

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063457.D
 Acq On : 18 Sep 2020 15:02
 Operator : JC/MD
 Sample : PB131701ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131701ZHE#12

Quant Time: Sep 21 02:03:24 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

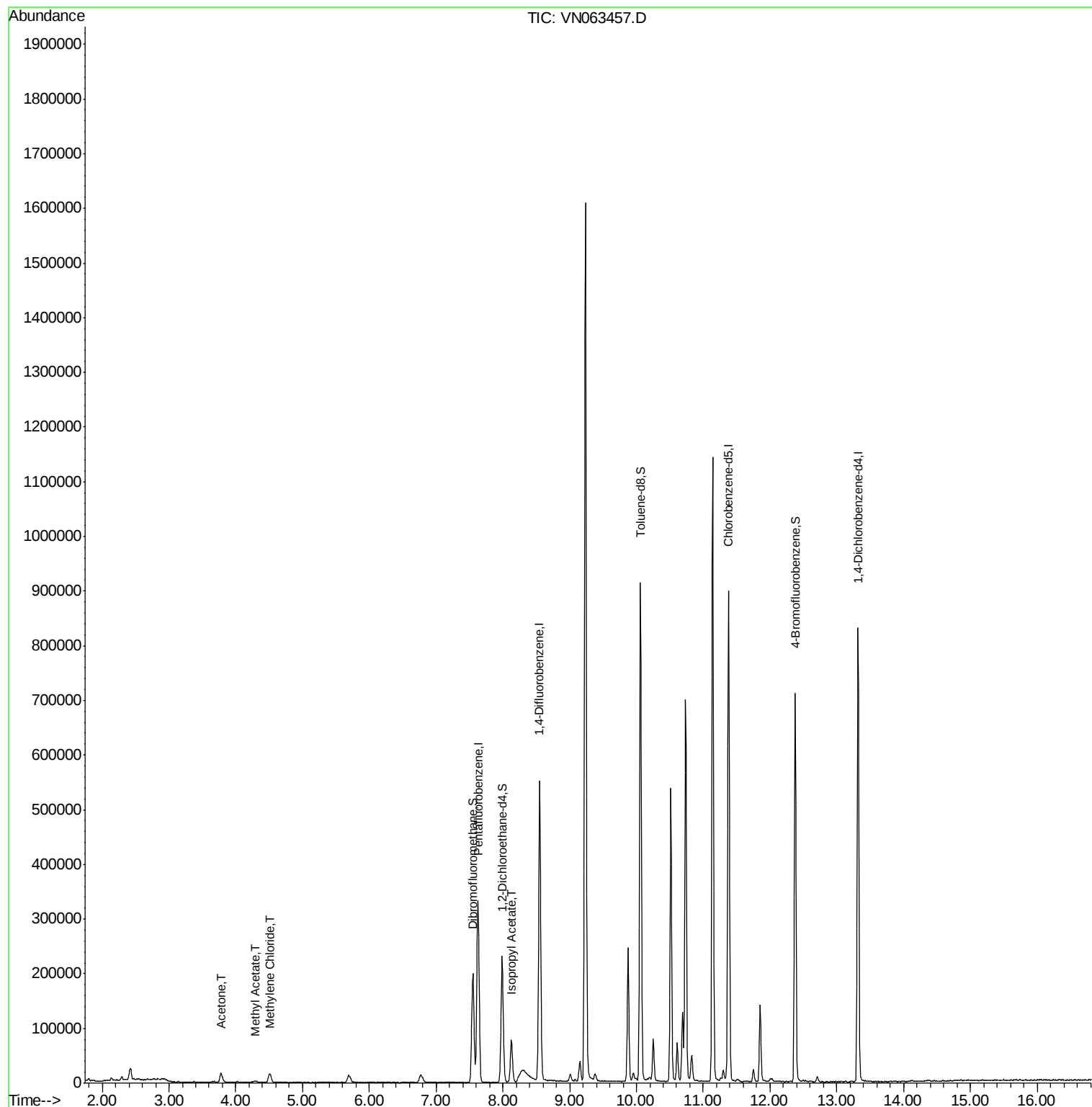
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	463173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	199012	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
35) Dibromofluoromethane	7.55	113	149033	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.06	98	596651	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.38	95	240755	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
Target Compounds						
16) Acetone	3.78	43	30143	22.456	ug/l	98
18) Methyl Acetate	4.29	43	4297	1.261	ug/l #	66
20) Methylene Chloride	4.51	84	11003	3.235	ug/l	94
43) Isopropyl Acetate	8.13	43	98198	11.340	ug/l	99

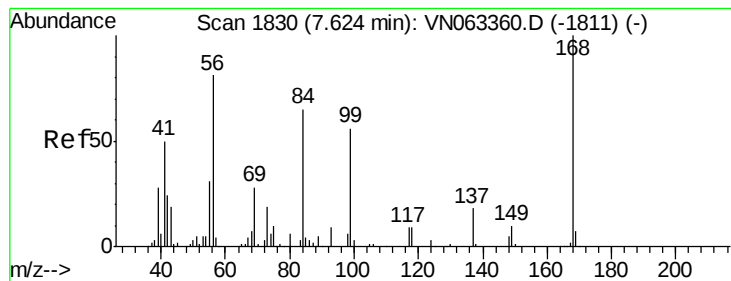
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 16 13:05:20 2020
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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: VN063457.D

Acq: 18 Sep 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

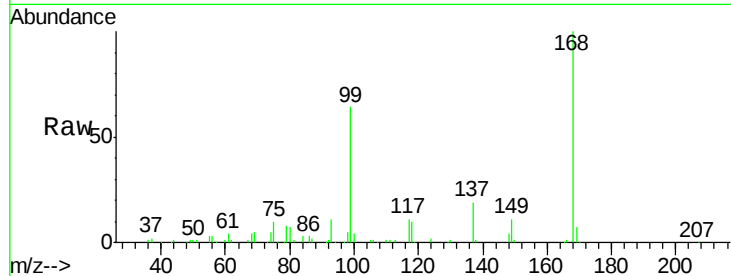
PB131701ZHE#12

Tot Ion:168 Resp: 245364

Ion Ratio Lower Upper

168 100

99 64.4 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

100000

80000

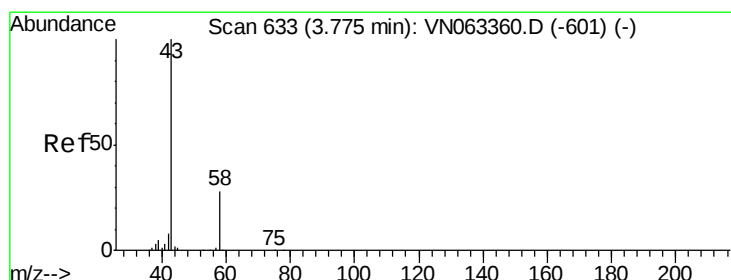
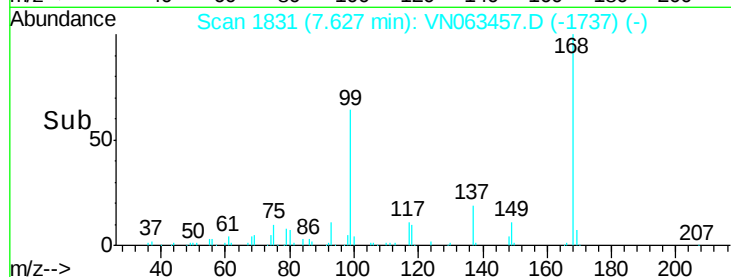
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 22.456 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063457.D

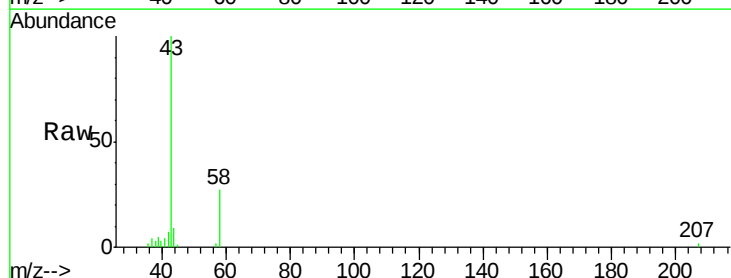
Acq: 18 Sep 2020 15:02

Tgt Ion: 43 Resp: 30143

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

12000

10000

8000

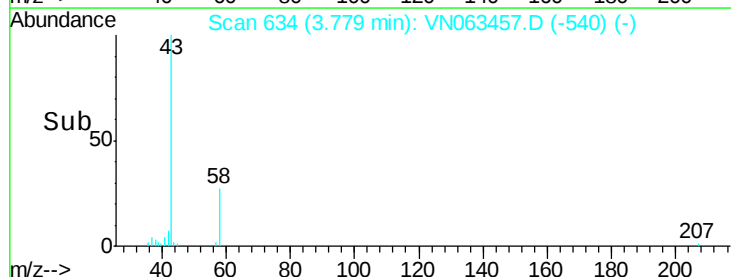
6000

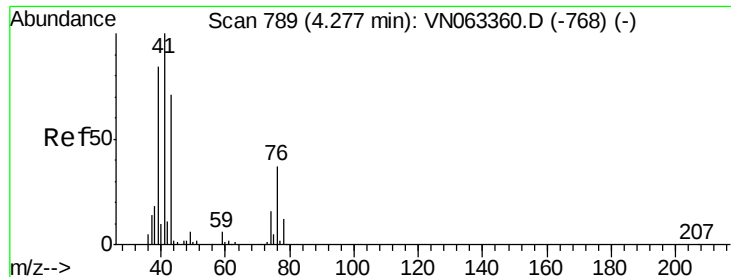
4000

2000

0

Time-->

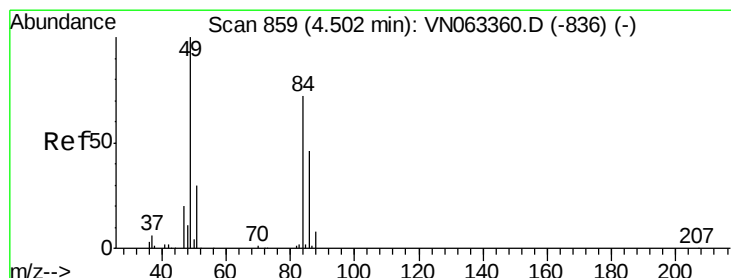
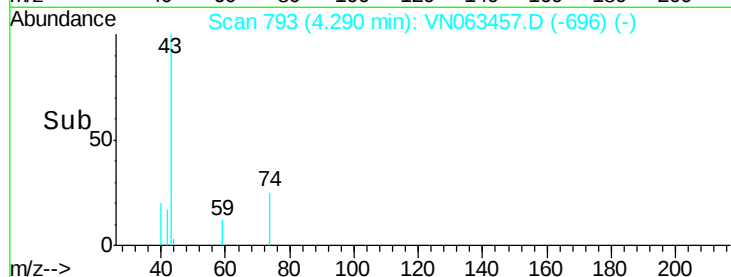
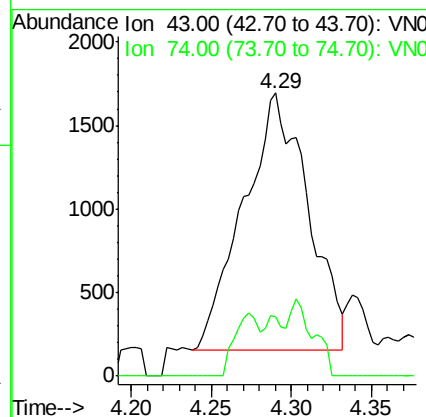
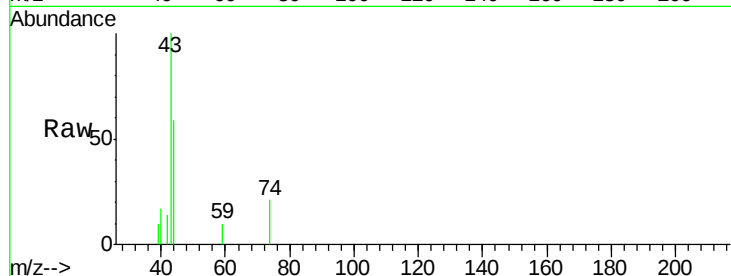




#18
Methyl Acetate
Concen: 1.261 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063457.D
Acq: 18 Sep 2020 15:02

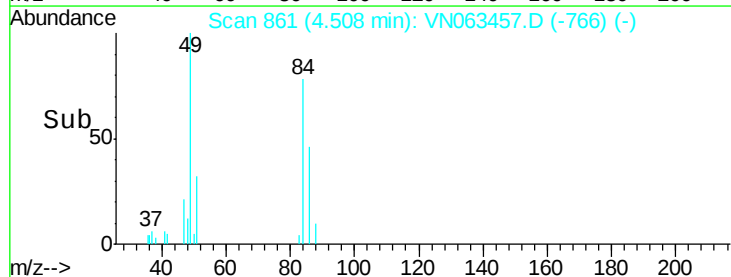
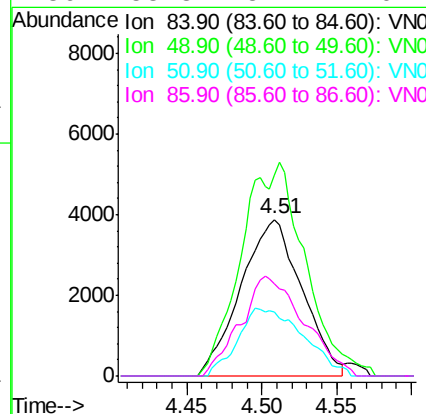
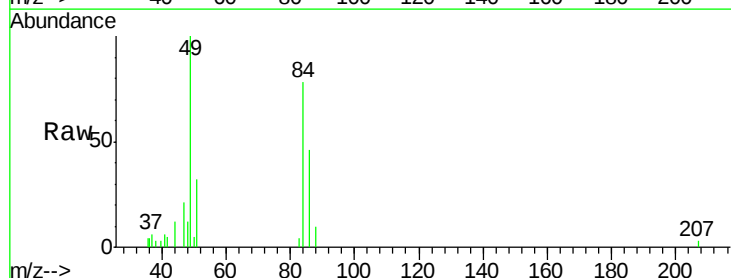
Instrument :
MSVOA_N
ClientSampleId :
PB131701ZHE#12

Tot Ion: 43 Resp: 4297
Ion Ratio Lower Upper
43 100
74 5.8 17.4 26.2#



#20
Methylene Chloride
Concen: 3.235 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063457.D
Acq: 18 Sep 2020 15:02

Tgt Ion: 84 Resp: 11003
Ion Ratio Lower Upper
84 100
49 128.9 110.7 166.1
51 41.0 32.9 49.3
86 58.8 51.1 76.7

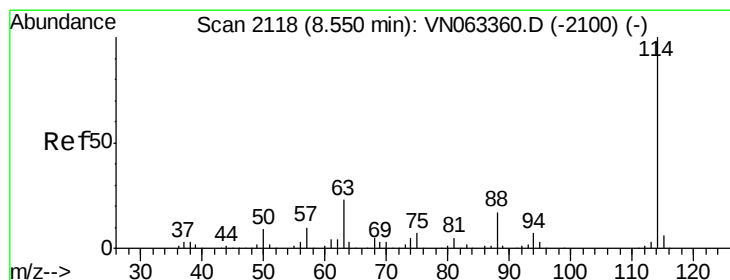
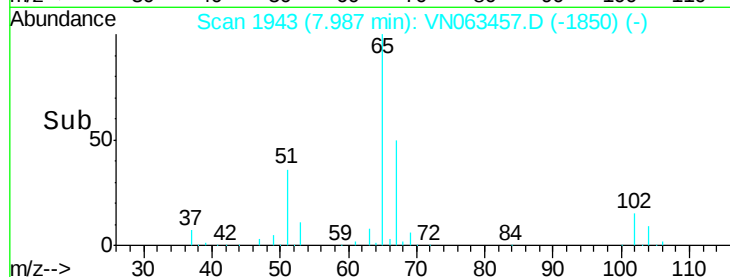
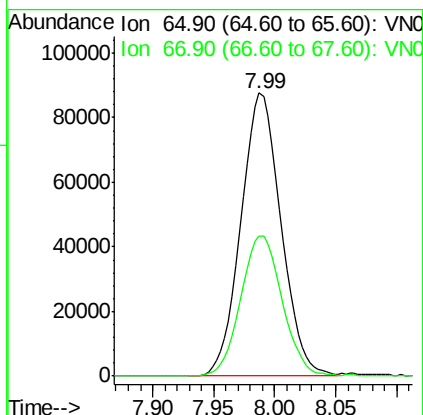
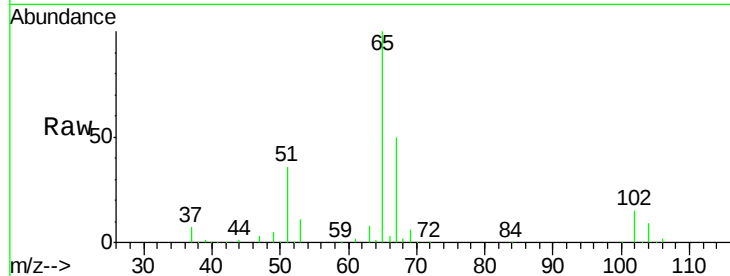




#33
 1,2-Dichloroethane-d4
 Concen: 47.648 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063457.D
 Acq: 18 Sep 2020 15:02

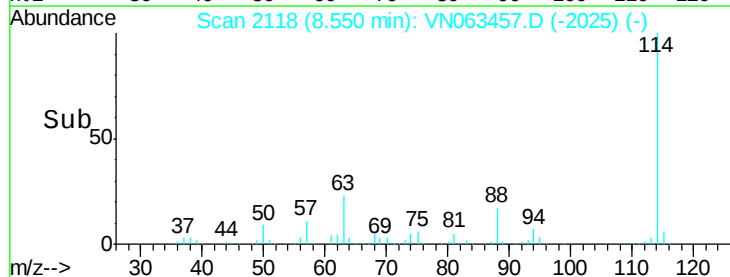
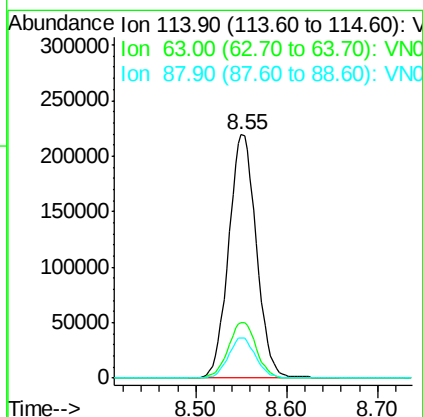
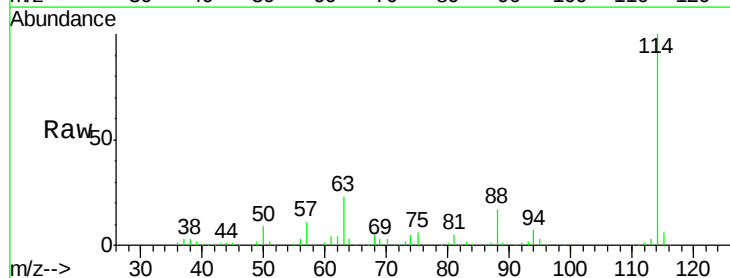
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131701ZHE#12

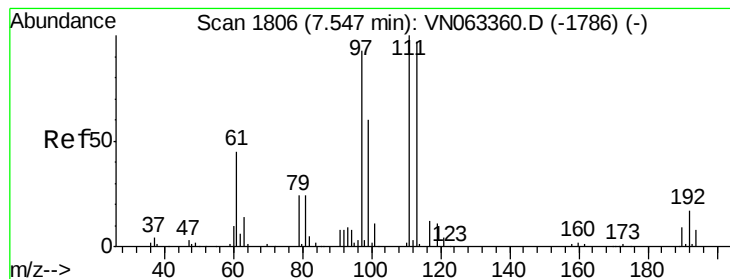
Tot Ion: 65 Resp: 199012
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063457.D
 Acq: 18 Sep 2020 15:02

Tgt Ion: 114 Resp: 463173
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.4
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.479 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063457.D

Acq: 18 Sep 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

PB131701ZHE#12

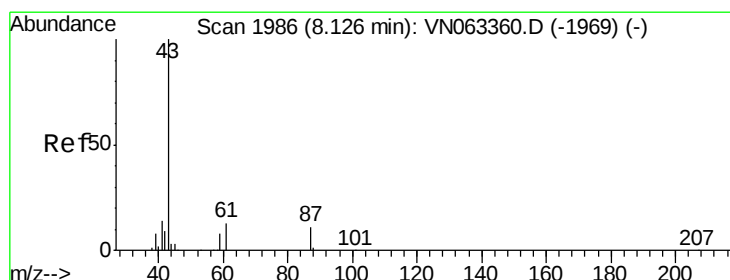
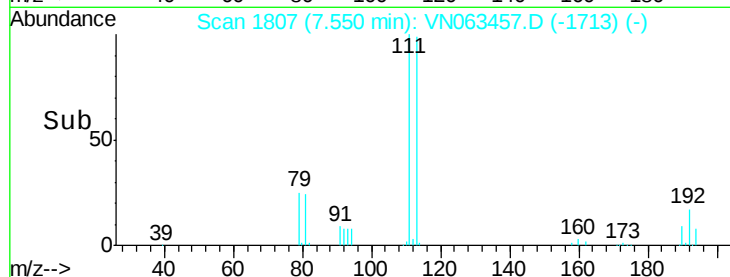
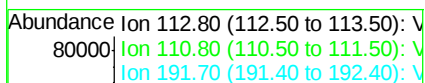
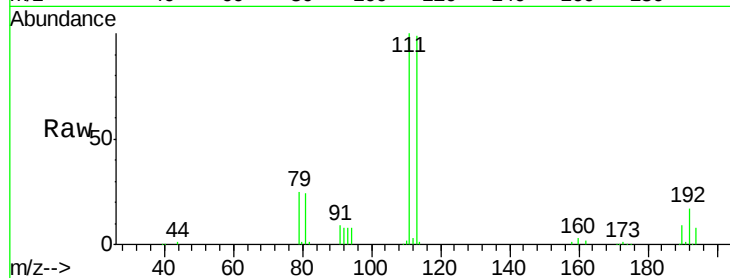
Tot Ion:113 Resp: 149033

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 17.4 13.9 20.9



#43

Isopropyl Acetate

Concen: 11.340 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063457.D

Acq: 18 Sep 2020 15:02

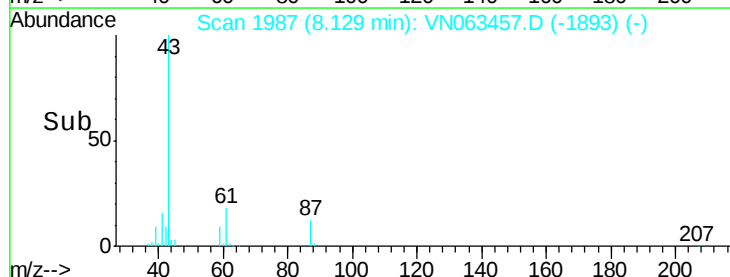
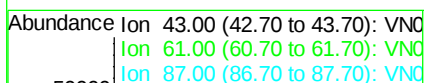
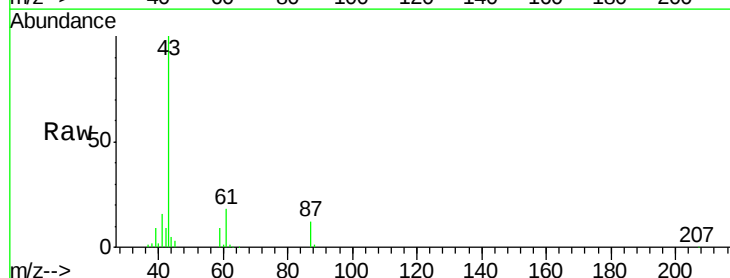
Tgt Ion: 43 Resp: 98198

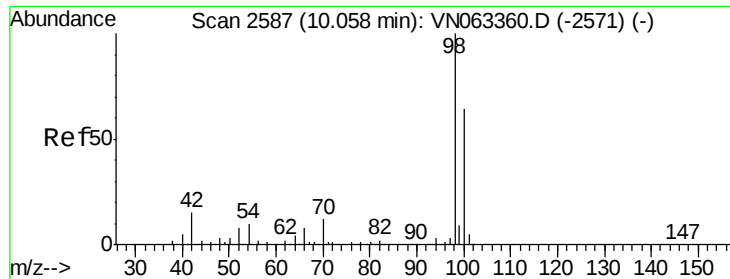
Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.2

87 11.4 9.0 13.6





#50

Toluene-d8

Concen: 49.487 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063457.D

Acq: 18 Sep 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

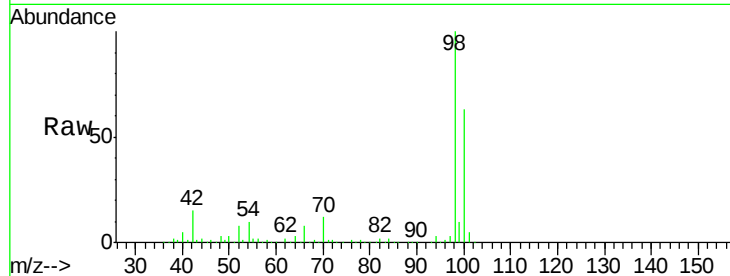
PB131701ZHE#12

Tot Ion: 98 Resp: 596651

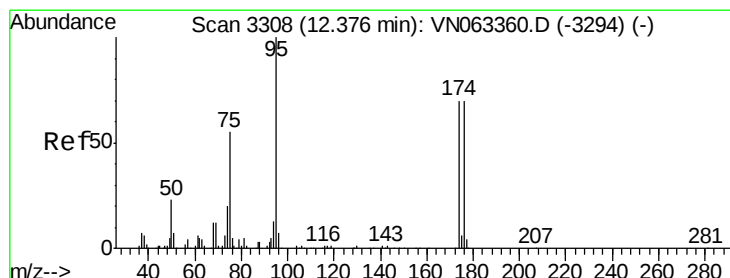
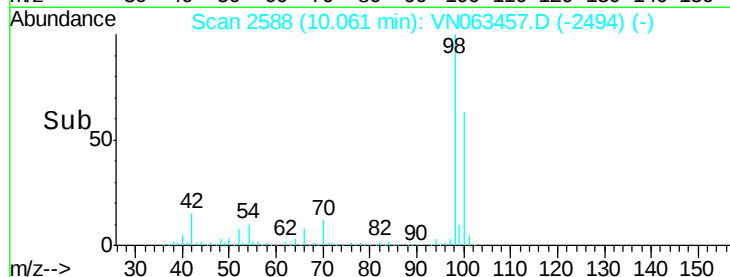
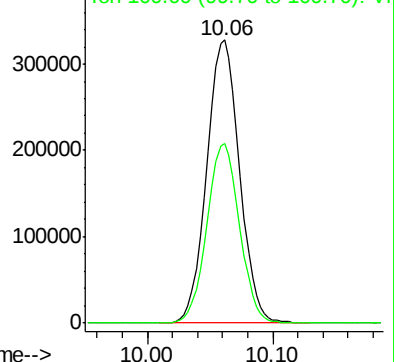
Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 54.472 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063457.D

Acq: 18 Sep 2020 15:02

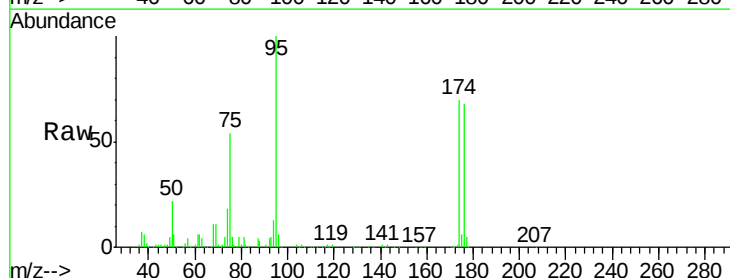
Tgt Ion: 95 Resp: 240755

Ion Ratio Lower Upper

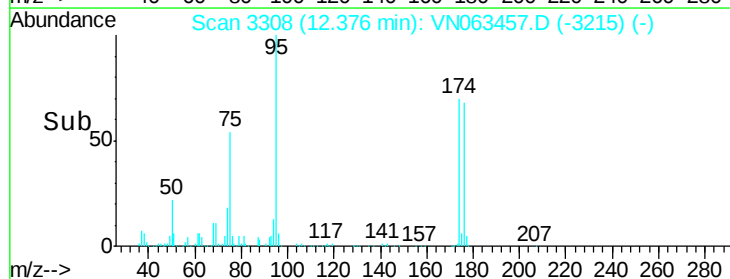
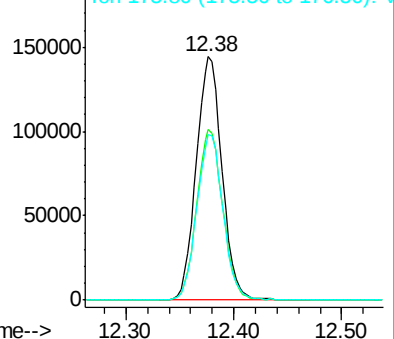
95 100

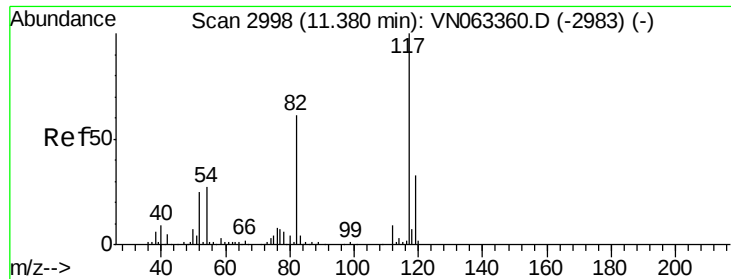
174 70.4 0.0 140.8

176 68.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

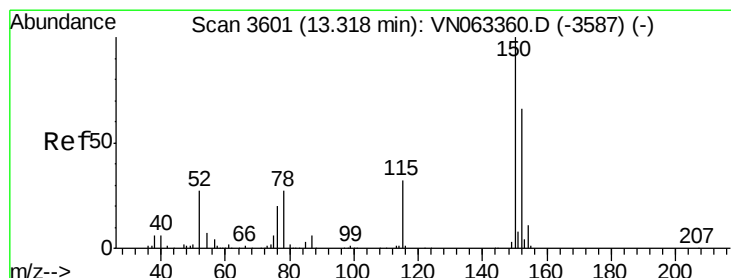
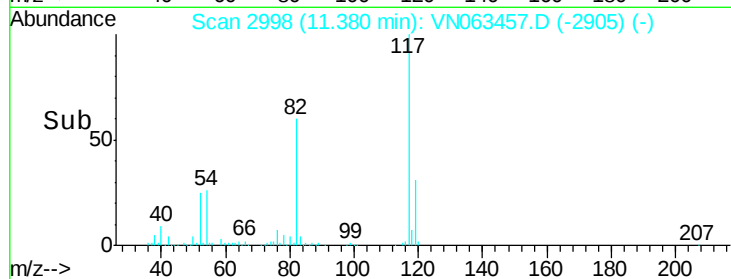
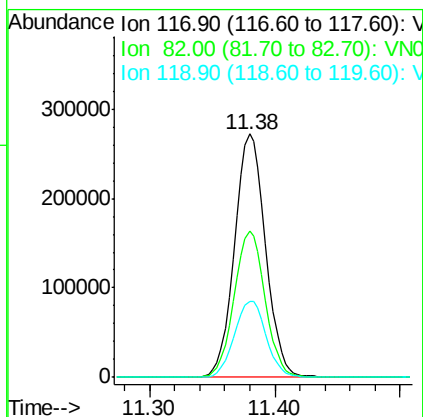
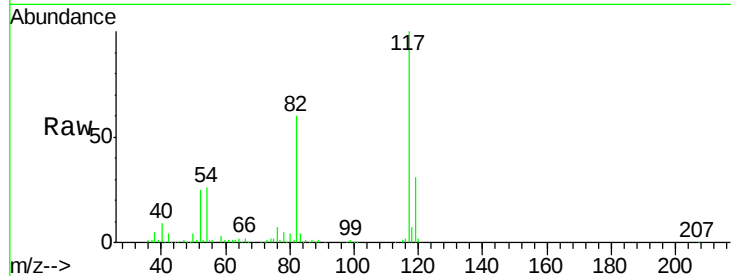




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063457.D
Acq: 18 Sep 2020 15:02

Instrument :
MSVOA_N
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PB131701ZHE#12

Tot Ion:117 Resp: 466293
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 31.4 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: VN063457.D
Acq: 18 Sep 2020 15:02

Tgt Ion:152 Resp: 202825
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 157.2 0.0 343.4

