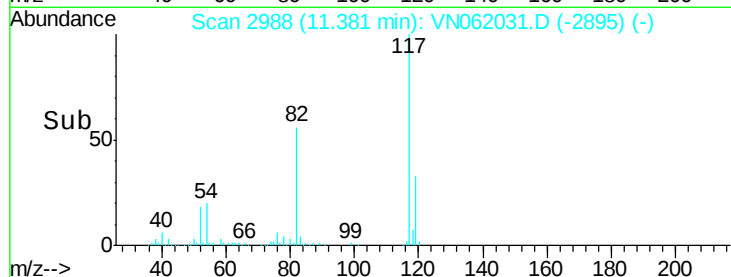
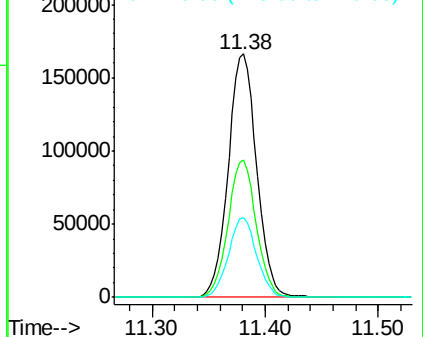
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062031.D
Acq: 23 Jun 2020 5:10

Instrument :
MSVOA_N
ClientSampleId :
PB129655ZHE#01

Tot Ion:117 Resp: 291394
Ion Ratio Lower Upper
117 100
82 56.2 42.6 64.0
119 33.0 24.7 37.1

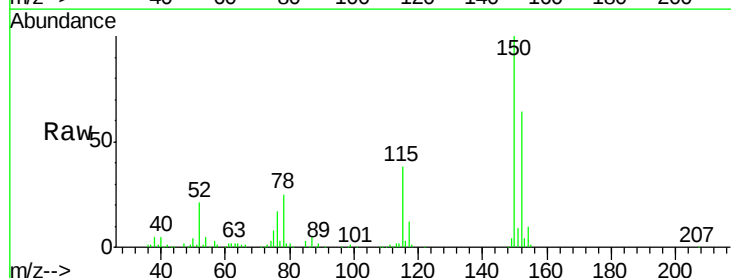


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062031.D
Acq: 23 Jun 2020 5:10

Tgt Ion:152 Resp: 112179
Ion Ratio Lower Upper
152 100
115 59.7 29.1 87.3
150 157.6 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

