

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062163.D
 Acq On : 27 Jun 2020 1:28
 Operator : JC/MD
 Sample : L3113-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: Jun 27 06:43:24 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

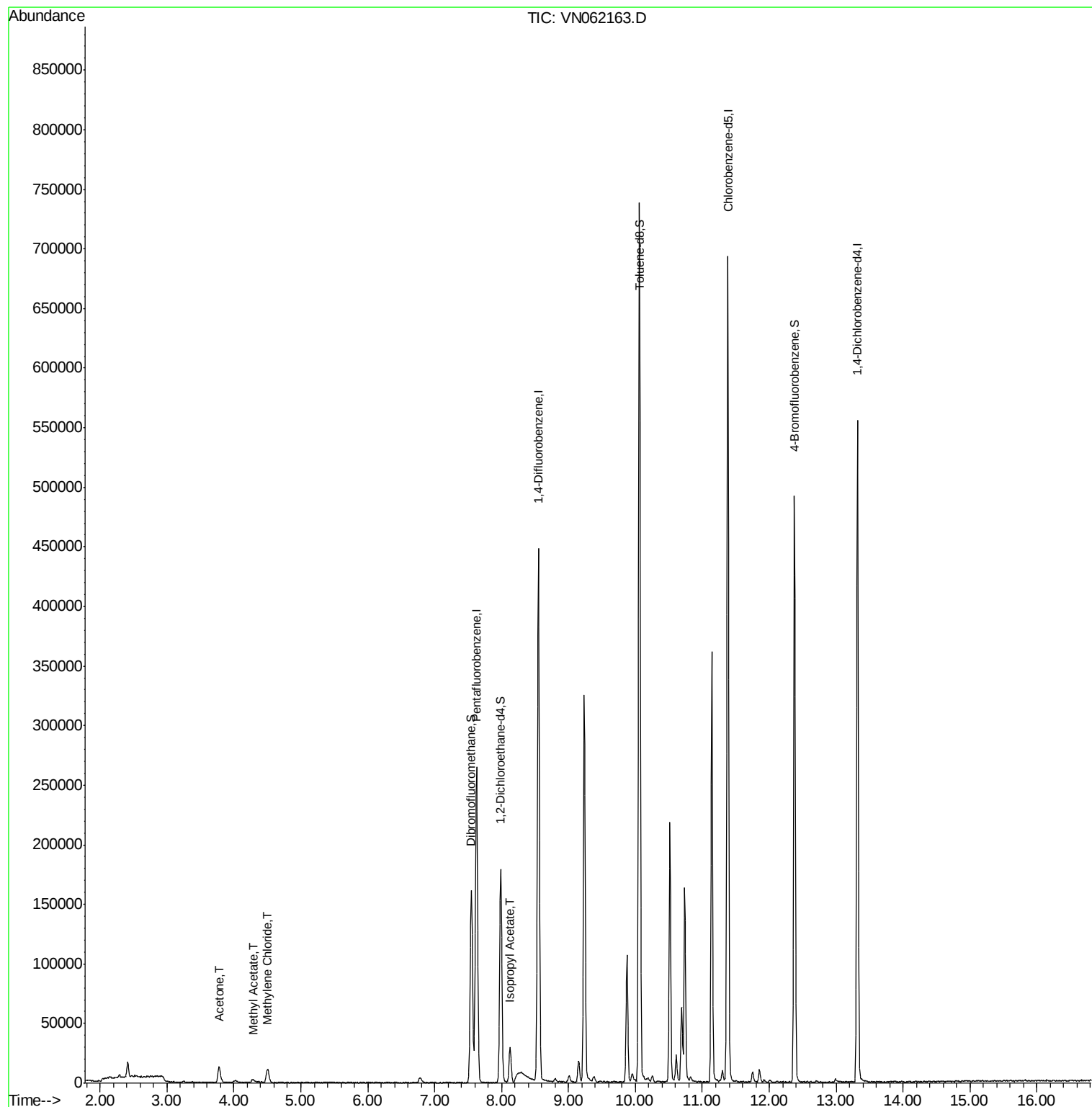
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	151407	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.55	113	125605	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.06	98	516794	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.38	95	171840	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
16) Acetone	3.78	43	23130	21.124	ug/l	95
18) Methyl Acetate	4.29	43	4532	1.921	ug/l #	79
20) Methylene Chloride	4.50	84	9107	3.140	ug/l	96
43) Isopropyl Acetate	8.13	43	33731	6.063	ug/l	99

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

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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: VN062163.D

Acq: 27 Jun 2020 1:28

Instrument :

MSVOA_N

ClientSampleId :

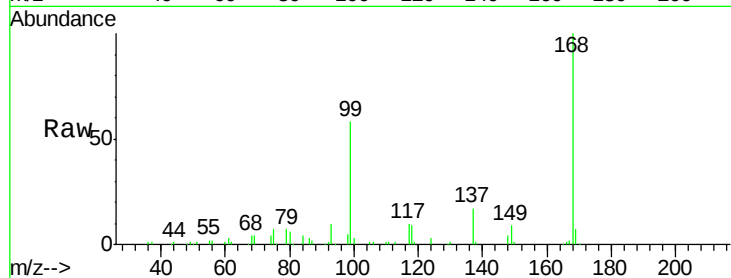
DRUM-COMP

Tot Ion:168 Resp: 211451

Ion Ratio Lower Upper

168 100

99 58.5 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

100000

80000

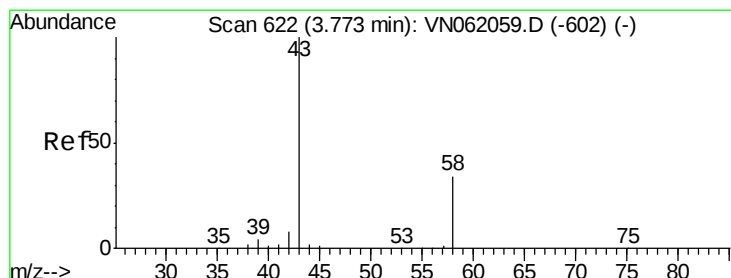
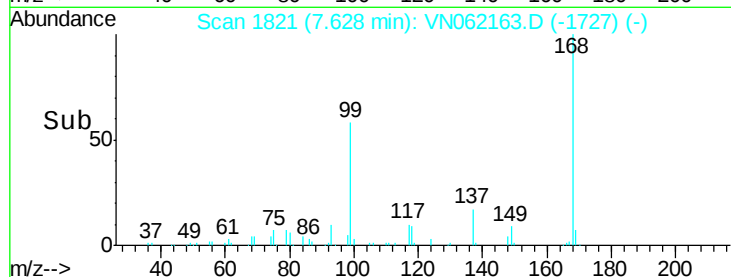
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 21.124 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062163.D

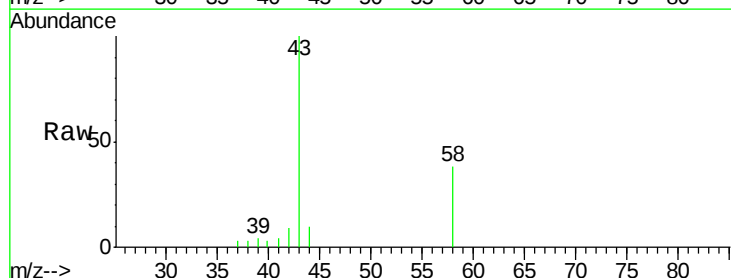
Acq: 27 Jun 2020 1:28

Tgt Ion: 43 Resp: 23130

Ion Ratio Lower Upper

43 100

58 37.6 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

8000

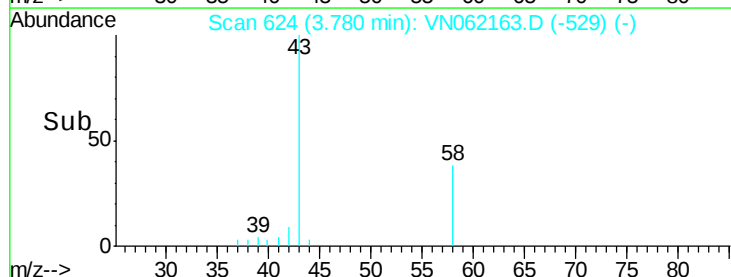
6000

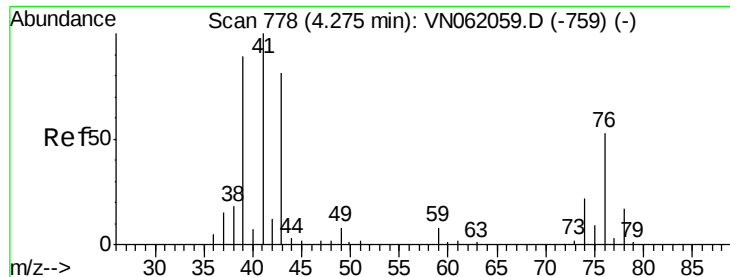
4000

2000

0

Time--> 3.70 3.80 3.90

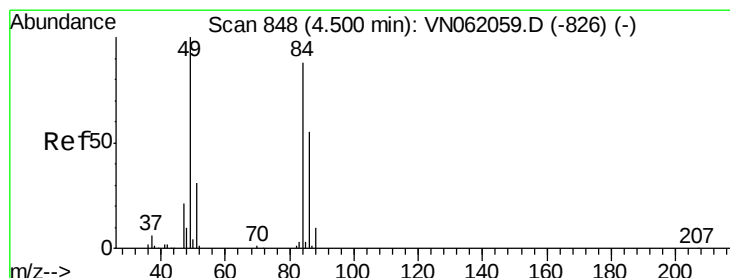
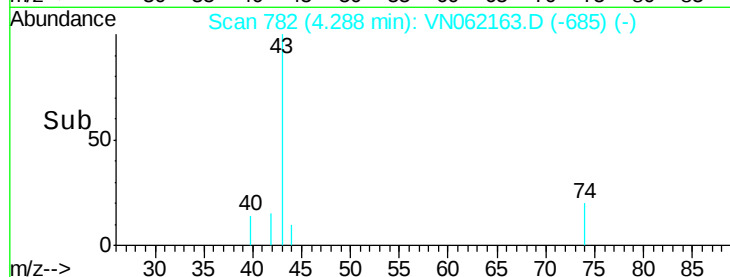
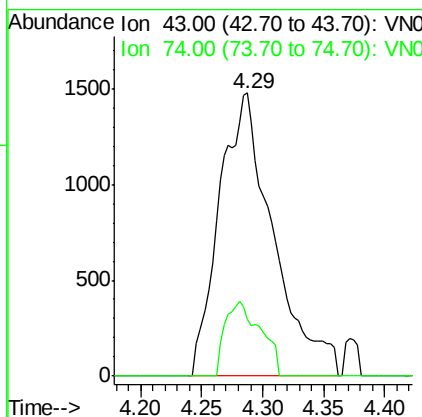
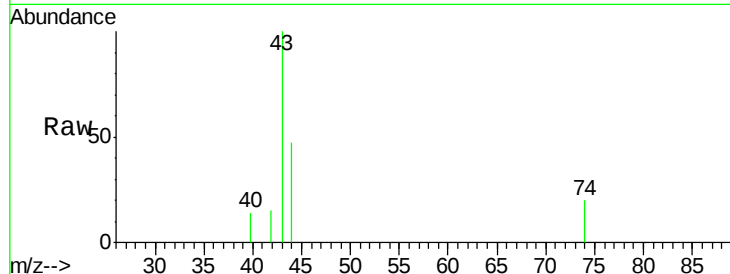




#18
Methyl Acetate
Concen: 1.921 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062163.D
Acq: 27 Jun 2020 1:28

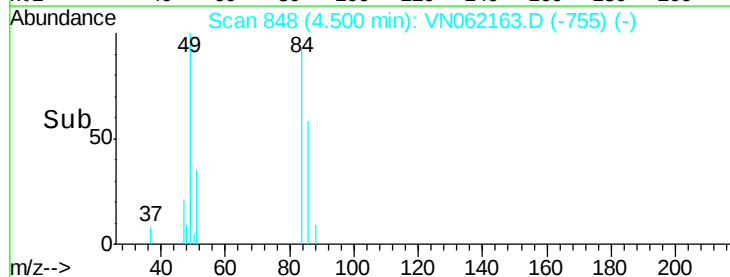
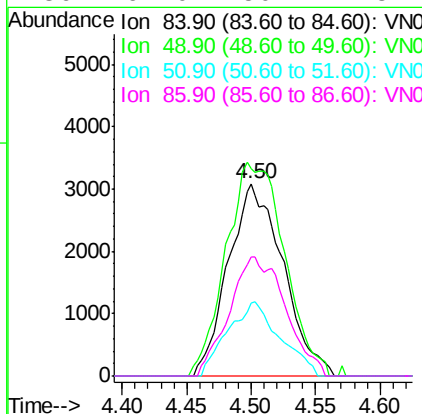
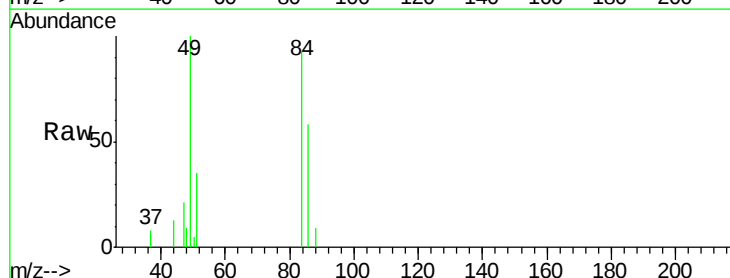
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion: 43 Resp: 4532
Ion Ratio Lower Upper
43 100
74 17.3 22.9 34.3#



#20
Methylene Chloride
Concen: 3.140 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062163.D
Acq: 27 Jun 2020 1:28

Tgt Ion: 84 Resp: 9107
Ion Ratio Lower Upper
84 100
49 107.7 90.6 136.0
51 37.8 27.8 41.8
86 62.0 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 51.024 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062163.D

Acq: 27 Jun 2020 1:28

Instrument :

MSVOA_N

ClientSampleId :

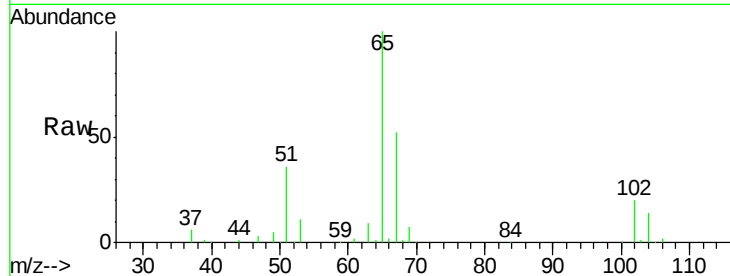
DRUM-COMP

Tot Ion: 65 Resp: 151407

Ion Ratio Lower Upper

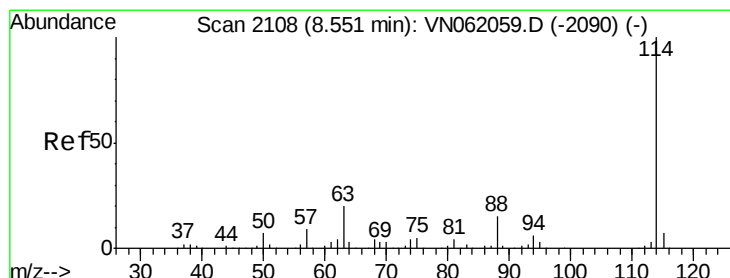
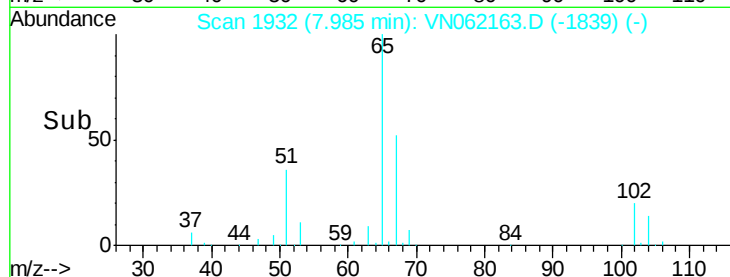
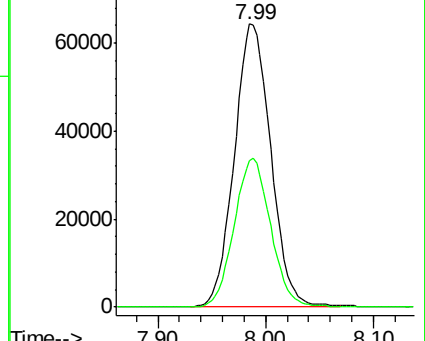
65 100

67 52.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062163.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062163.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062163.D

Acq: 27 Jun 2020 1:28

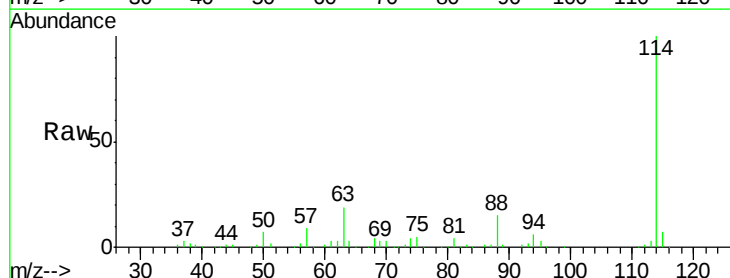
Tgt Ion: 114 Resp: 410035

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

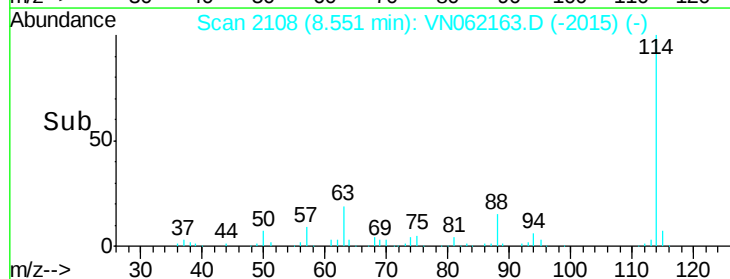
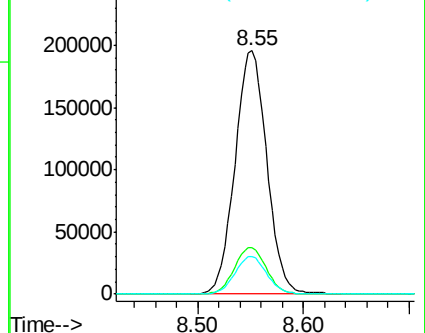
88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062163.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062163.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062163.D (-2015) (-)

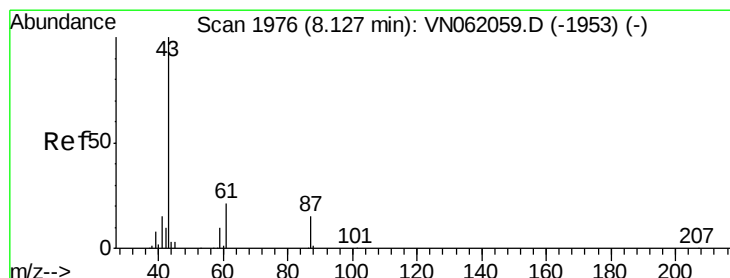
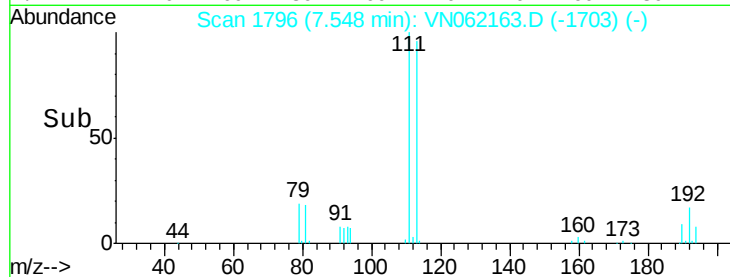
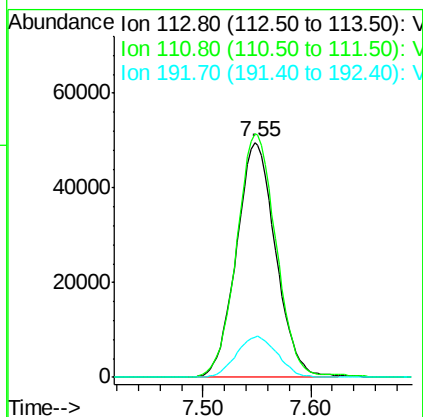
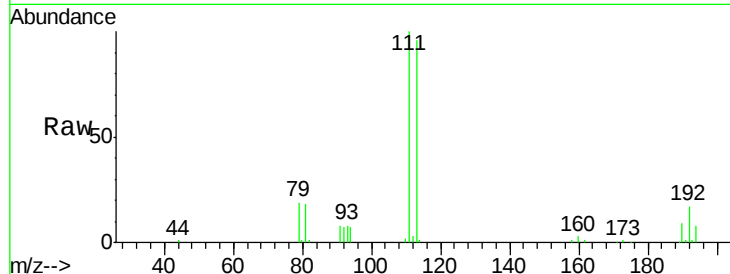




#35
 Dibromofluoromethane
 Concen: 47.748 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062163.D
 Acq: 27 Jun 2020 1:28

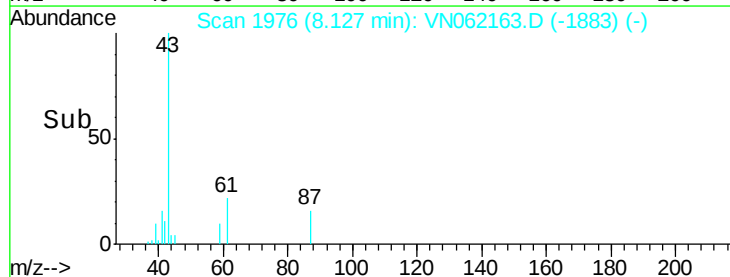
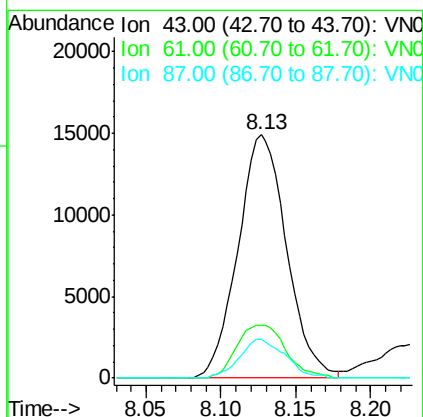
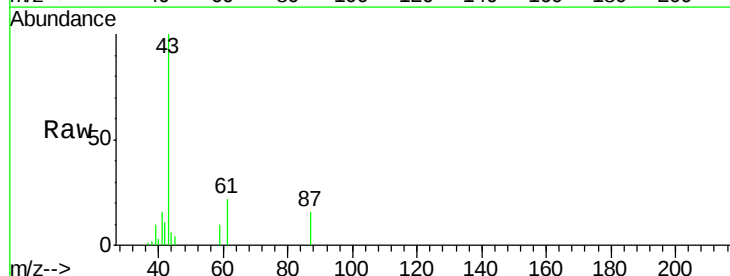
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	18.1	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 6.063 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062163.D
 Acq: 27 Jun 2020 1:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.2	25.8
87	15.0	12.1	18.1





#50

Toluene-d8

Concen: 49.147 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062163.D

Acq: 27 Jun 2020 1:28

Instrument :

MSVOA_N

ClientSampleId :

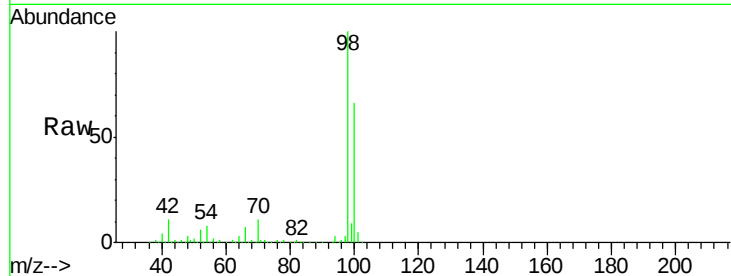
DRUM-COMP

Tot Ion: 98 Resp: 516794

Ion Ratio Lower Upper

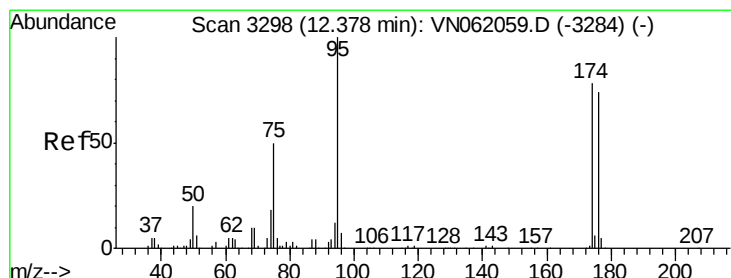
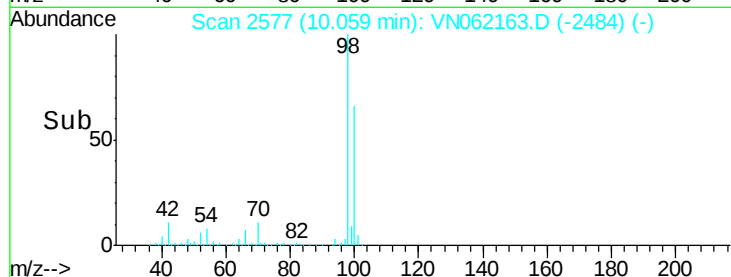
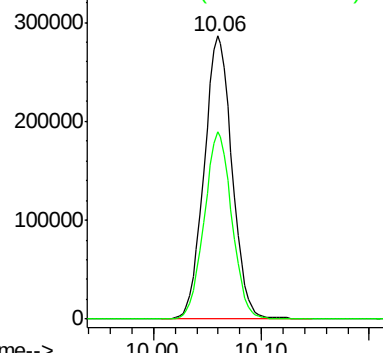
98 100

100 65.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.369 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062163.D

Acq: 27 Jun 2020 1:28

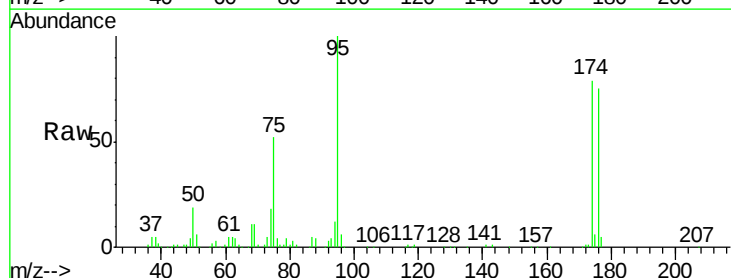
Tgt Ion: 95 Resp: 171840

Ion Ratio Lower Upper

95 100

174 78.5 0.0 154.8

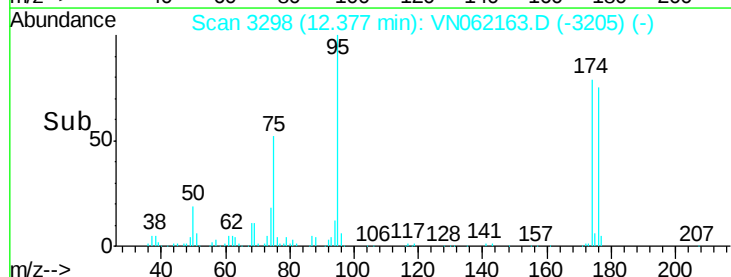
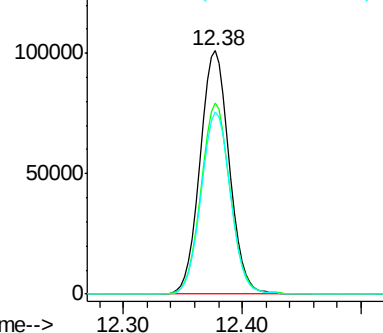
176 75.3 0.0 147.4

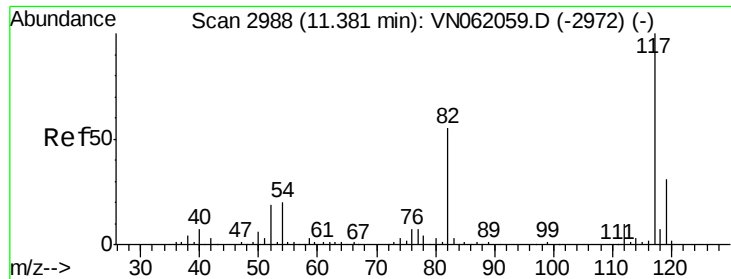


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN062163.D

Acq: 27 Jun 2020 1:28

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

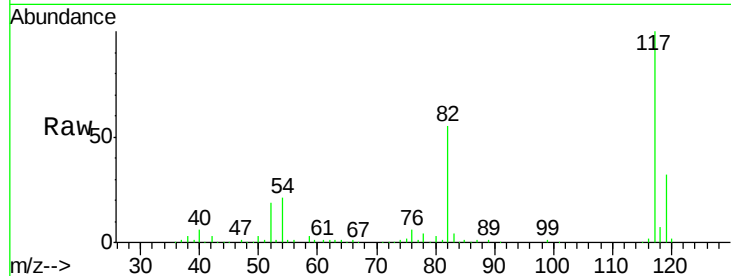
Tot Ion:117 Resp: 399293

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

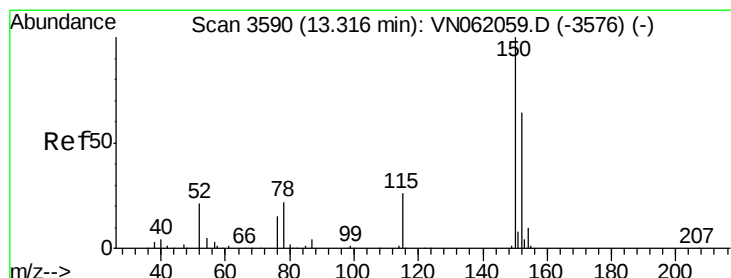
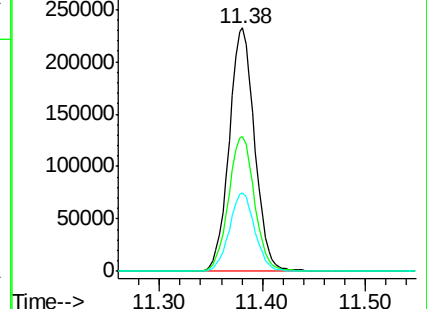
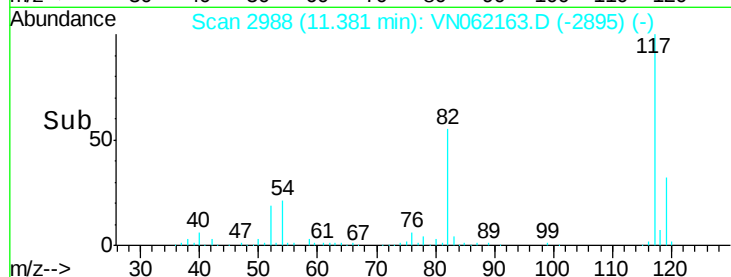
119 32.5 25.2 37.8



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: VN062163.D

Acq: 27 Jun 2020 1:28

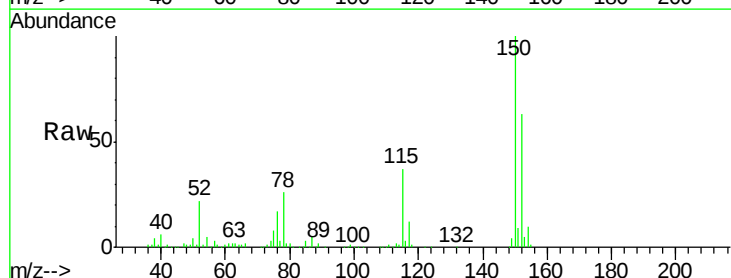
Tgt Ion:152 Resp: 149166

Ion Ratio Lower Upper

152 100

115 60.1 29.5 88.5

150 160.0 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

