

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061936.D
 Acq On : 19 Jun 2020 6:54
 Operator : JC/MD
 Sample : L3024-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-17

Quant Time: Jun 19 08:01:39 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

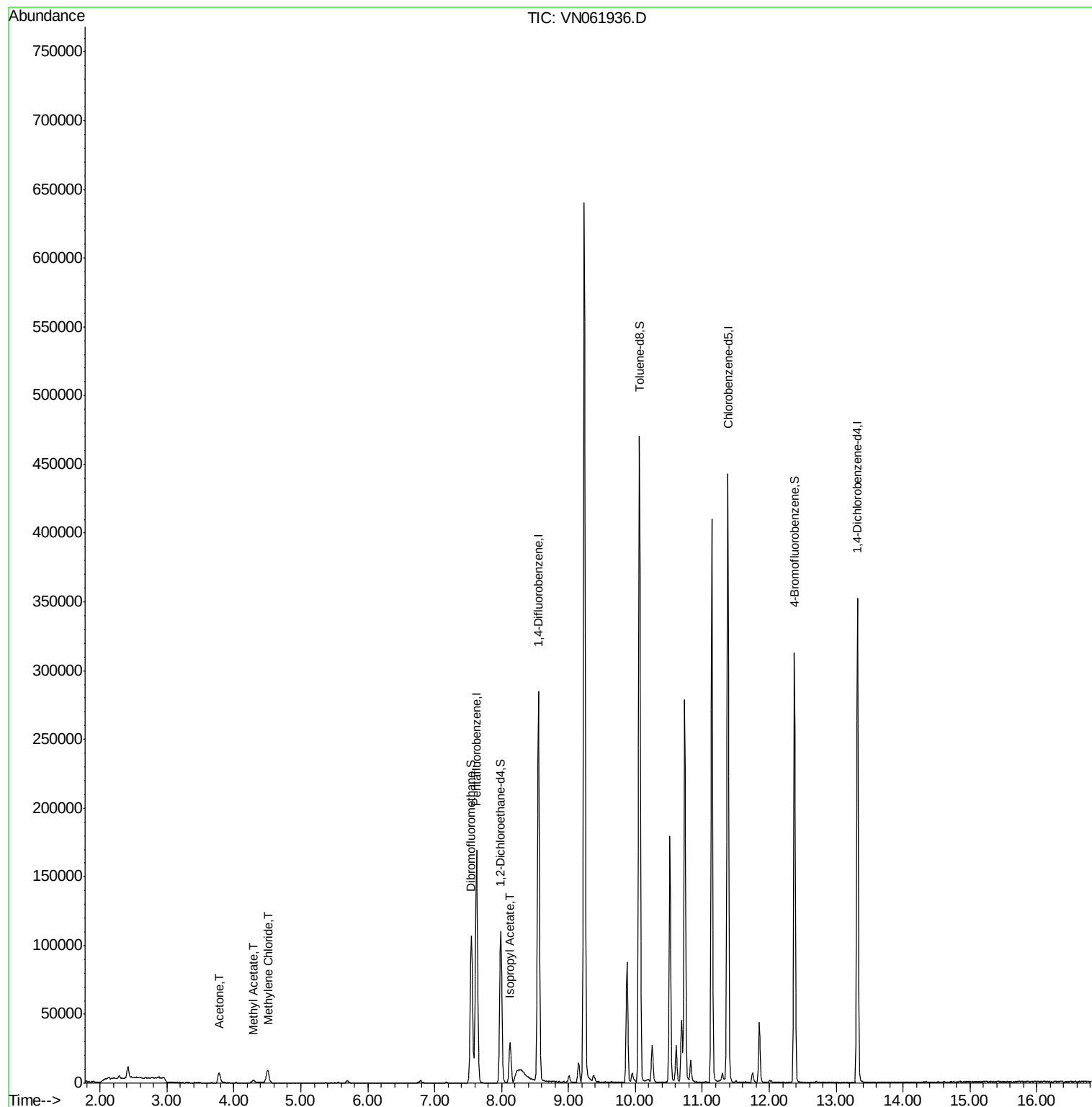
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	136656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	259065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96239	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.55	113	83488	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	10.06	98	335413	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.38	95	108283	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
16) Acetone	3.78	43	12557	23.195	ug/l	96
18) Methyl Acetate	4.28	43	4053	2.600	ug/l #	79
20) Methylene Chloride	4.50	84	8053	4.566	ug/l	90
43) Isopropyl Acetate	8.13	43	31997	10.124	ug/l #	91

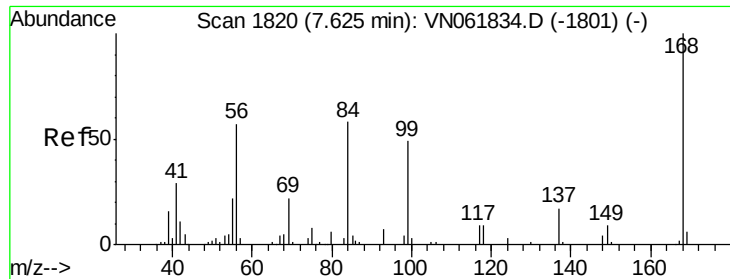
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061936.D

Acq: 19 Jun 2020 6:54

Instrument :

MSVOA_N

ClientSampled :

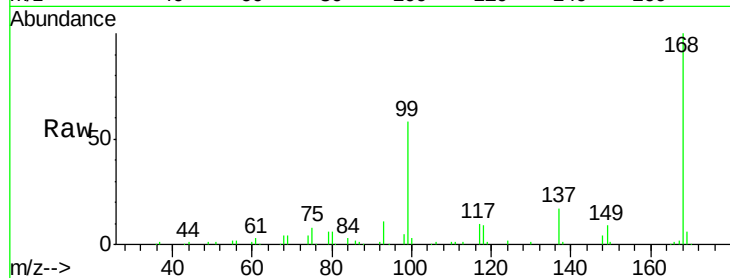
RO-17

Tot Ion:168 Resp: 136656

Ion Ratio Lower Upper

168 100

99 57.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

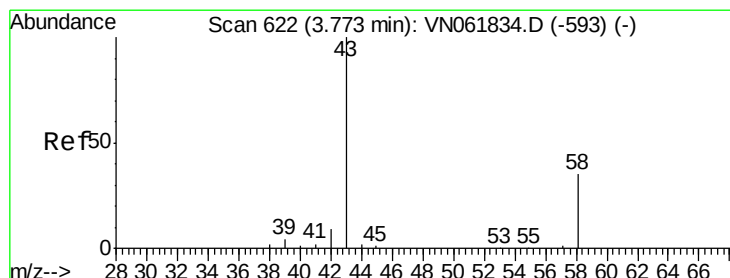
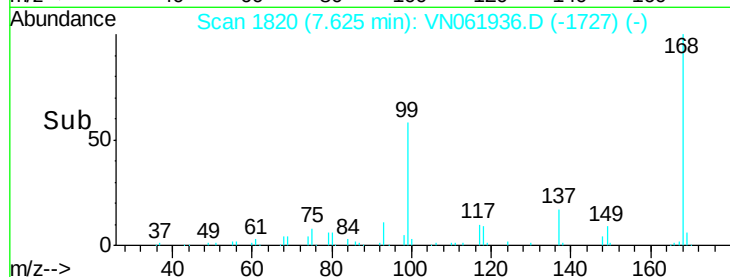
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 23.195 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061936.D

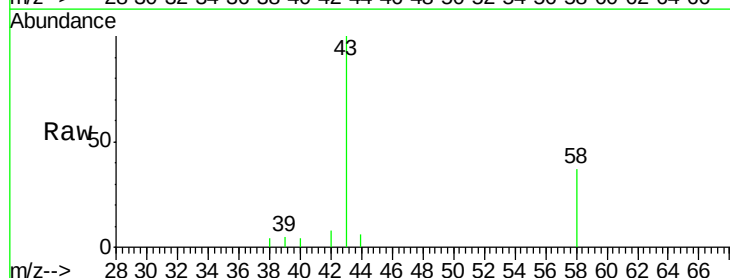
Acq: 19 Jun 2020 6:54

Tgt Ion: 43 Resp: 12557

Ion Ratio Lower Upper

43 100

58 36.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

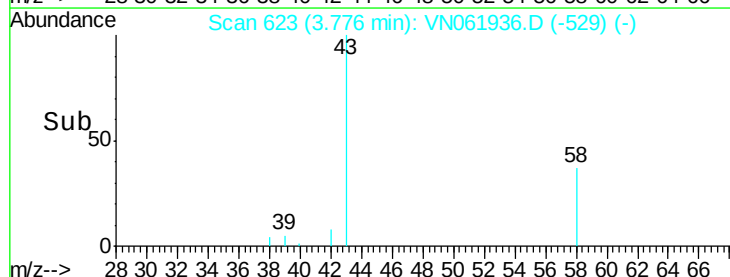
3000

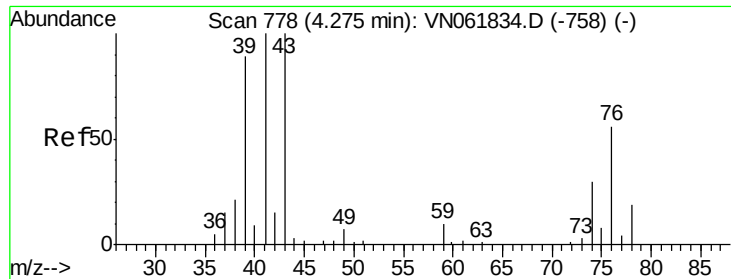
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

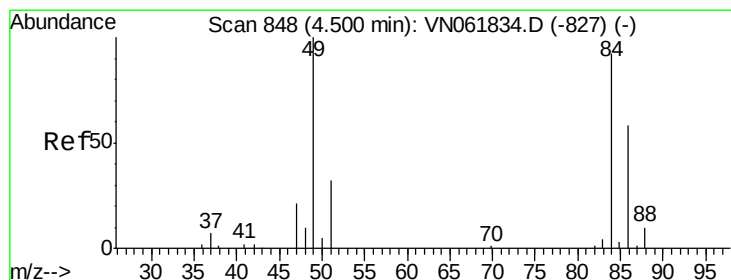
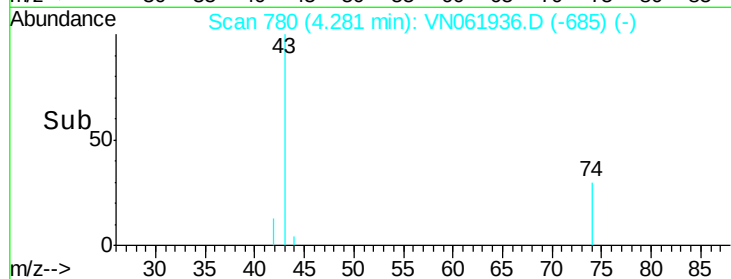
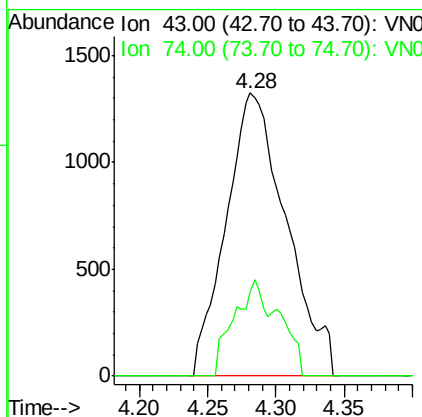
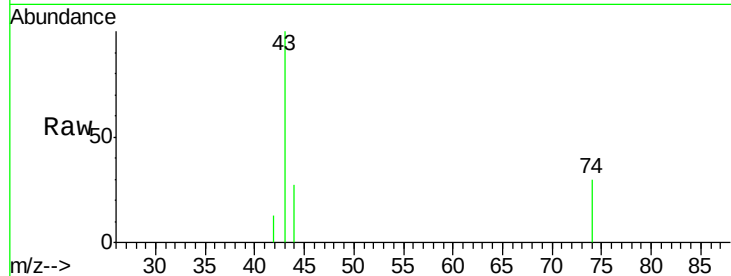




#18
Methyl Acetate
Concen: 2.600 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN061936.D
Acq: 19 Jun 2020 6:54

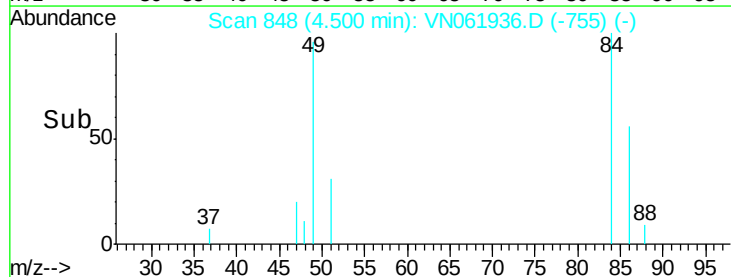
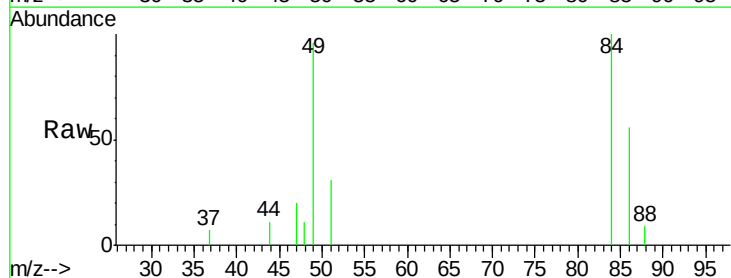
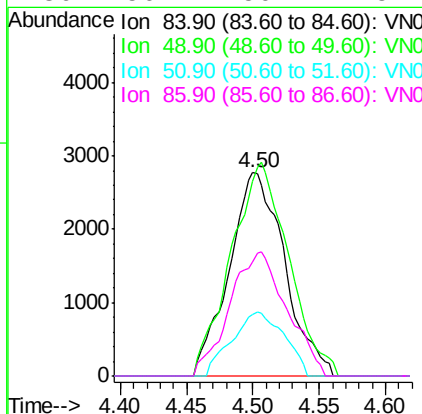
Instrument :
MSVOA_N
ClientSampled :
RO-17

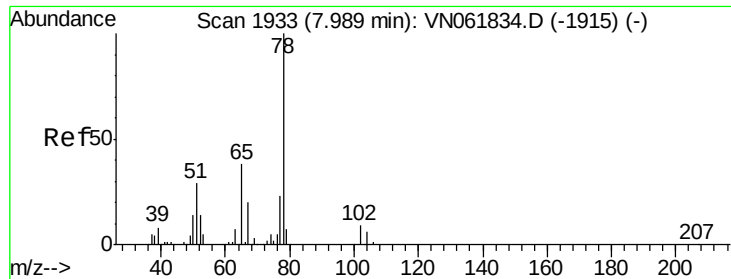
Tot Ion: 43 Resp: 4053
Ion Ratio Lower Upper
43 100
74 17.3 23.0 34.4#



#20
Methylene Chloride
Concen: 4.566 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061936.D
Acq: 19 Jun 2020 6:54

Tgt Ion: 84 Resp: 8053
Ion Ratio Lower Upper
84 100
49 95.8 87.0 130.4
51 30.5 27.8 41.6
86 56.1 50.2 75.2

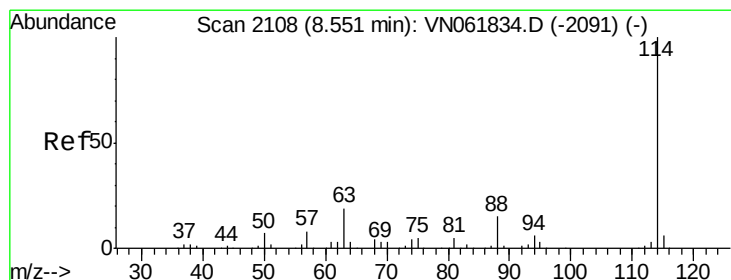
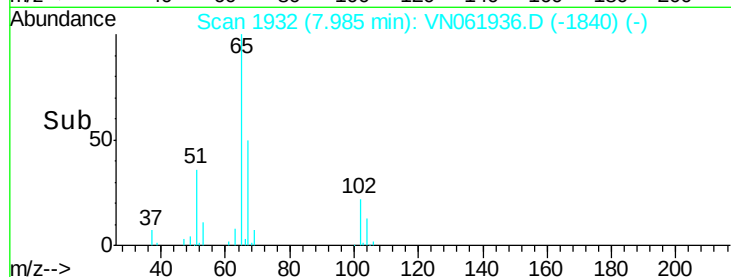
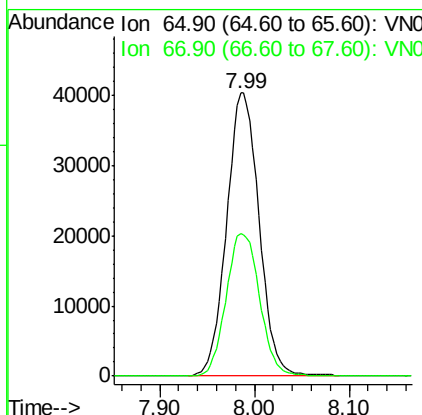
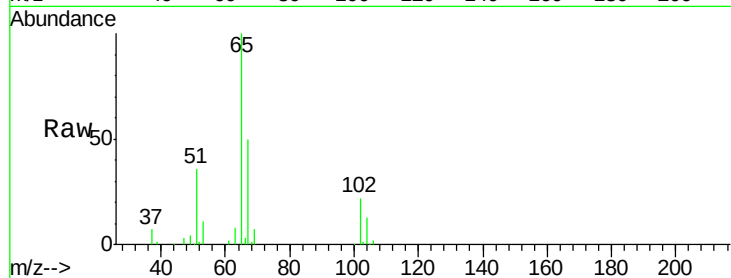




#33
 1,2-Dichloroethane-d4
 Concen: 52.510 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061936.D
 Acq: 19 Jun 2020 6:54

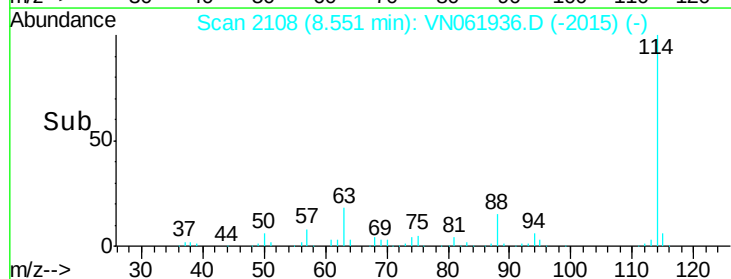
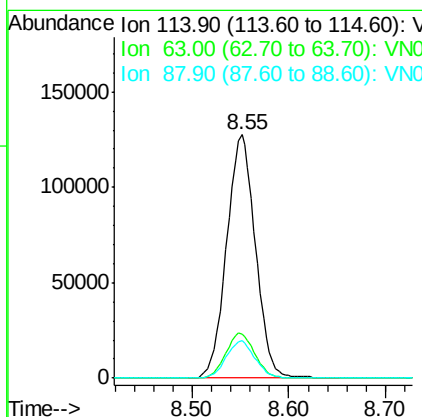
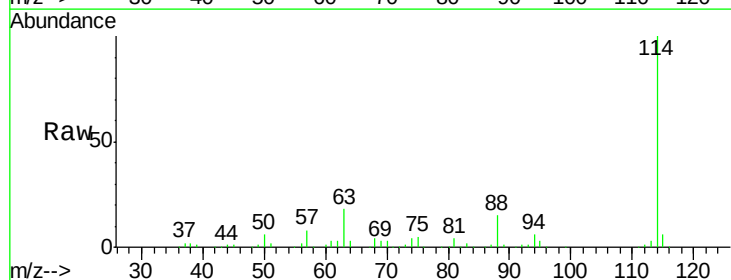
Instrument :
 MSVOA_N
 ClientSampleId :
 RO-17

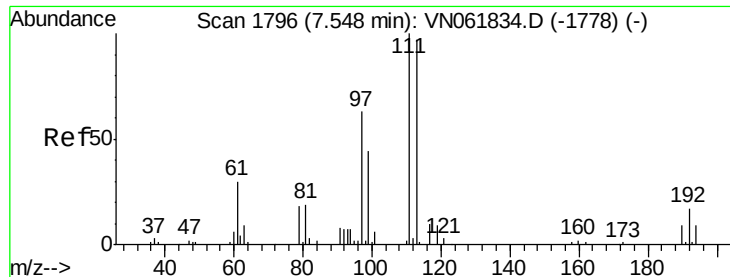
Tot Ion: 65 Resp: 96239
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061936.D
 Acq: 19 Jun 2020 6:54

Tgt Ion: 114 Resp: 263302
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 15.2 0.0 31.0

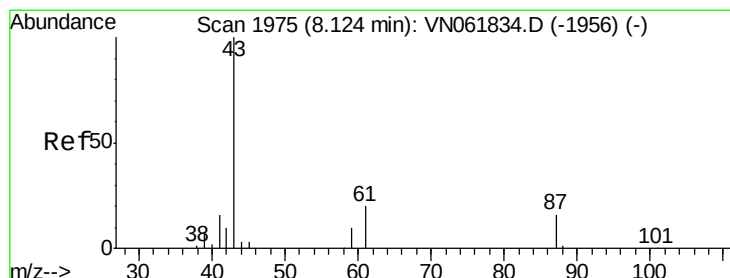
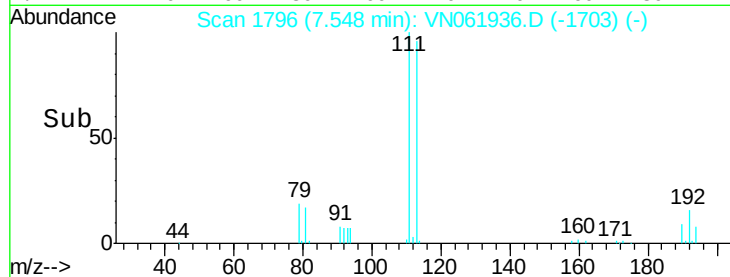
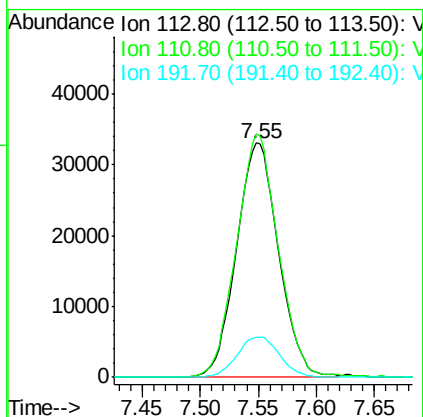
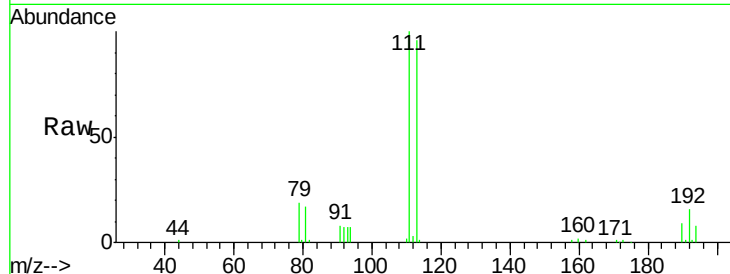




#35
 Dibromofluoromethane
 Concen: 49.563 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061936.D
 Acq: 19 Jun 2020 6:54

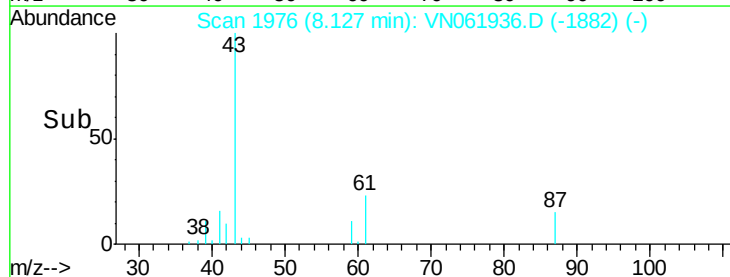
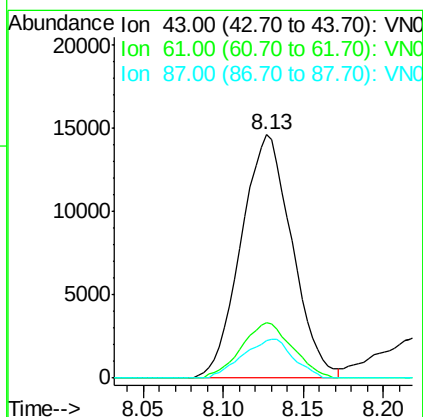
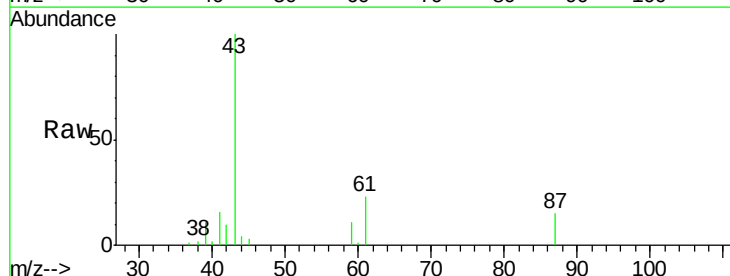
Instrument :
 MSVOA_N
 ClientSampled :
 RO-17

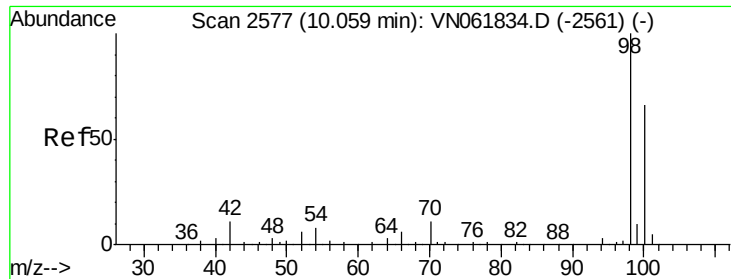
Tot Ion:113 Resp: 83488
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.7 125.5
 192 17.4 13.9 20.9



#43
 Isopropyl Acetate
 Concen: 10.124 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061936.D
 Acq: 19 Jun 2020 6:54

Tgt Ion: 43 Resp: 31997
 Ion Ratio Lower Upper
 43 100
 61 22.7 24.0 36.0#
 87 15.8 12.5 18.7





#50

Toluene-d8

Concen: 50.649 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061936.D

Acq: 19 Jun 2020 6:54

Instrument :

MSVOA_N

ClientSampled :

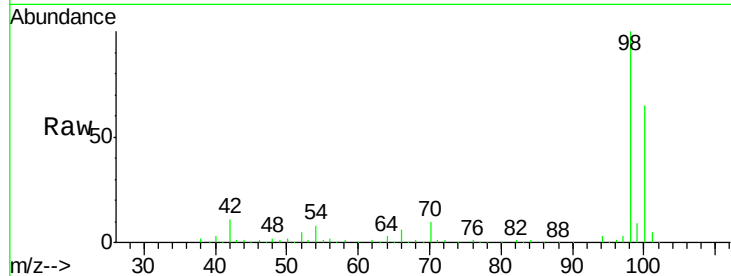
RO-17

Tot Ion: 98 Resp: 335413

Ion Ratio Lower Upper

98 100

100 64.4 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

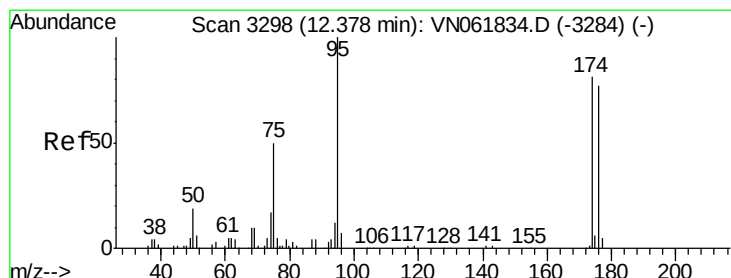
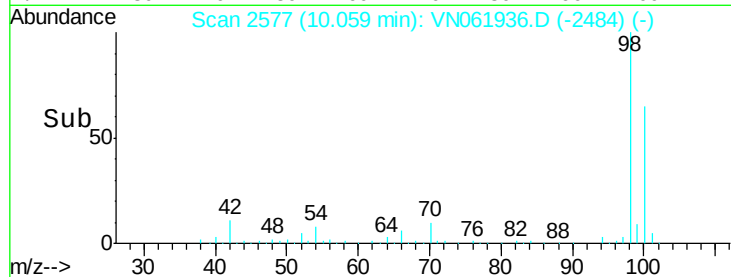
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.669 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061936.D

Acq: 19 Jun 2020 6:54

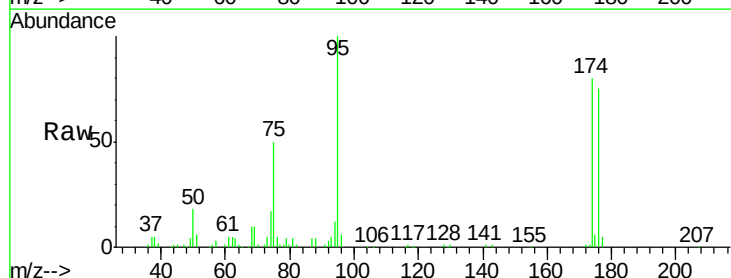
Tgt Ion: 95 Resp: 108283

Ion Ratio Lower Upper

95 100

174 80.5 0.0 158.6

176 76.2 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

80000

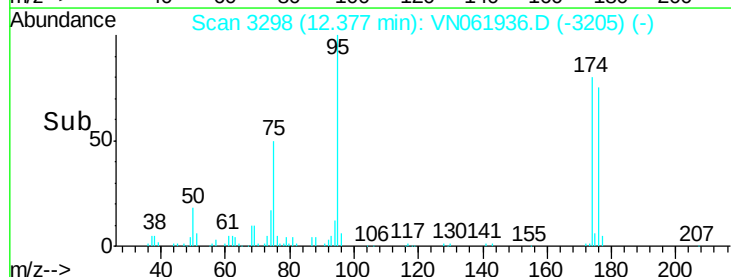
60000

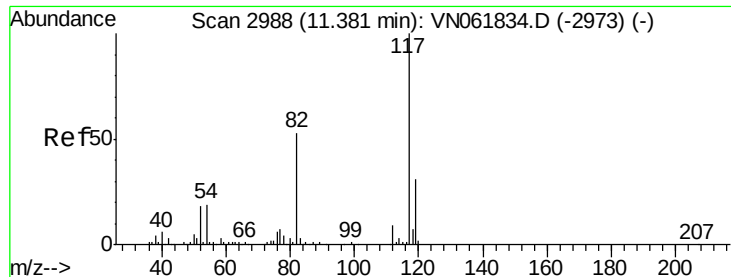
40000

20000

0

Time-->

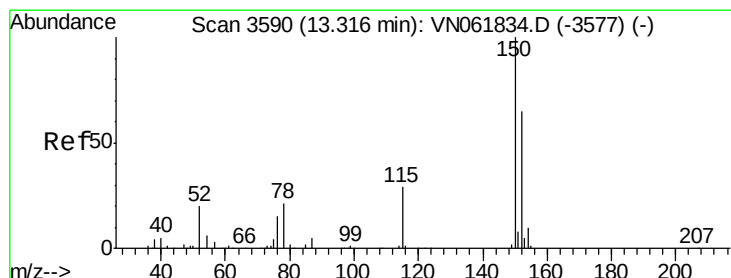
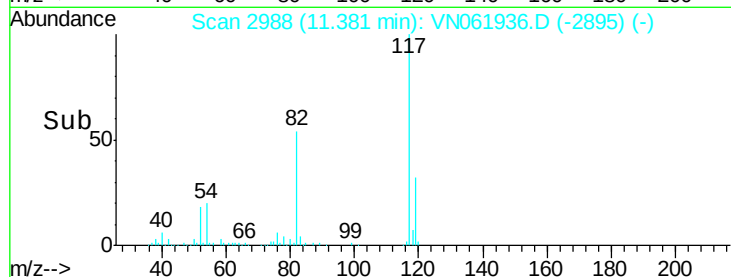
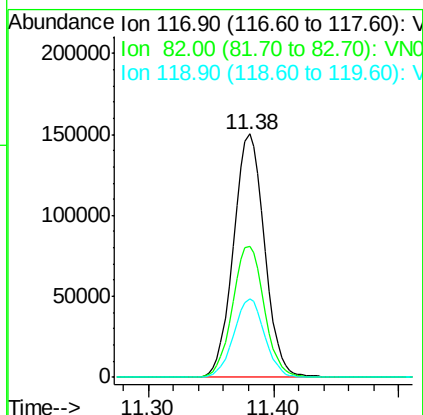
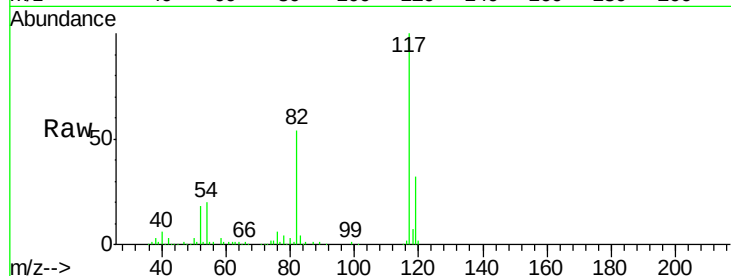




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061936.D
Acq: 19 Jun 2020 6:54

Instrument :
MSVOA_N
ClientSampleId :
RO-17

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.6	64.0
119	32.3	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061936.D
Acq: 19 Jun 2020 6:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.1	87.3
150	158.5	0.0	347.6

