

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063658.D
 Acq On : 25 Sep 2020 4:13
 Operator : JC/MD
 Sample : L3863-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-092220

Quant Time: Sep 25 06:15:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

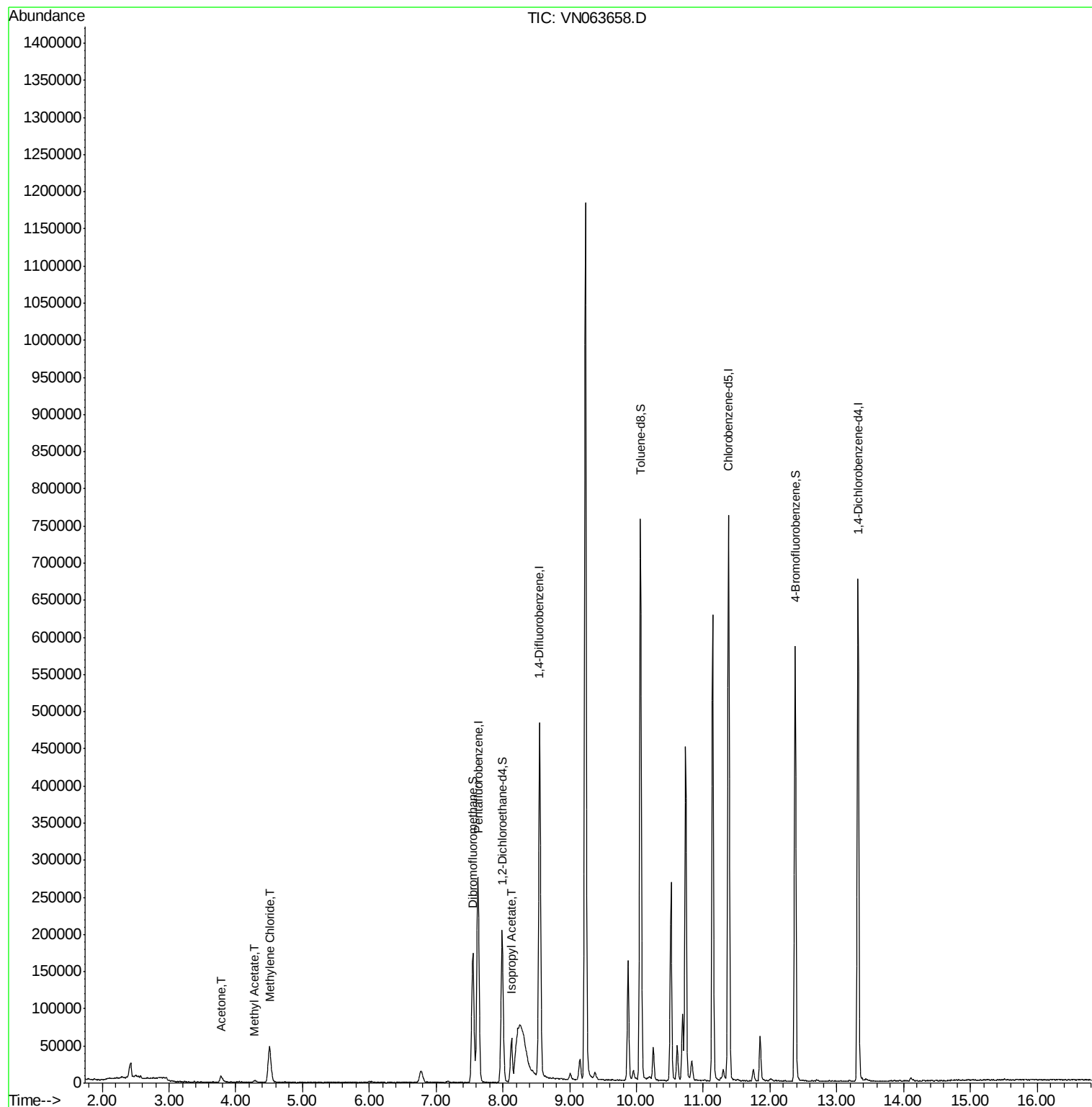
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	393975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177947	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
35) Dibromofluoromethane	7.55	113	127148	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.06	98	500257	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.38	95	189019	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
Target Compounds						
16) Acetone	3.78	43	13356	12.058	ug/l	98
18) Methyl Acetate	4.29	43	5202	1.850	ug/l #	81
20) Methylene Chloride	4.51	84	33301	11.866	ug/l	96
43) Isopropyl Acetate	8.13	43	69751	9.613	ug/l	99

(#) = 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# 1831

Delta R.T. 0.00 min

Lab File: VN063658.D

Acq: 25 Sep 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

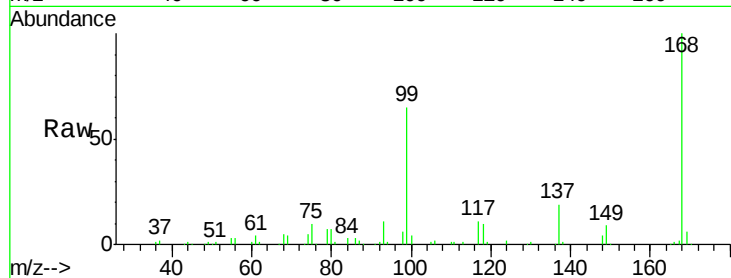
HD-01-092220

Tot Ion:168 Resp: 202470

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

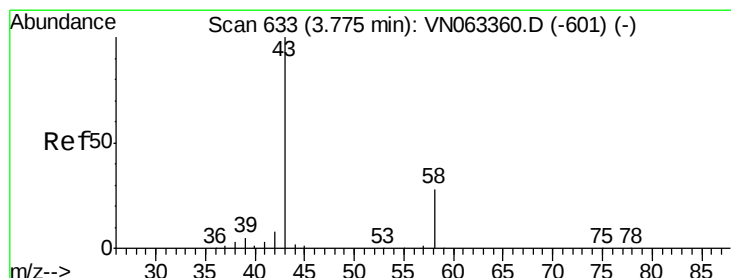
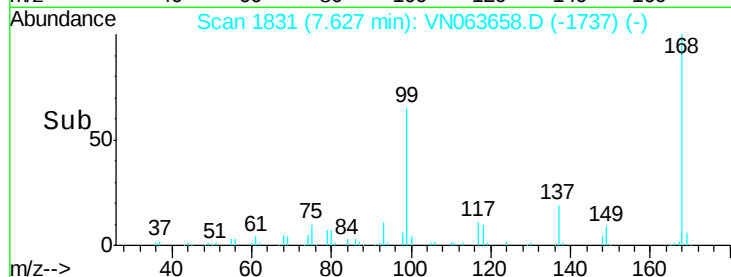
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 12.058 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063658.D

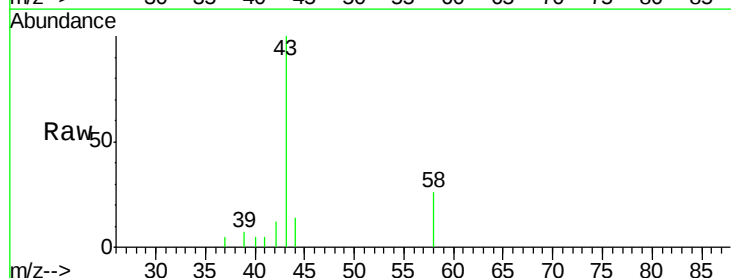
Acq: 25 Sep 2020 4:13

Tgt Ion: 43 Resp: 13356

Ion Ratio Lower Upper

43 100

58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

6000

5000

4000

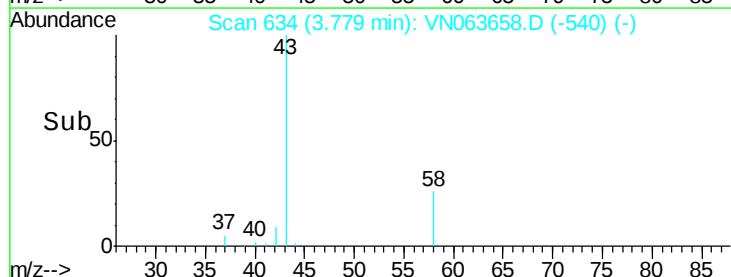
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85

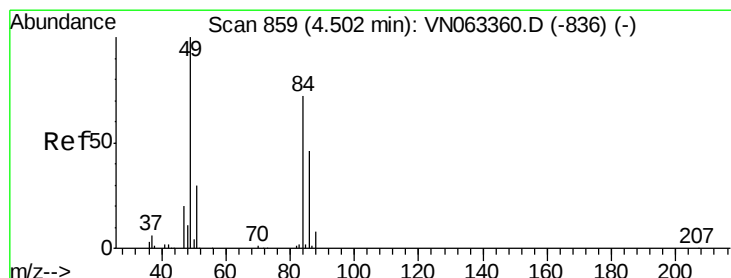
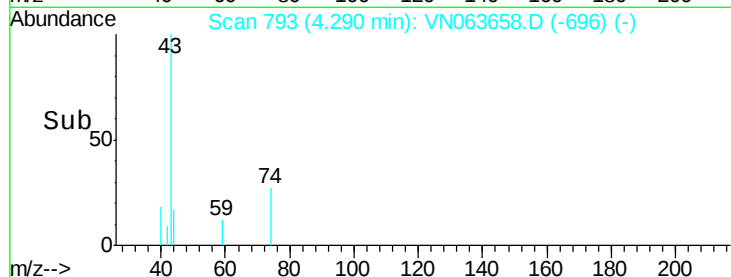
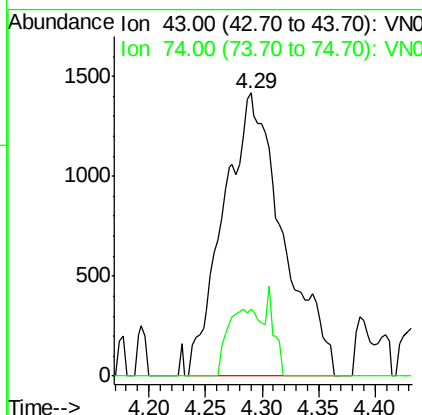
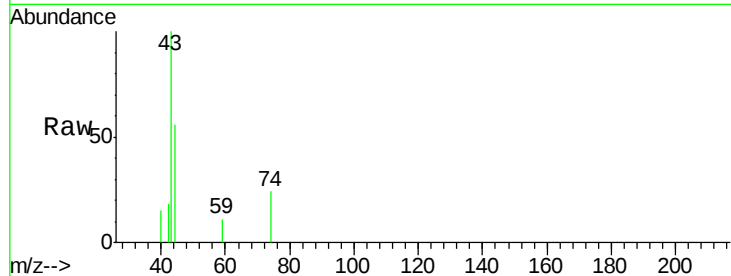




#18
Methyl Acetate
Concen: 1.850 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063658.D
Acq: 25 Sep 2020 4:13

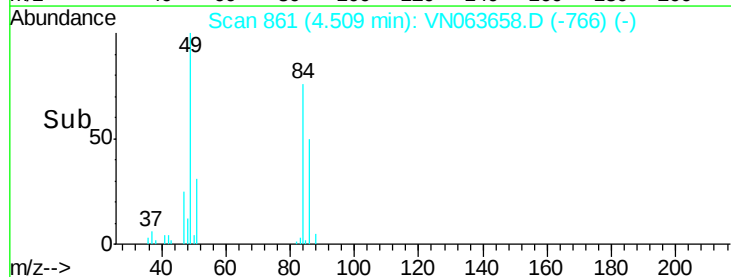
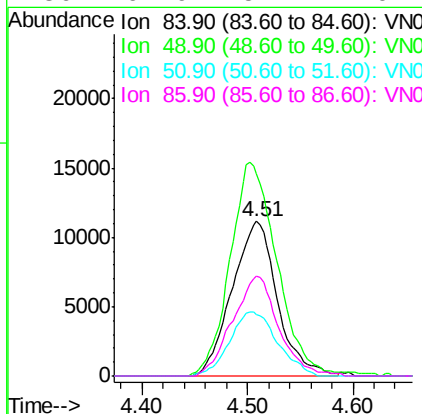
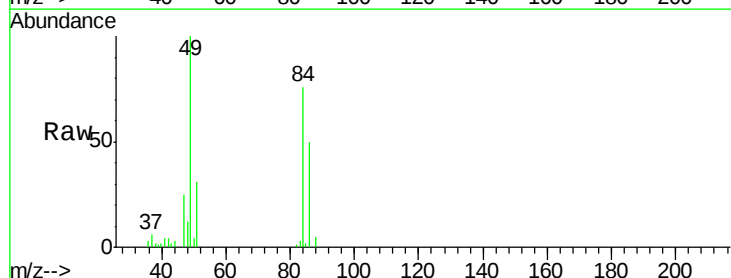
Instrument :
MSVOA_N
ClientSampleId :
HD-01-092220

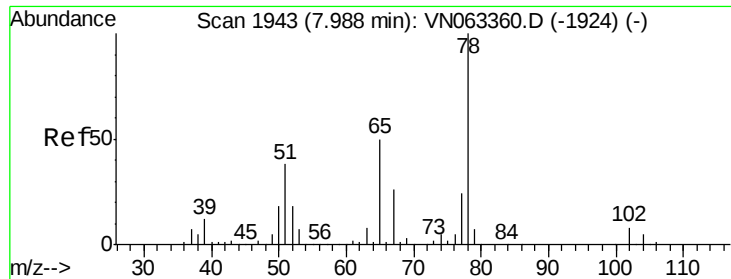
Tot Ion: 43 Resp: 5202
Ion Ratio Lower Upper
43 100
74 12.7 17.4 26.2#



#20
Methylene Chloride
Concen: 11.866 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063658.D
Acq: 25 Sep 2020 4:13

Tgt Ion: 84 Resp: 33301
Ion Ratio Lower Upper
84 100
49 130.9 110.7 166.1
51 40.1 32.9 49.3
86 64.9 51.1 76.7

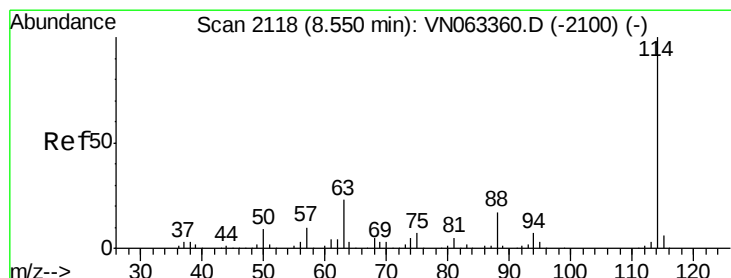
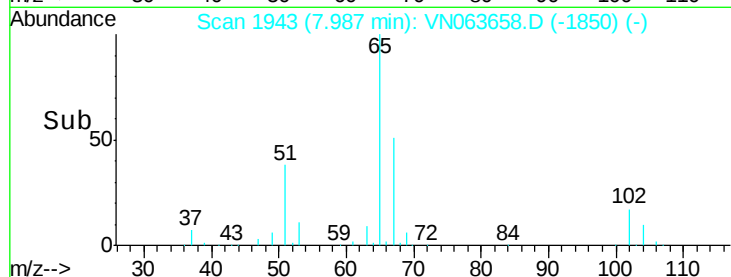
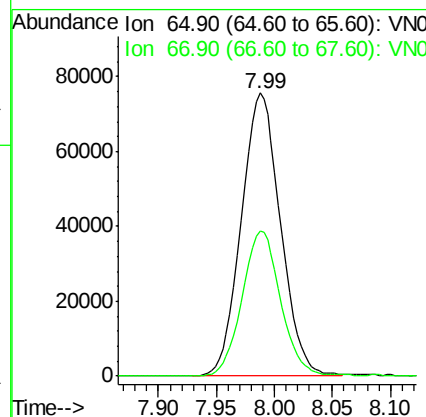
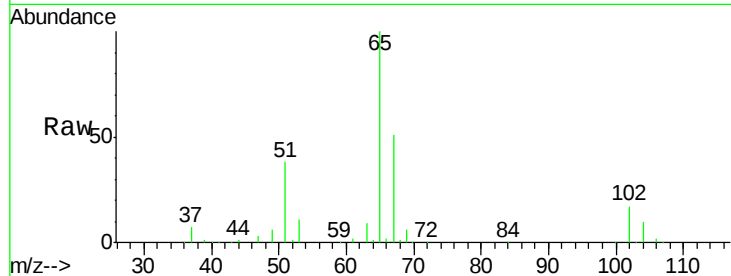




#33
 1,2-Dichloroethane-d4
 Concen: 51.630 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063658.D
 Acq: 25 Sep 2020 4:13

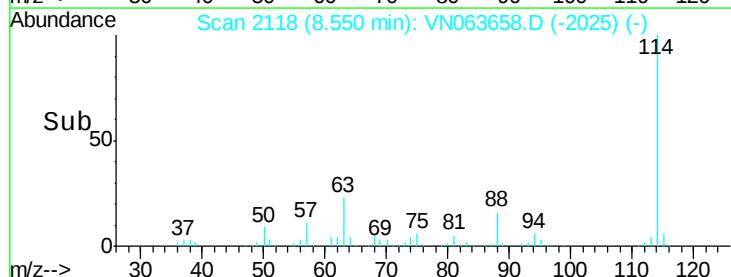
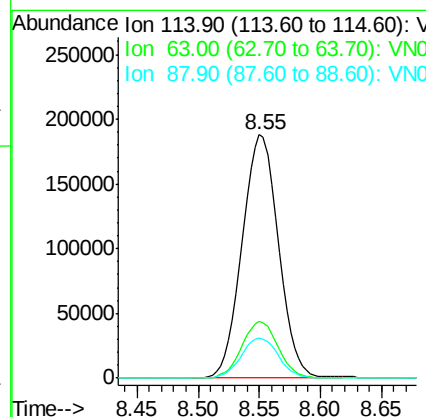
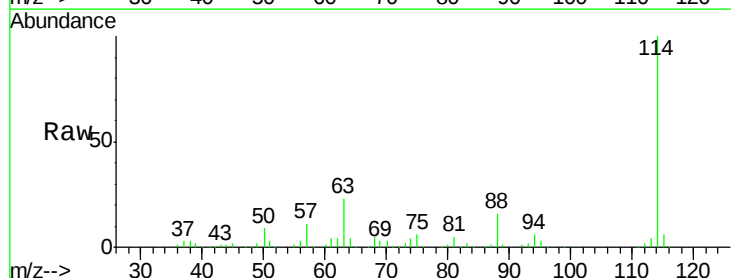
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-092220

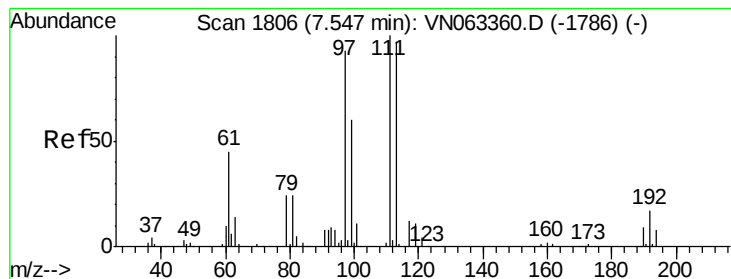
Tot Ion: 65 Resp: 177947
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063658.D
 Acq: 25 Sep 2020 4:13

Tgt Ion: 114 Resp: 388098
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.325 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063658.D

Acq: 25 Sep 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

HD-01-092220

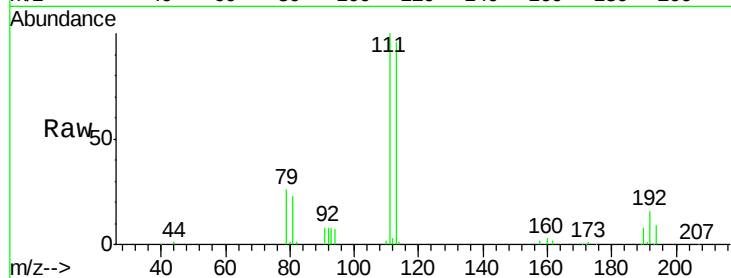
Tot Ion:113 Resp: 127148

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

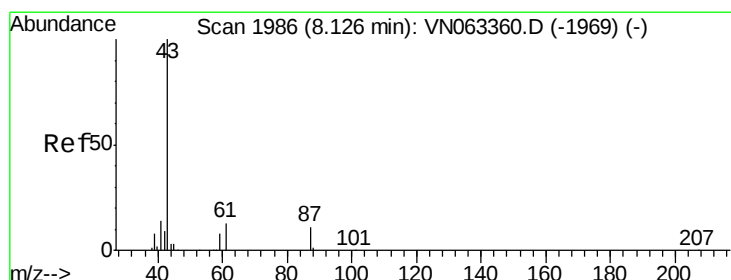
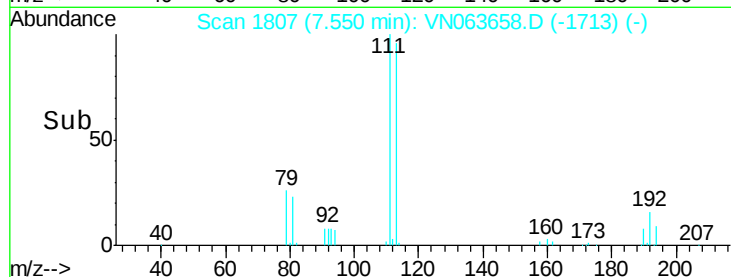
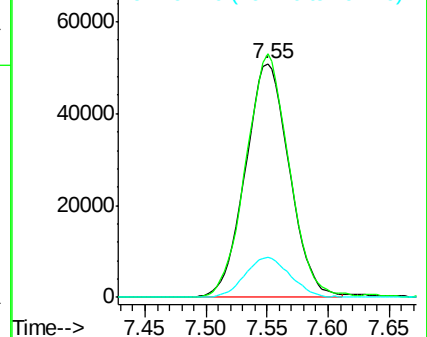
192 17.6 13.9 20.9



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: 9.613 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063658.D

Acq: 25 Sep 2020 4:13

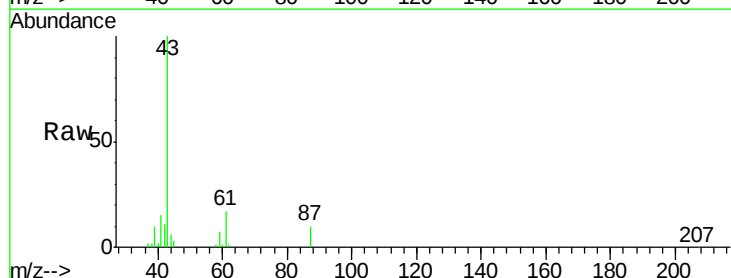
Tgt Ion: 43 Resp: 69751

Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.2

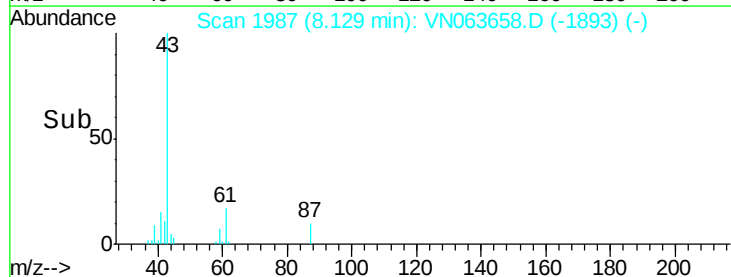
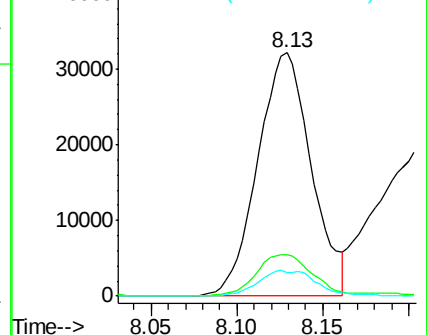
87 11.4 9.0 13.6

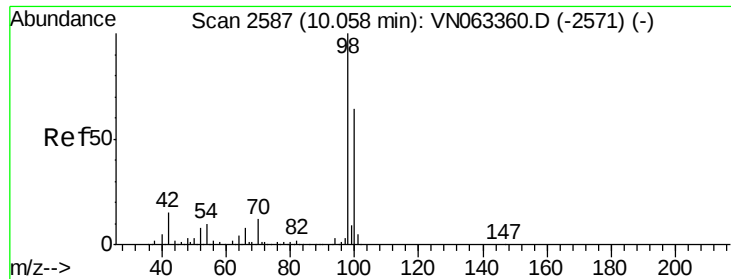


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.518 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063658.D

Acq: 25 Sep 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

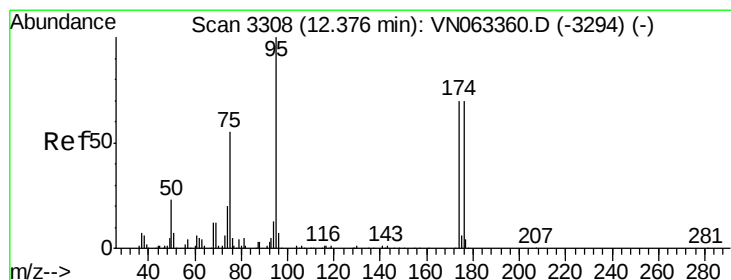
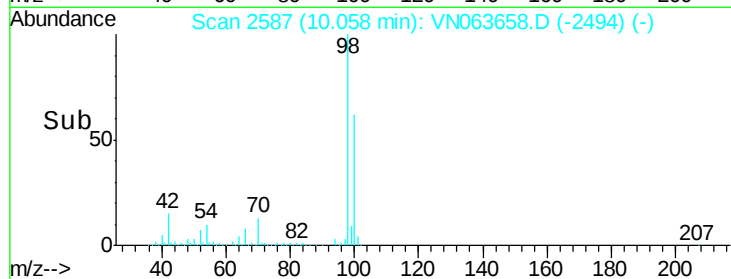
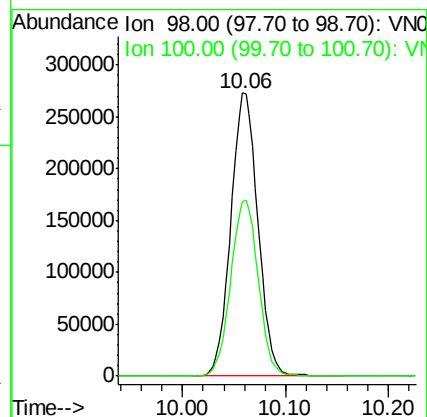
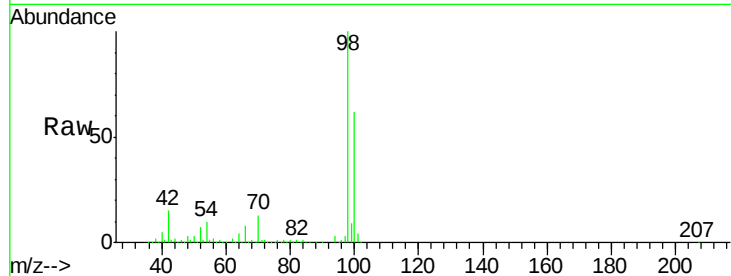
HD-01-092220

Tot Ion: 98 Resp: 500257

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.039 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063658.D

Acq: 25 Sep 2020 4:13

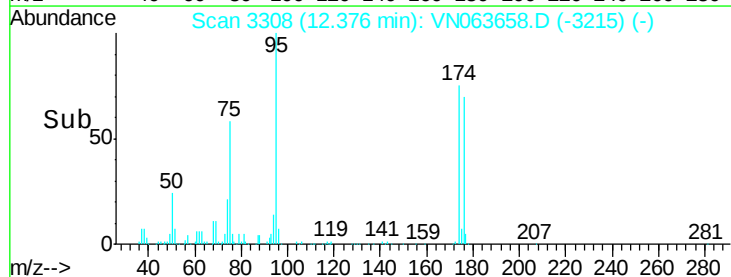
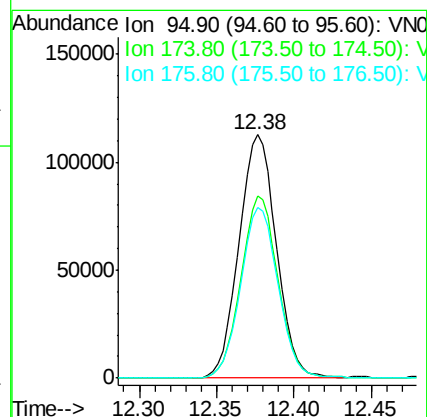
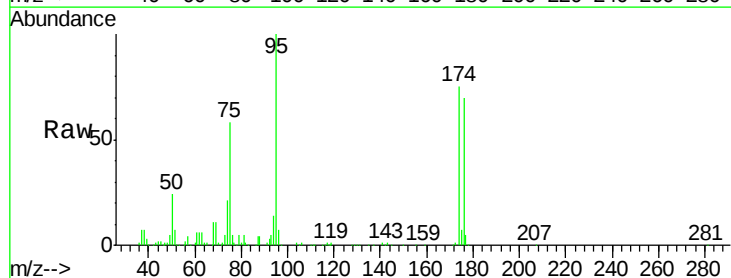
Tgt Ion: 95 Resp: 189019

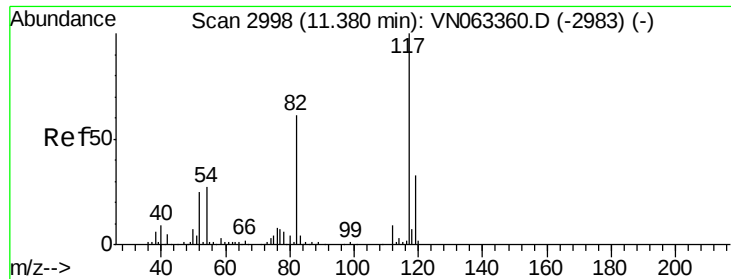
Ion Ratio Lower Upper

95 100

174 74.2 0.0 140.8

176 70.6 0.0 137.6

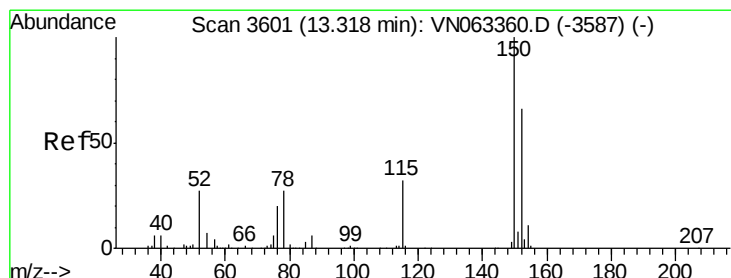
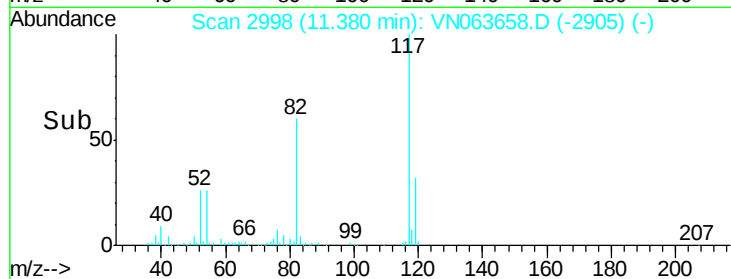
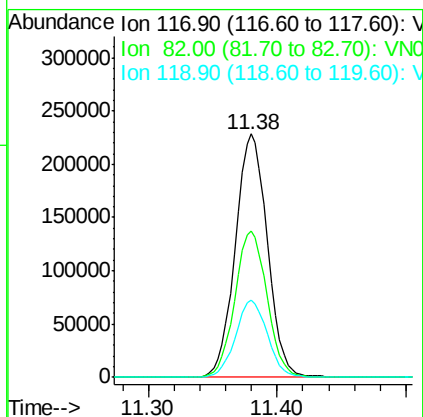
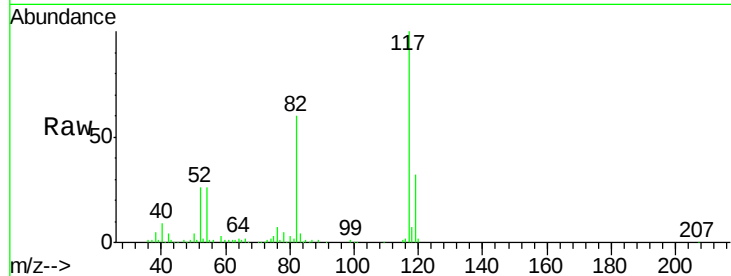




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063658.D
Acq: 25 Sep 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
HD-01-092220

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	49.2	73.8
119	31.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063658.D
Acq: 25 Sep 2020 4:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.2	96.6
150	159.2	0.0	343.4

