

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061938.D
 Acq On : 19 Jun 2020 7:42
 Operator : JC/MD
 Sample : L2809-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-061720

Quant Time: Jun 19 08:06:57 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

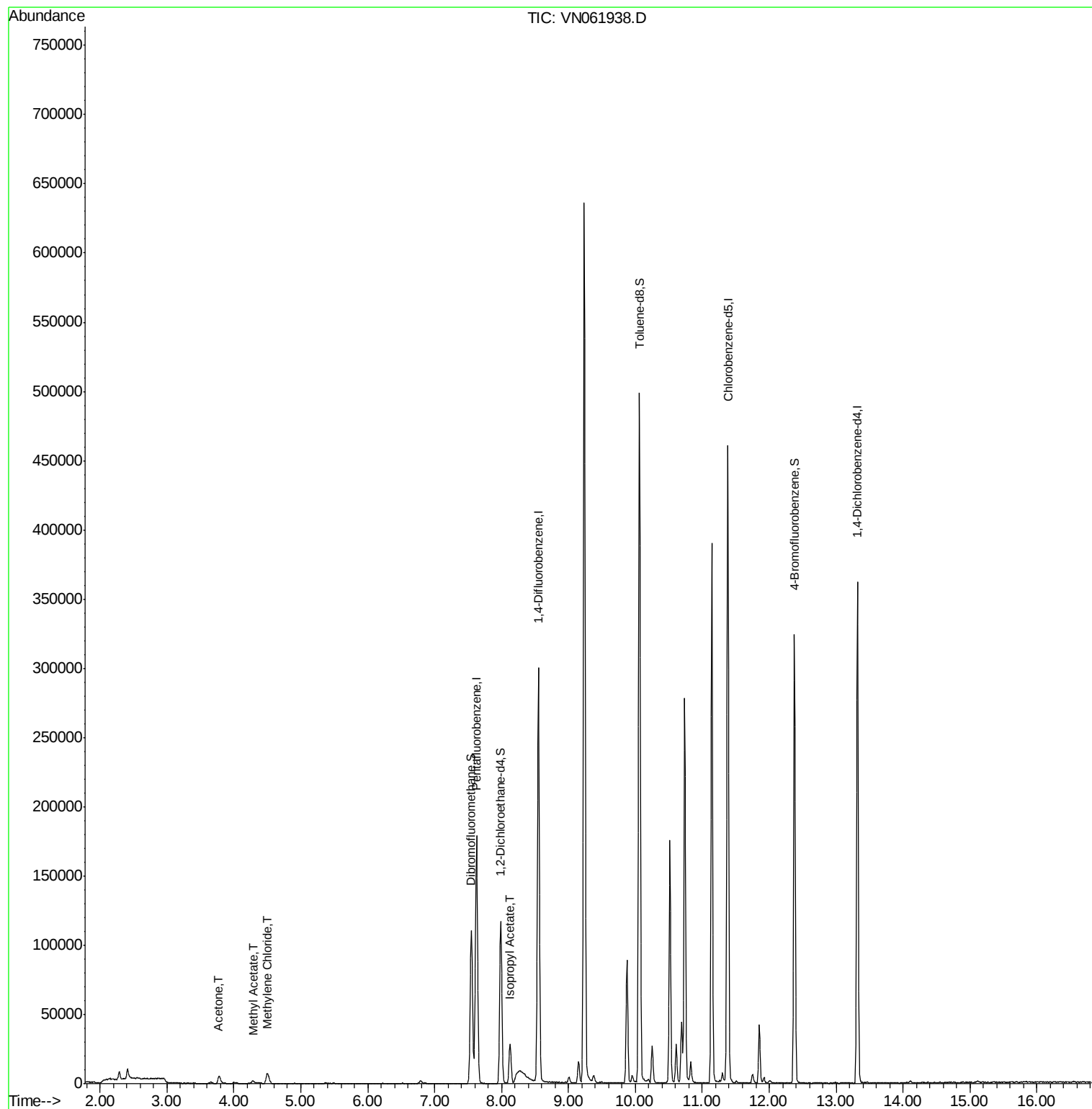
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	143835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	272650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	98989	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	7.55	113	86052	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.06	98	349914	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.38	95	113028	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
16) Acetone	3.77	43	9591	16.832	ug/l	98
18) Methyl Acetate	4.28	43	3746	2.283	ug/l #	89
20) Methylene Chloride	4.50	84	6161	3.319	ug/l #	92
43) Isopropyl Acetate	8.13	43	32217	9.844	ug/l #	90

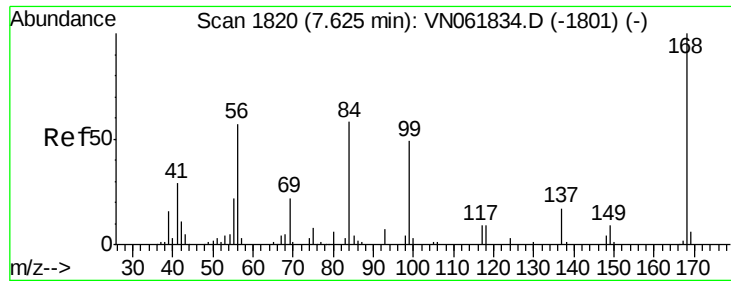
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061938.D

Acq: 19 Jun 2020 7:42

Instrument :

MSVOA_N

ClientSampleId :

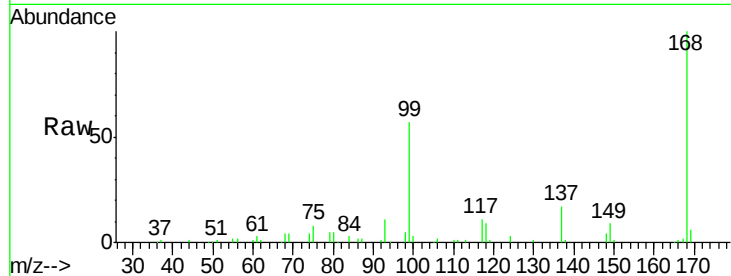
HD-01-061720

Tot Ion:168 Resp: 143835

Ion Ratio Lower Upper

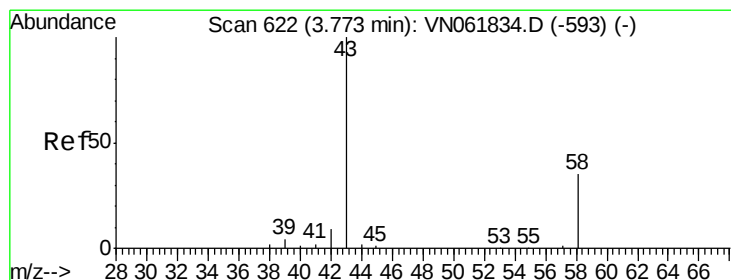
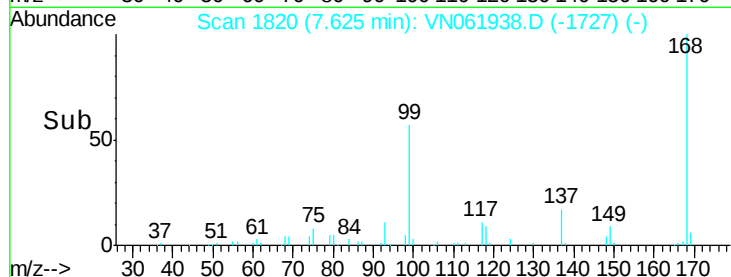
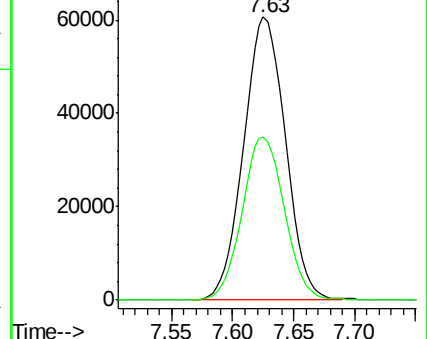
168 100

99 57.4 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: 16.832 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061938.D

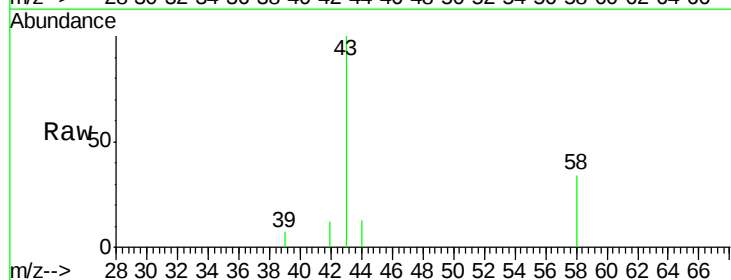
Acq: 19 Jun 2020 7:42

Tgt Ion: 43 Resp: 9591

Ion Ratio Lower Upper

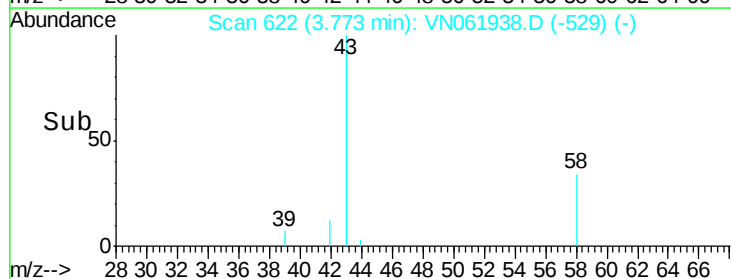
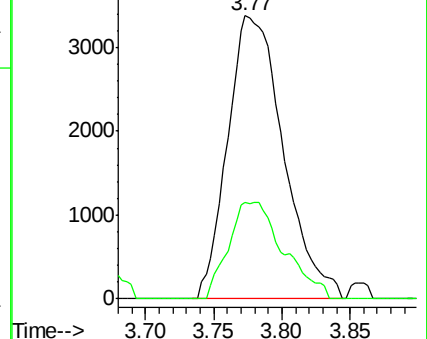
43 100

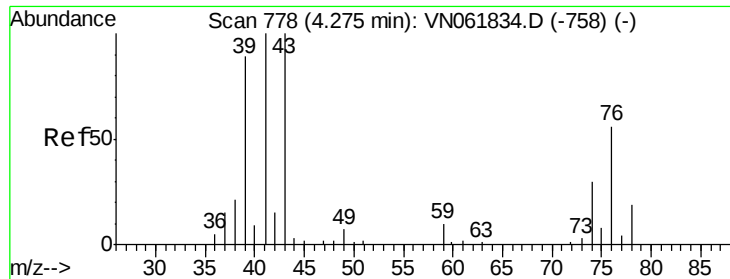
58 33.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

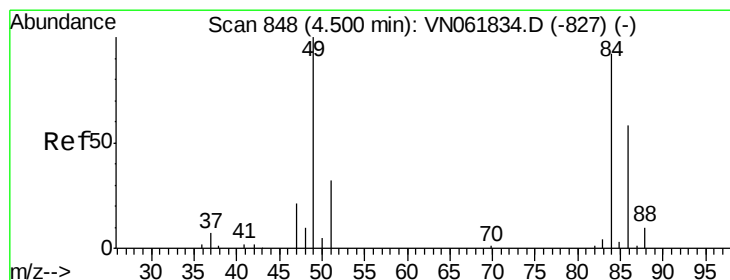
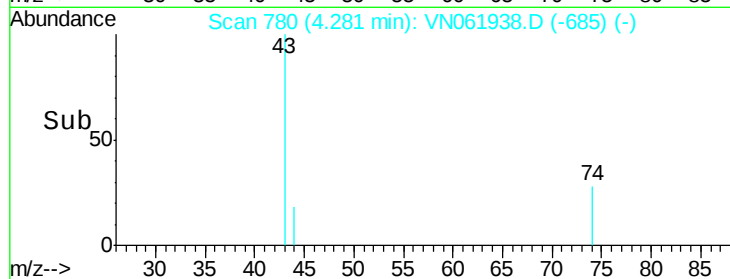
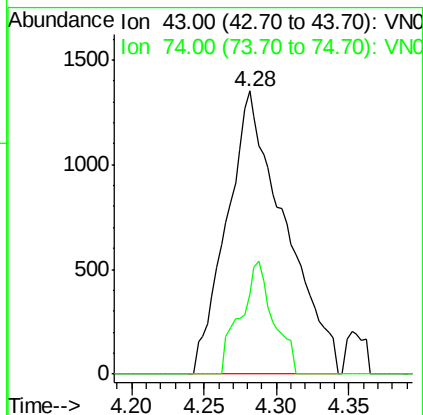
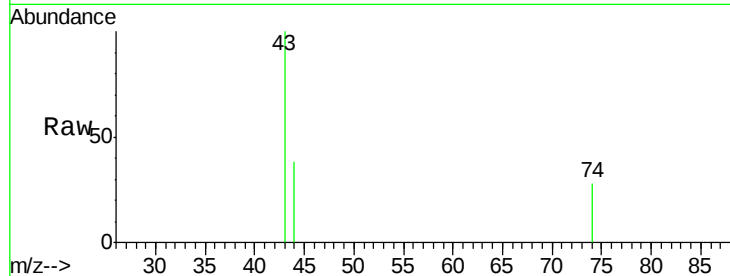




#18
Methyl Acetate
Concen: 2.283 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN061938.D
Acq: 19 Jun 2020 7:42

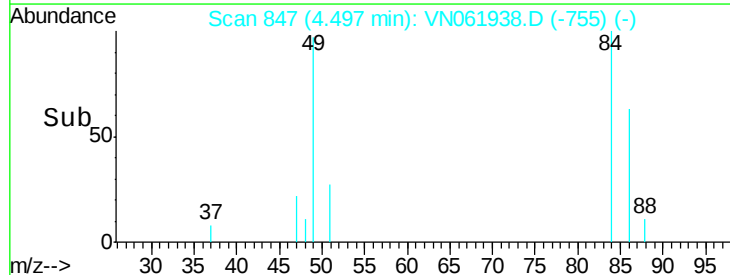
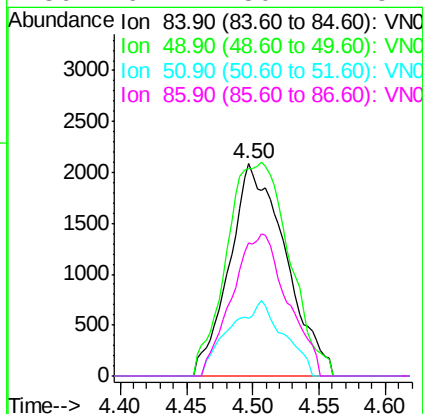
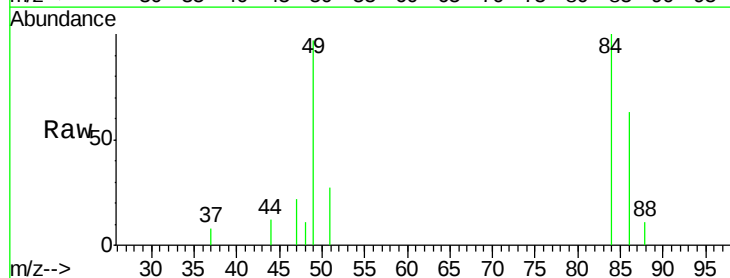
Instrument :
MSVOA_N
ClientSampled :
HD-01-061720

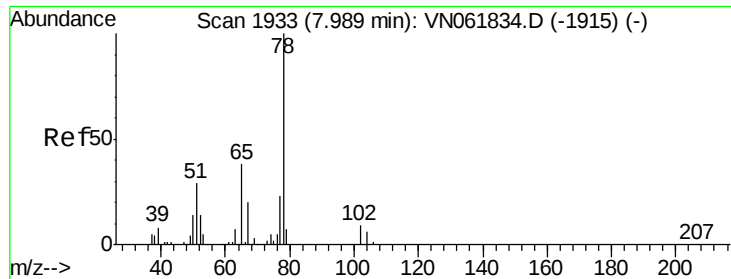
Tot Ion: 43 Resp: 3746
Ion Ratio Lower Upper
43 100
74 22.6 23.0 34.4#



#20
Methylene Chloride
Concen: 3.319 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061938.D
Acq: 19 Jun 2020 7:42

Tgt Ion: 84 Resp: 6161
Ion Ratio Lower Upper
84 100
49 97.5 87.0 130.4
51 27.1 27.8 41.6#
86 62.7 50.2 75.2

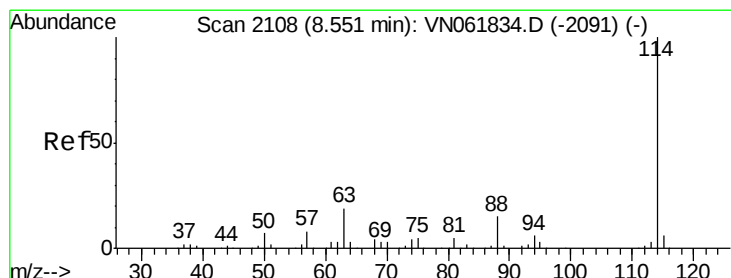
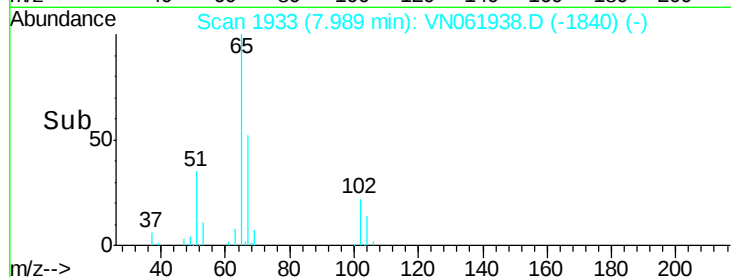
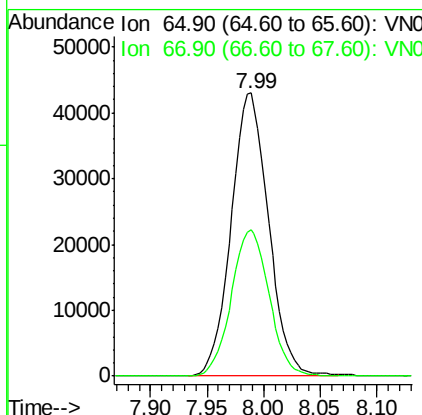
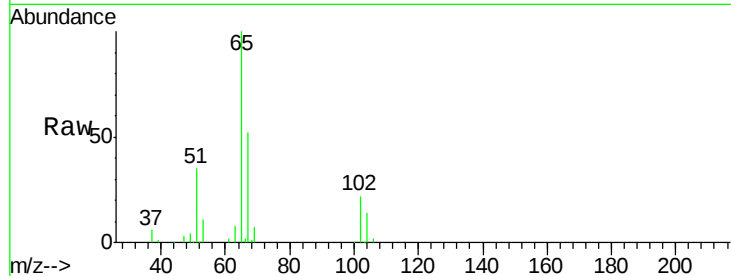




#33
 1,2-Dichloroethane-d4
 Concen: 51.315 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061938.D
 Acq: 19 Jun 2020 7:42

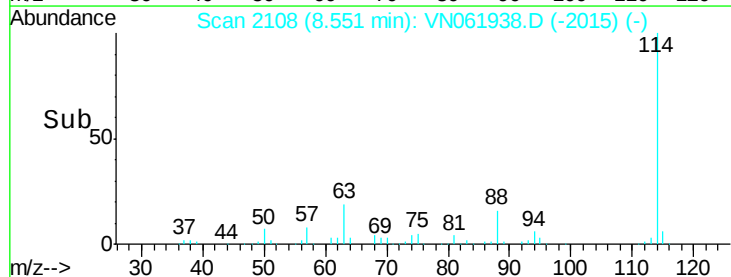
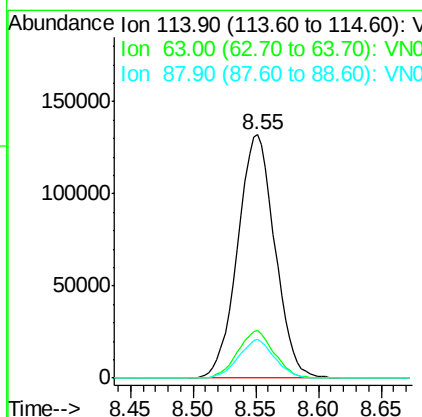
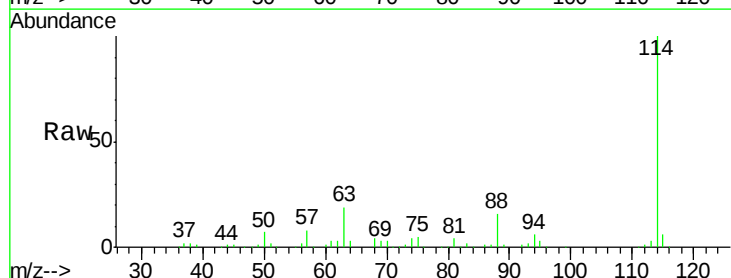
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-061720

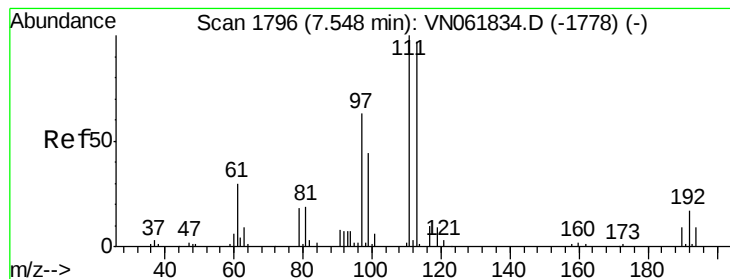
Tot Ion: 65 Resp: 98989
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061938.D
 Acq: 19 Jun 2020 7:42

Tgt Ion: 114 Resp: 272650
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.6
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.334 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061938.D

Acq: 19 Jun 2020 7:42

Instrument :

MSVOA_N

ClientSampleId :

HD-01-061720

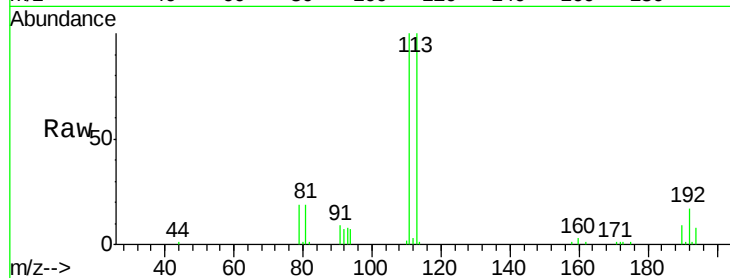
Tot Ion:113 Resp: 86052

Ion Ratio Lower Upper

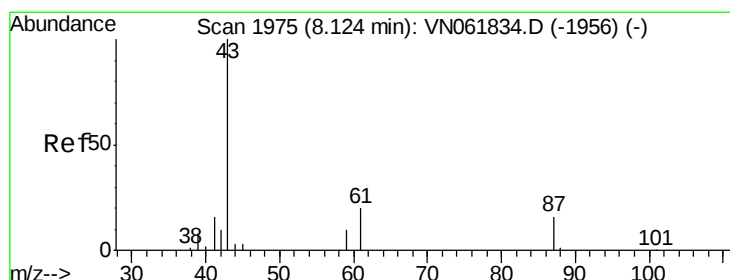
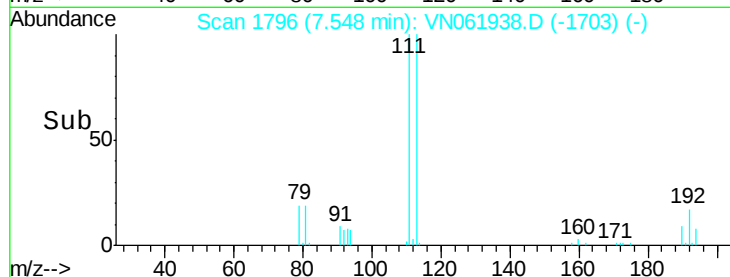
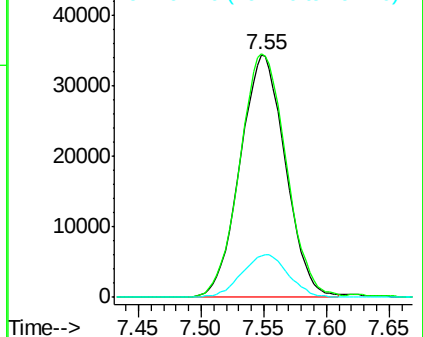
113 100

111 103.3 83.7 125.5

192 18.0 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: 9.844 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061938.D

Acq: 19 Jun 2020 7:42

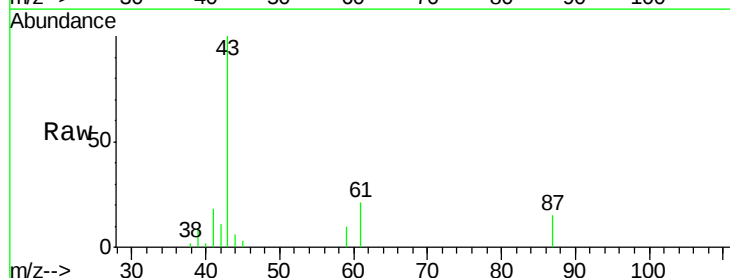
Tgt Ion: 43 Resp: 32217

Ion Ratio Lower Upper

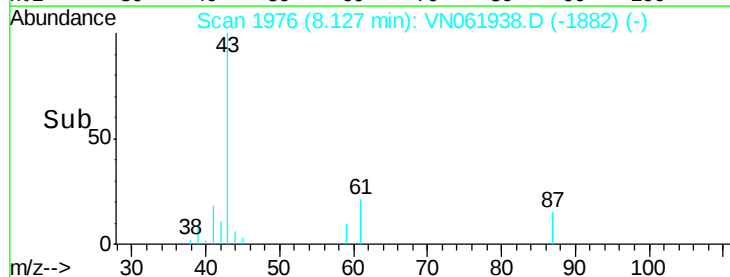
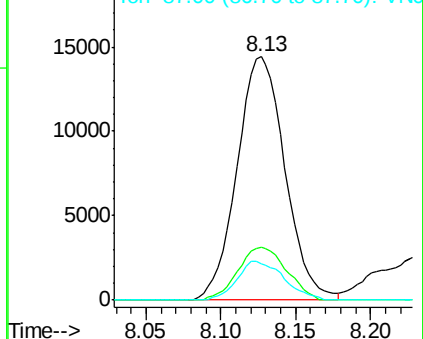
43 100

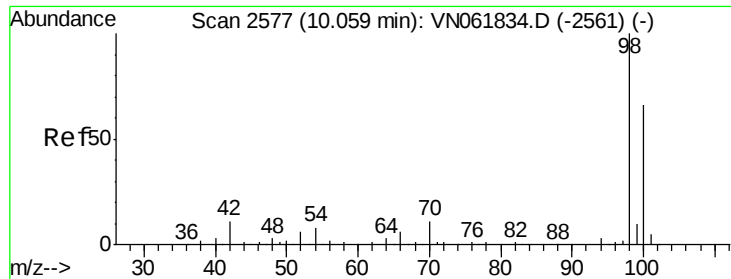
61 21.9 24.0 36.0#

87 15.7 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: 51.027 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061938.D

Acq: 19 Jun 2020 7:42

Instrument :

MSVOA_N

ClientSampleId :

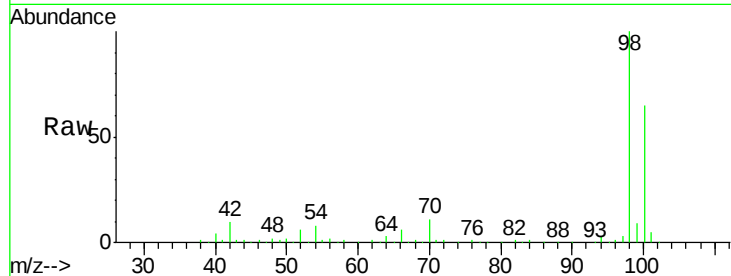
HD-01-061720

Tot Ion: 98 Resp: 349914

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061938.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061938.D (-2561) (-)

10.06

200000

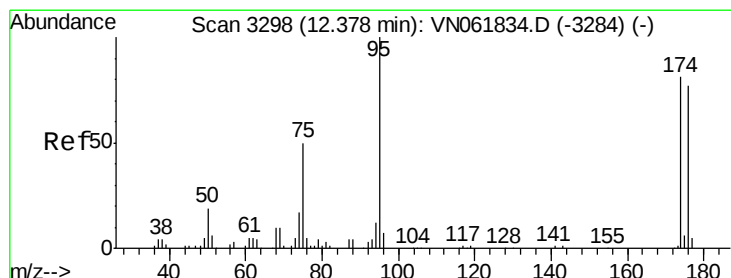
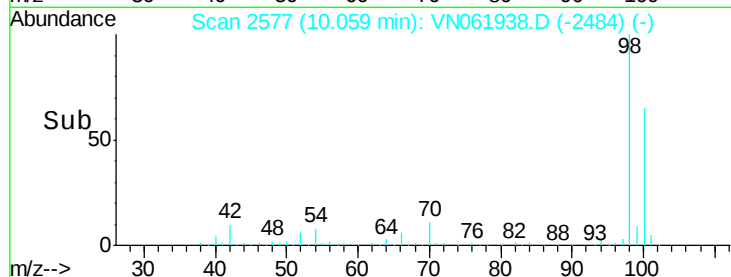
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.052 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061938.D

Acq: 19 Jun 2020 7:42

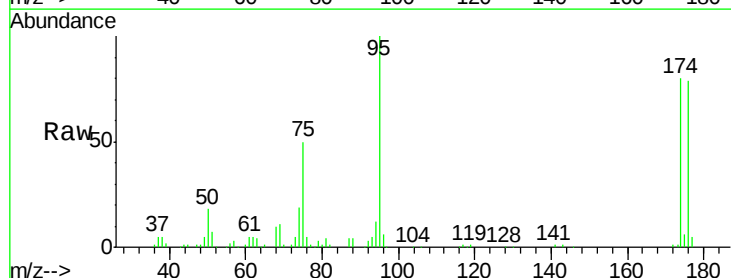
Tgt Ion: 95 Resp: 113028

Ion Ratio Lower Upper

95 100

174 79.7 0.0 158.6

176 76.5 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061938.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061938.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061938.D (-3205) (-)

12.38

80000

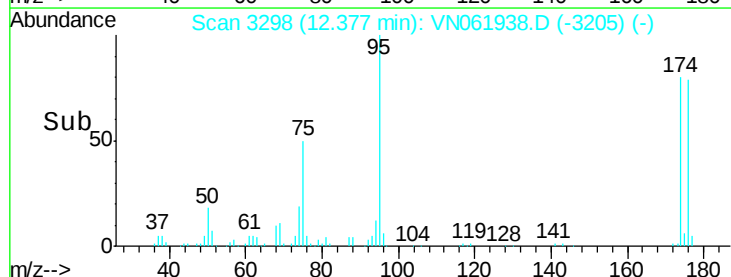
60000

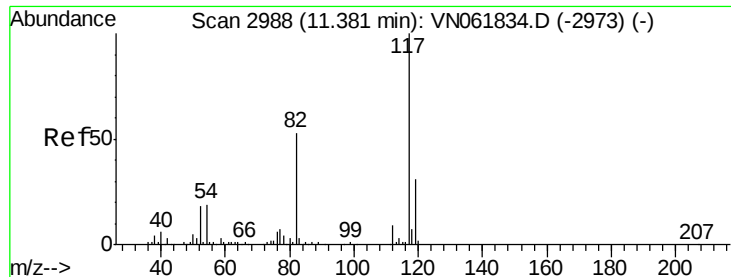
40000

20000

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Time-->

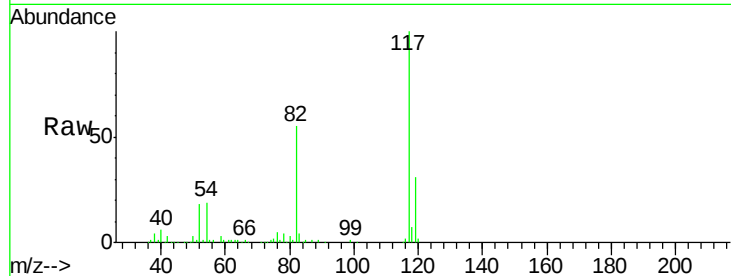




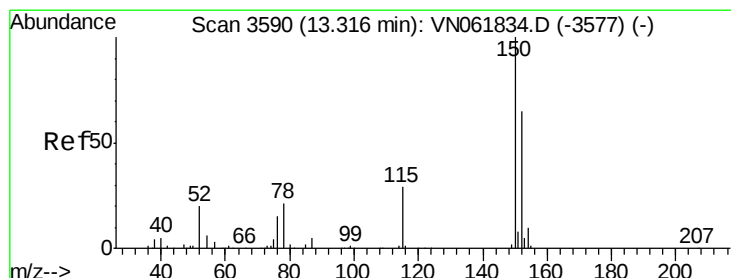
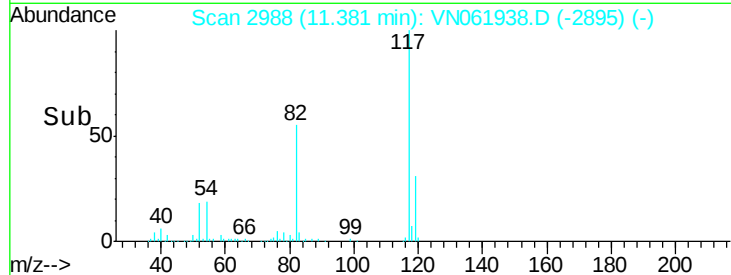
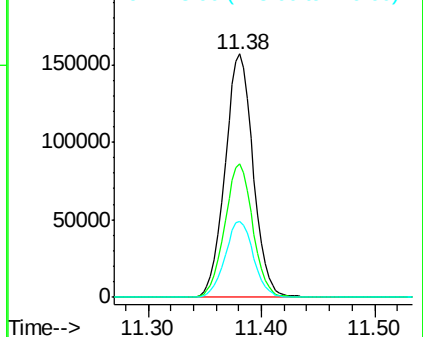
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061938.D
Acq: 19 Jun 2020 7:42

Instrument :
MSVOA_N
ClientSampleId :
HD-01-061720

Tot Ion:117 Resp: 270336
Ion Ratio Lower Upper
117 100
82 54.7 42.6 64.0
119 31.4 24.7 37.1

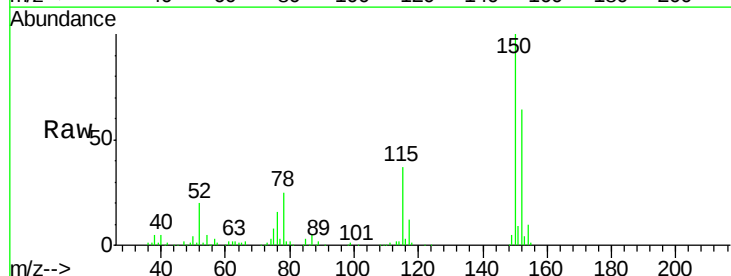


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061938.D
Acq: 19 Jun 2020 7:42

Tgt Ion:152 Resp: 99776
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 157.5 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

