

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061937.D
 Acq On : 19 Jun 2020 7:18
 Operator : JC/MD
 Sample : L3024-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-11

Quant Time: Jun 19 08:04:49 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

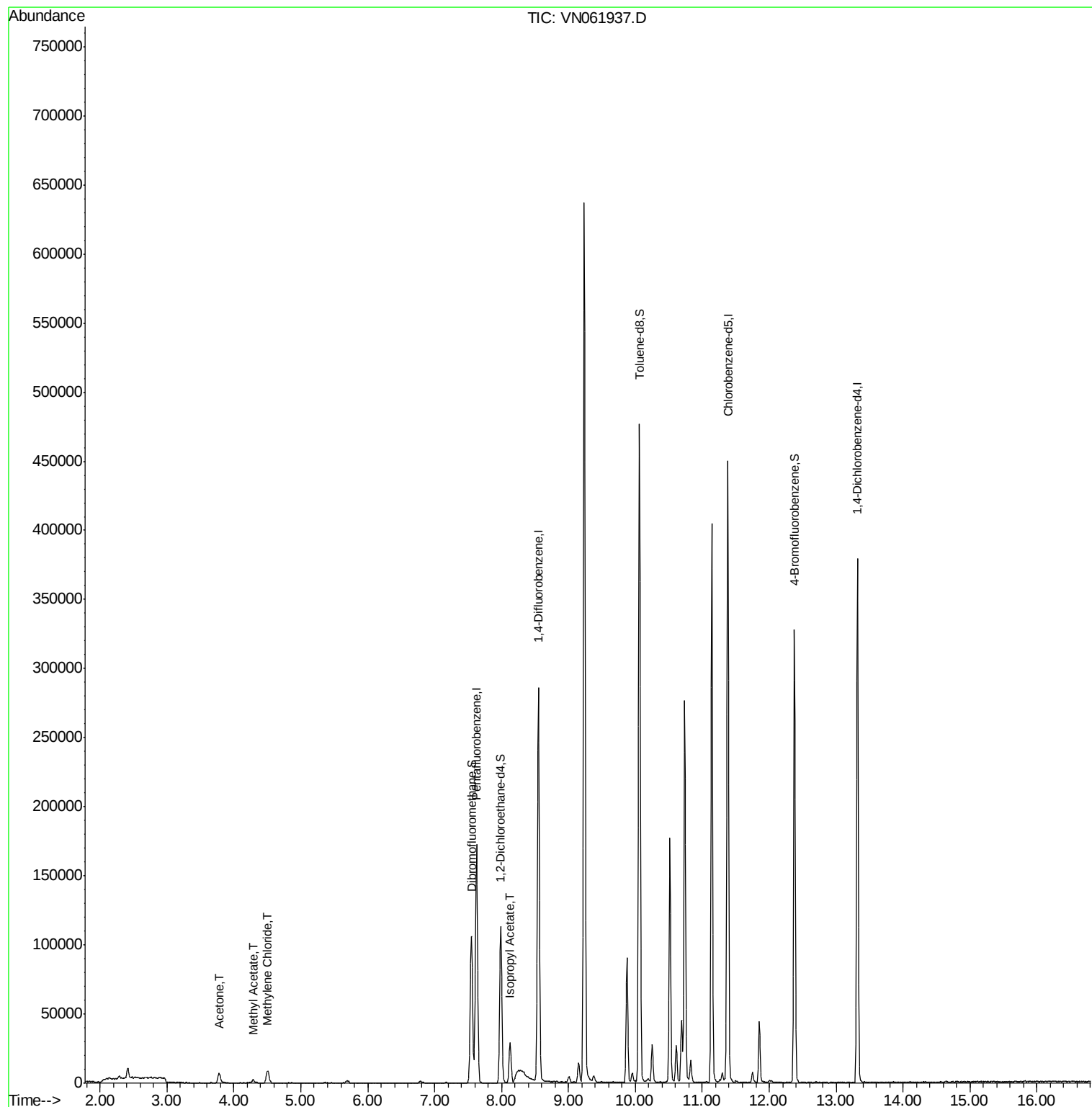
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	137835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	266593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95601	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	83261	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	10.06	98	336895	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.38	95	113175	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
Target Compounds						
16) Acetone	3.78	43	12345	22.608	ug/l	98
18) Methyl Acetate	4.28	43	3775	2.401	ug/l	92
20) Methylene Chloride	4.50	84	7928	4.457	ug/l	96
43) Isopropyl Acetate	8.13	43	32064	10.015	ug/l #	90

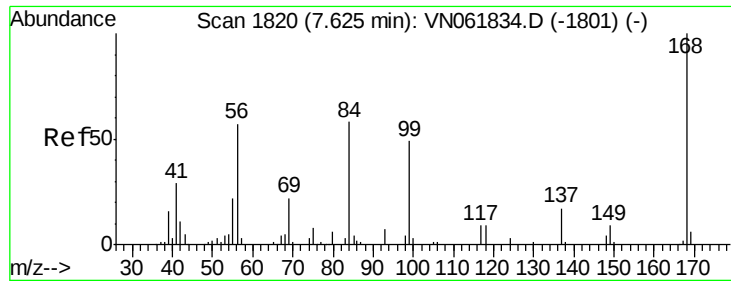
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061937.D

Acq: 19 Jun 2020 7:18

Instrument :

MSVOA_N

ClientSampleId :

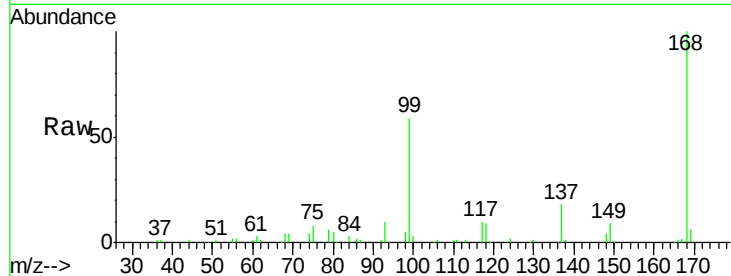
RO-11

Tot Ion:168 Resp: 137835

Ion Ratio Lower Upper

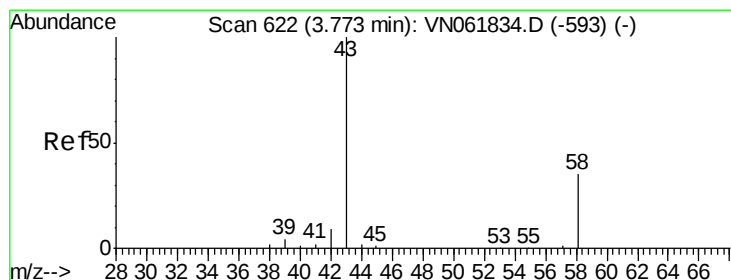
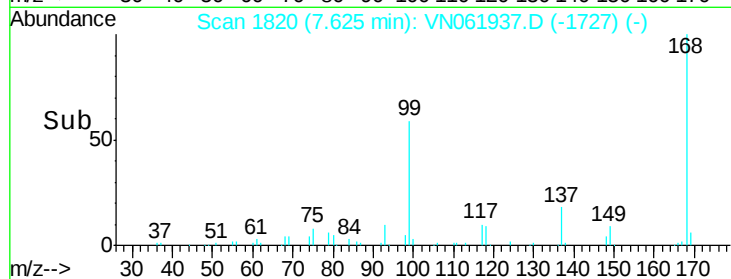
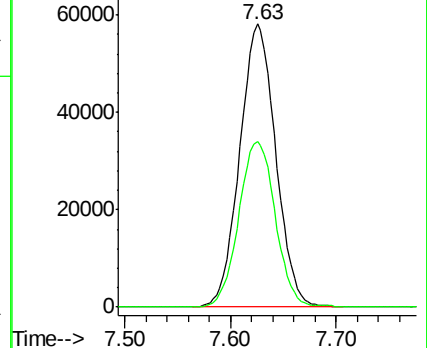
168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 22.608 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061937.D

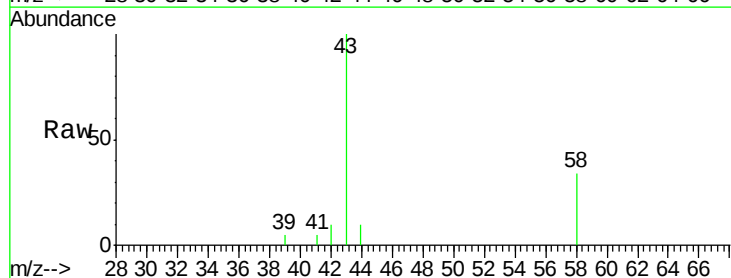
Acq: 19 Jun 2020 7:18

Tgt Ion: 43 Resp: 12345

Ion Ratio Lower Upper

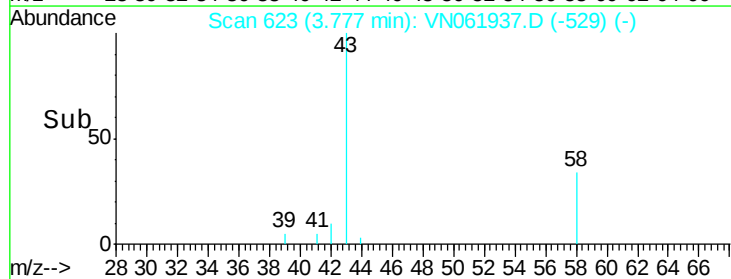
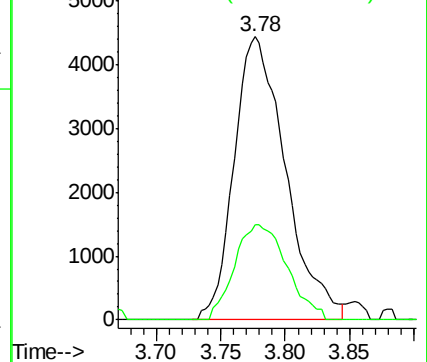
43 100

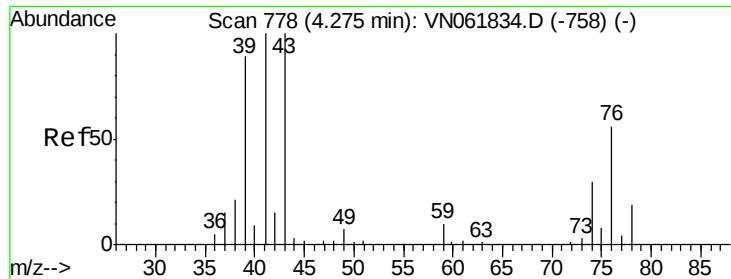
58 33.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

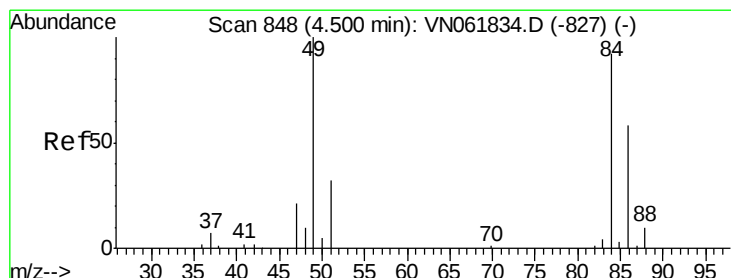
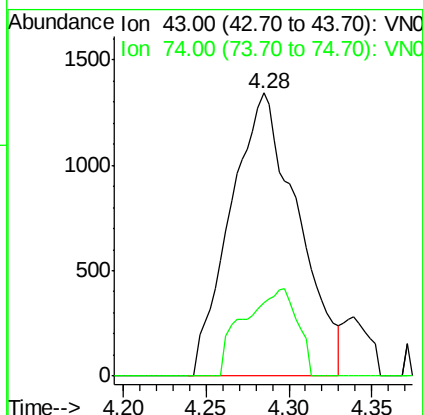
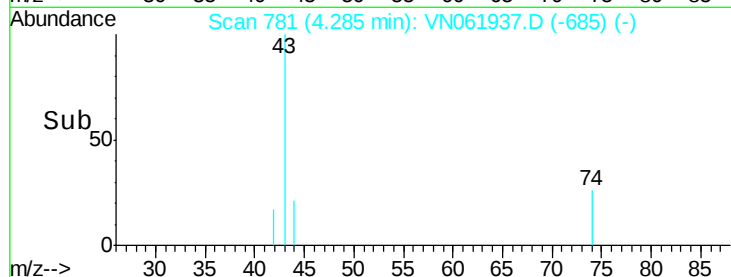
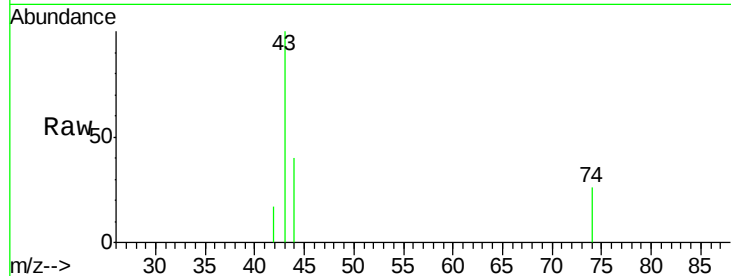




#18
Methyl Acetate
Concen: 2.401 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN061937.D
Acq: 19 Jun 2020 7:18

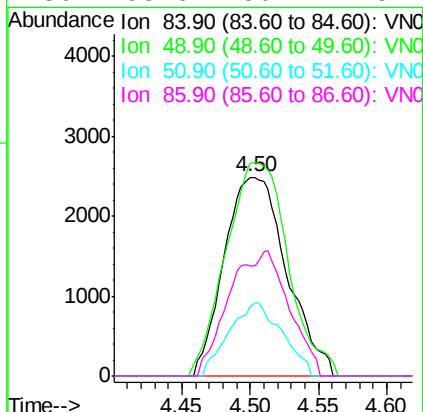
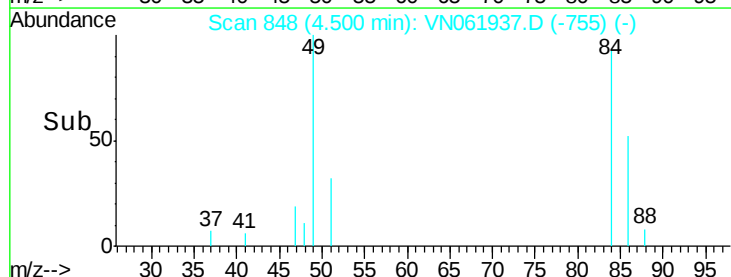
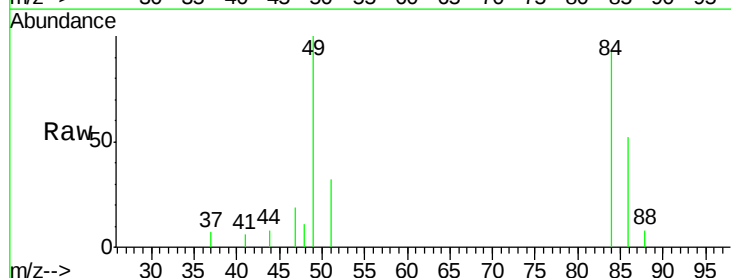
Instrument :
MSVOA_N
ClientSampled :
RO-11

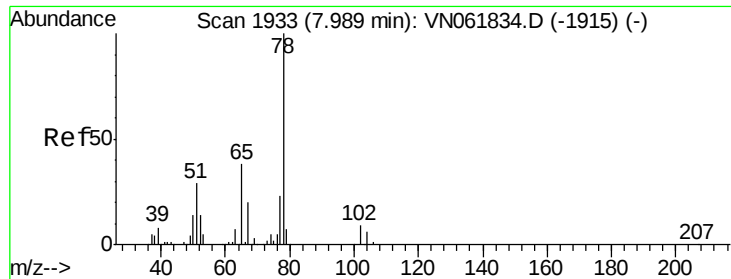
Tot Ion: 43 Resp: 3775
Ion Ratio Lower Upper
43 100
74 24.5 23.0 34.4



#20
Methylene Chloride
Concen: 4.457 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061937.D
Acq: 19 Jun 2020 7:18

Tgt Ion: 84 Resp: 7928
Ion Ratio Lower Upper
84 100
49 107.1 87.0 130.4
51 34.6 27.8 41.6
86 55.6 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 51.716 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061937.D

Acq: 19 Jun 2020 7:18

Instrument :

MSVOA_N

ClientSampleId :

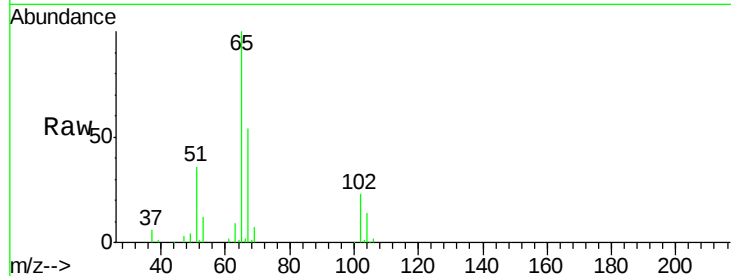
RO-11

Tot Ion: 65 Resp: 95601

Ion Ratio Lower Upper

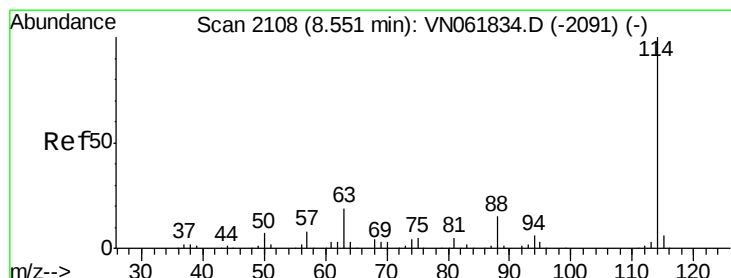
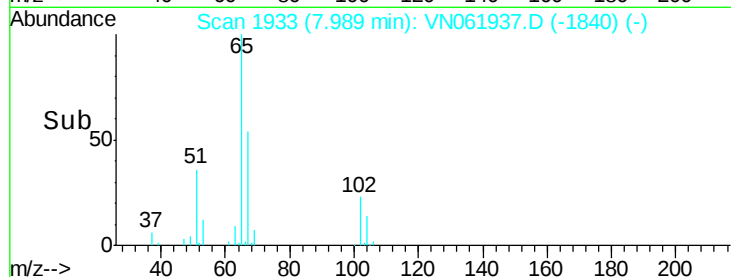
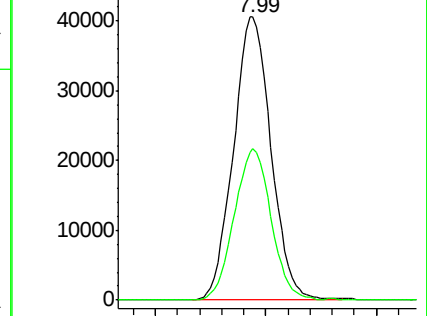
65 100

67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061937.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061937.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061937.D

Acq: 19 Jun 2020 7:18

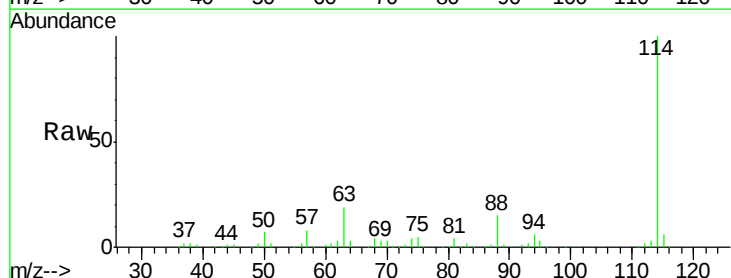
Tgt Ion: 114 Resp: 266723

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

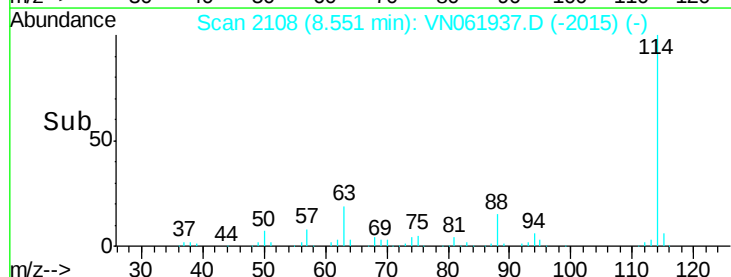
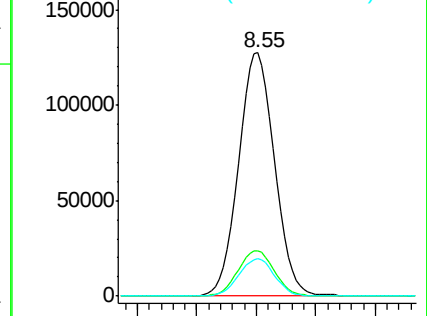
88 15.2 0.0 31.0

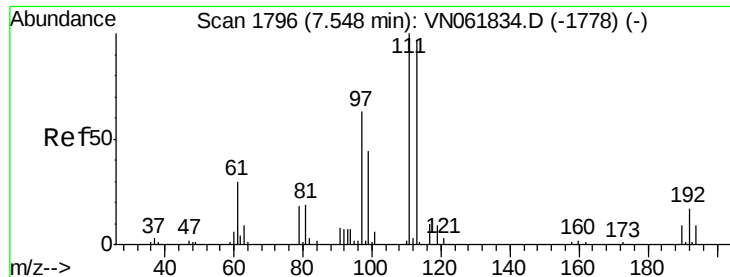


Abundance Ion 113.90 (113.60 to 114.60): VN061937.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN061937.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN061937.D (-2015) (-)

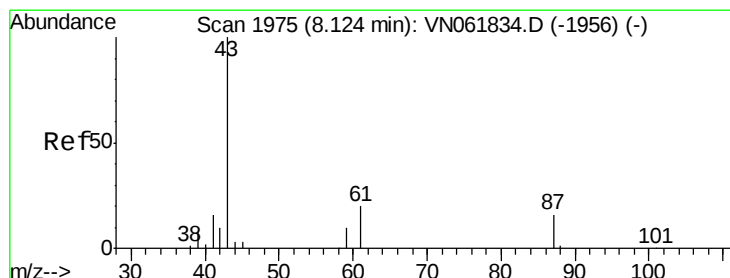
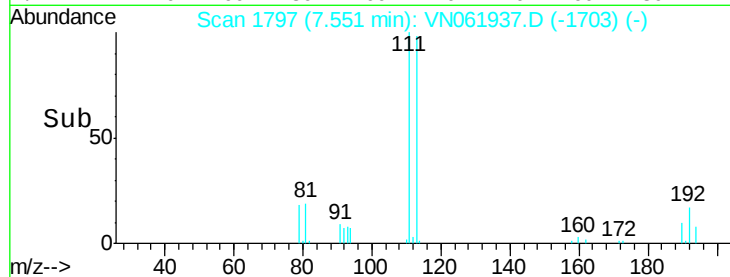
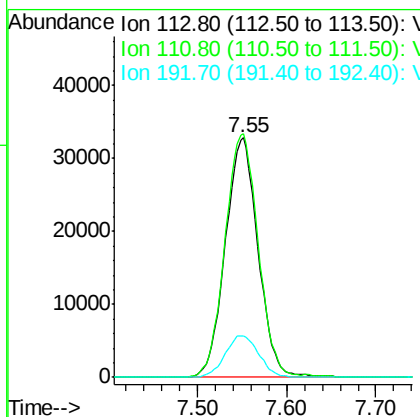
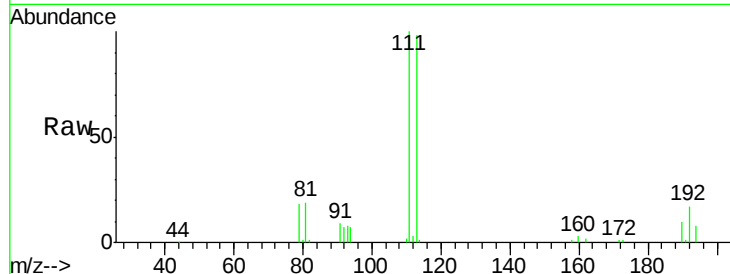




#35
 Dibromofluoromethane
 Concen: 48.795 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061937.D
 Acq: 19 Jun 2020 7:18

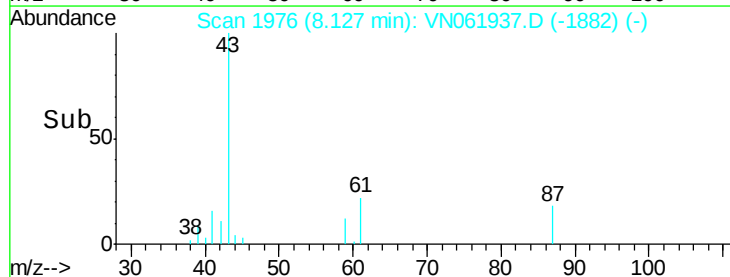
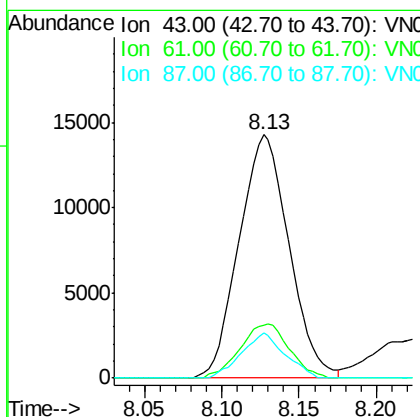
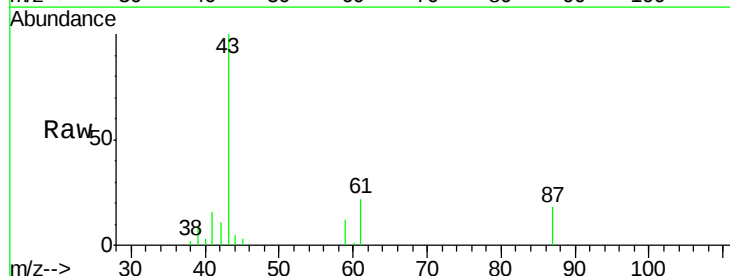
Instrument :
 MSVOA_N
 ClientSampled :
 RO-11

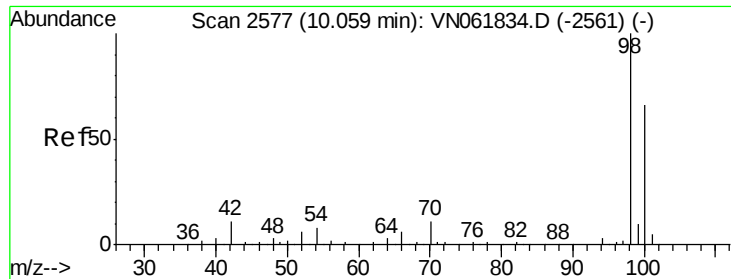
Tot Ion:113 Resp: 83261
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.7 125.5
 192 17.8 13.9 20.9



#43
 Isopropyl Acetate
 Concen: 10.015 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061937.D
 Acq: 19 Jun 2020 7:18

Tgt Ion: 43 Resp: 32064
 Ion Ratio Lower Upper
 43 100
 61 21.7 24.0 36.0#
 87 16.1 12.5 18.7





#50

Toluene-d8

Concen: 50.220 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061937.D

Acq: 19 Jun 2020 7:18

Instrument :

MSVOA_N

ClientSampled :

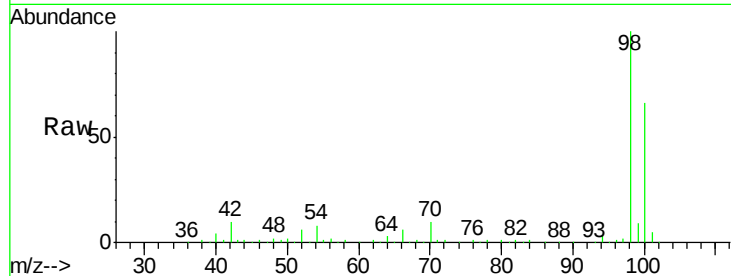
RO-11

Tot Ion: 98 Resp: 336895

Ion Ratio Lower Upper

98 100

100 65.3 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

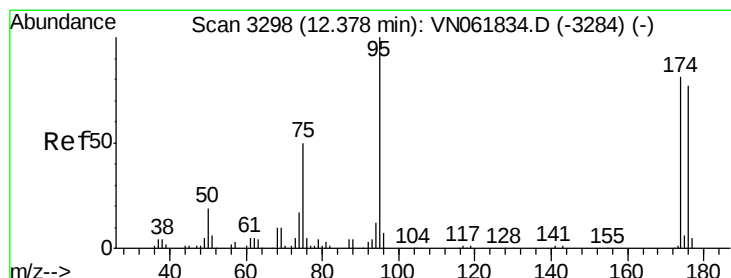
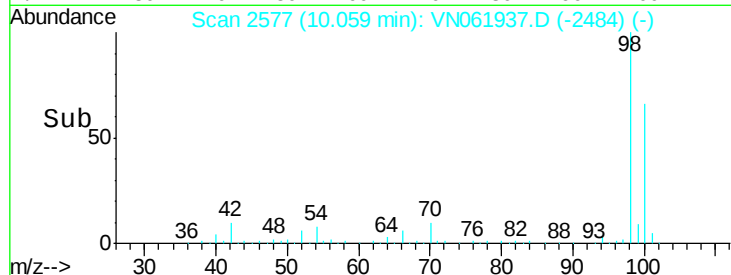
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.184 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061937.D

Acq: 19 Jun 2020 7:18

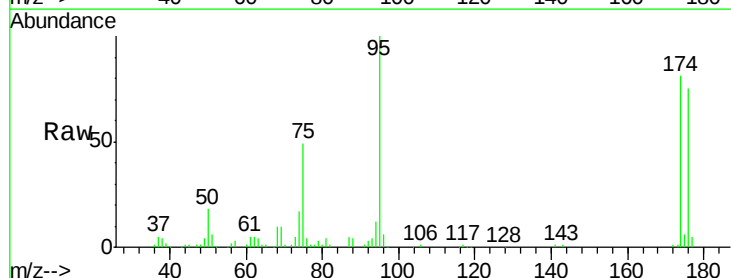
Tgt Ion: 95 Resp: 113175

Ion Ratio Lower Upper

95 100

174 81.3 0.0 158.6

176 75.8 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

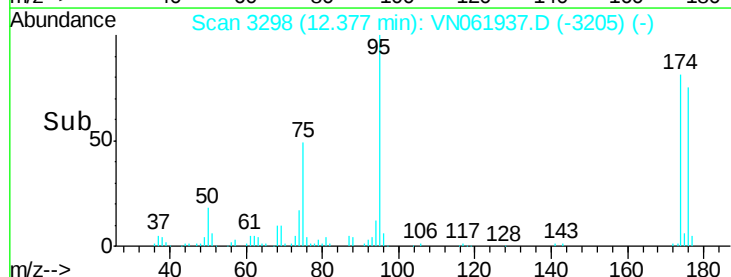
60000

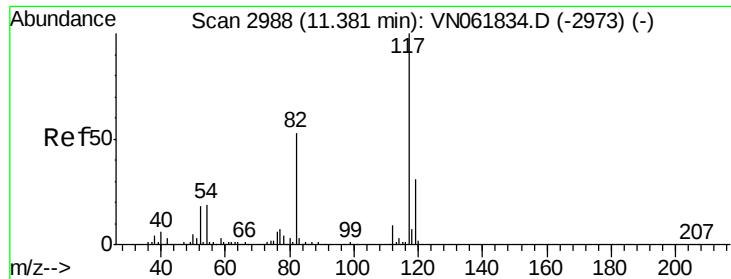
40000

20000

0

Time-->

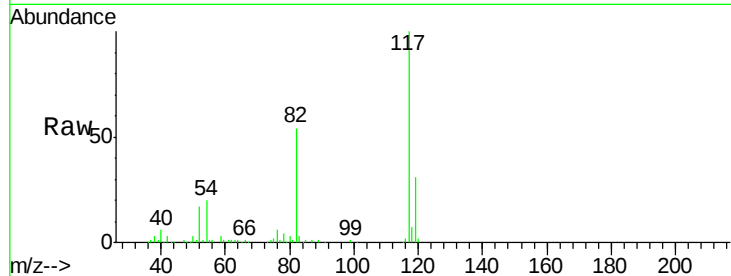




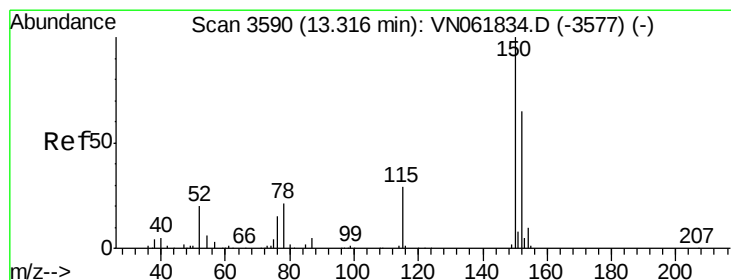
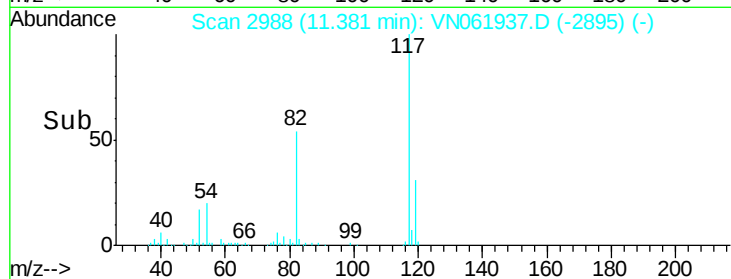
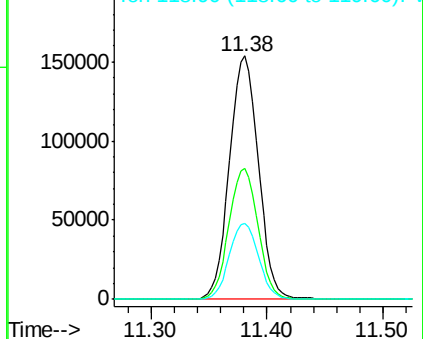
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061937.D
Acq: 19 Jun 2020 7:18

Instrument :
MSVOA_N
ClientSampled :
RO-11

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	64.0
119	31.2	24.7	37.1

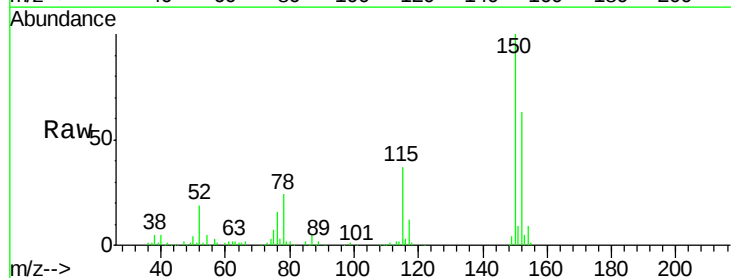


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061937.D
Acq: 19 Jun 2020 7:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.1	87.3
150	159.7	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

