

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063387.D
 Acq On : 17 Sep 2020 1:04
 Operator : JC/MD
 Sample : PB131646ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#14

Quant Time: Sep 17 05:19:35 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

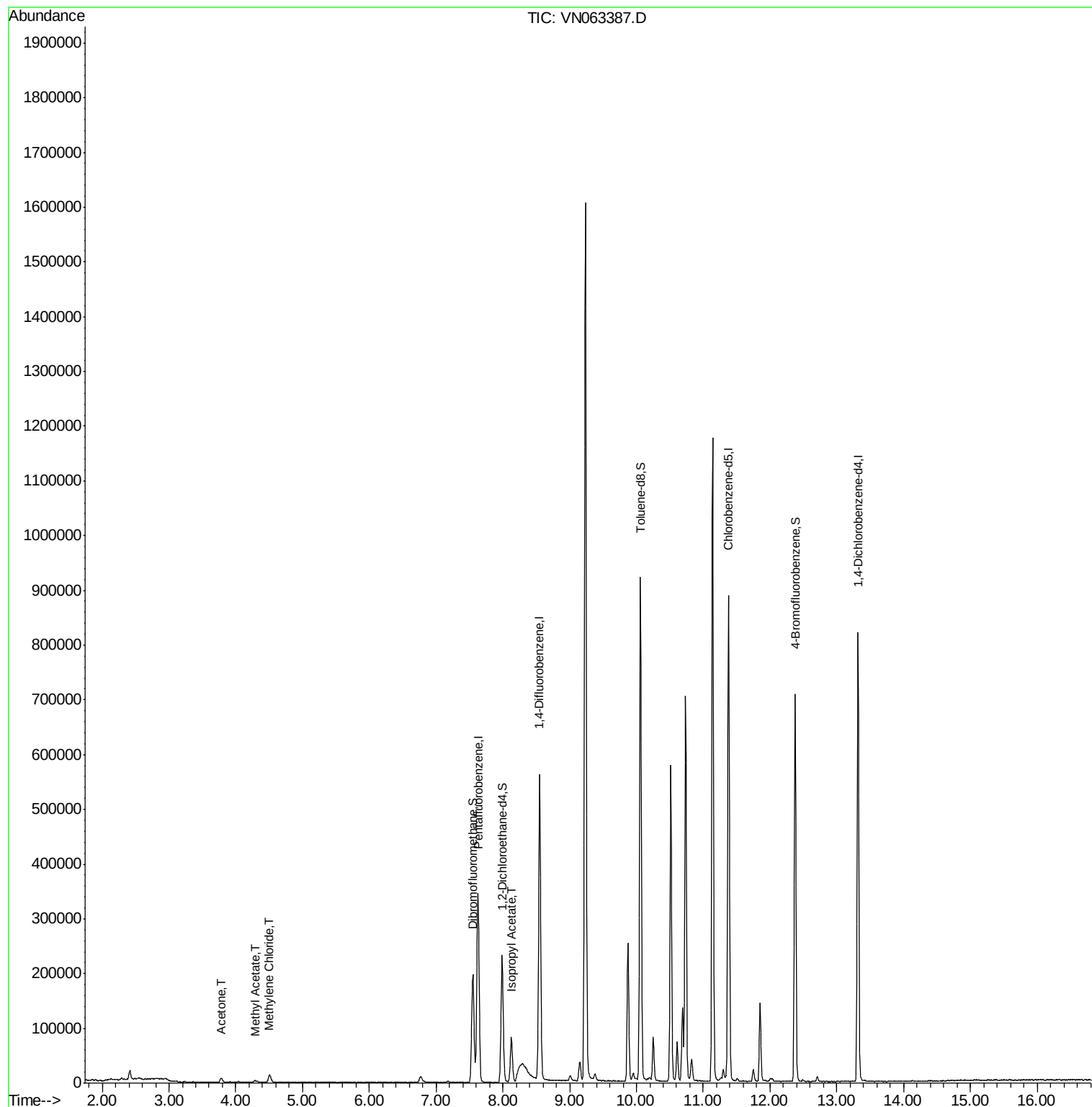
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	253757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	462252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	462160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	199814	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
35) Dibromofluoromethane	7.55	113	148613	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	10.06	98	598878	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.38	95	236796	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
Target Compounds						
16) Acetone	3.78	43	12247	8.822	ug/l	100
18) Methyl Acetate	4.28	43	4665	1.324	ug/l #	71
20) Methylene Chloride	4.50	84	9401	2.673	ug/l	94
43) Isopropyl Acetate	8.13	43	101119	11.700	ug/l	99

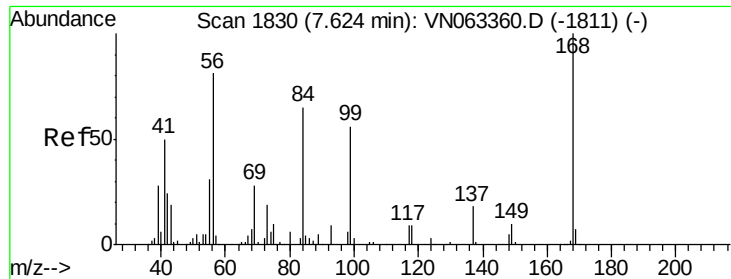
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063387.D

Acq: 17 Sep 2020 1:04

Instrument :

MSVOA_N

ClientSampleId :

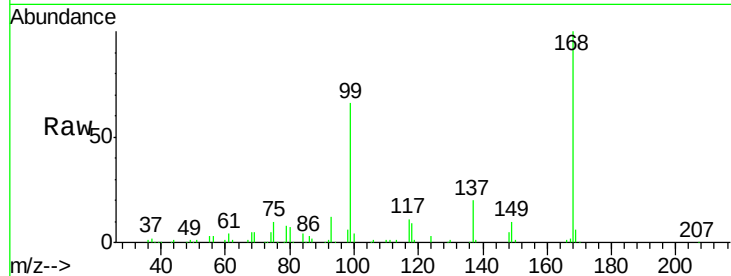
PB131646ZHE#14

Tot Ion:168 Resp: 253757

Ion Ratio Lower Upper

168 100

99 66.0 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

120000

100000

80000

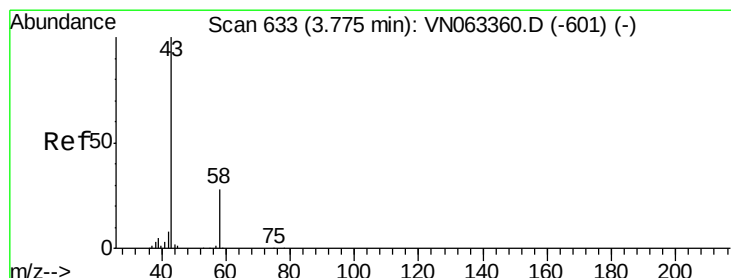
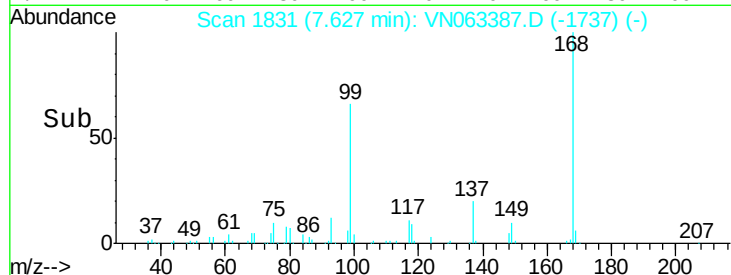
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.822 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063387.D

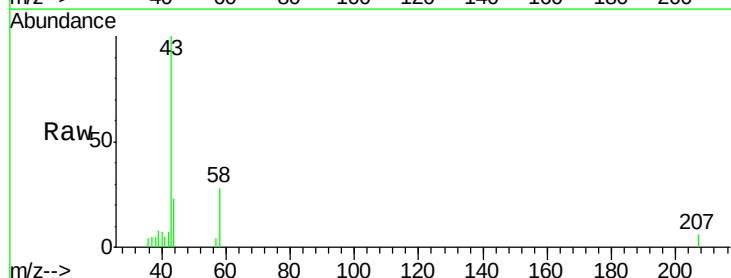
Acq: 17 Sep 2020 1:04

Tgt Ion: 43 Resp: 12247

Ion Ratio Lower Upper

43 100

58 28.1 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

4000

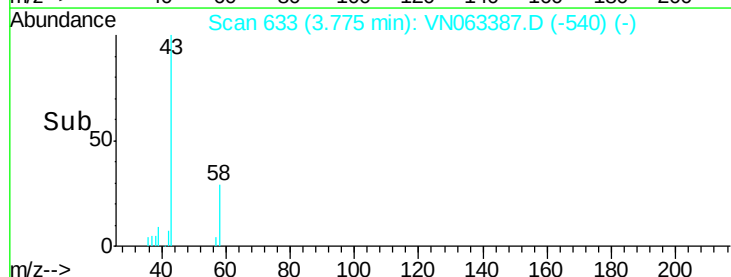
3000

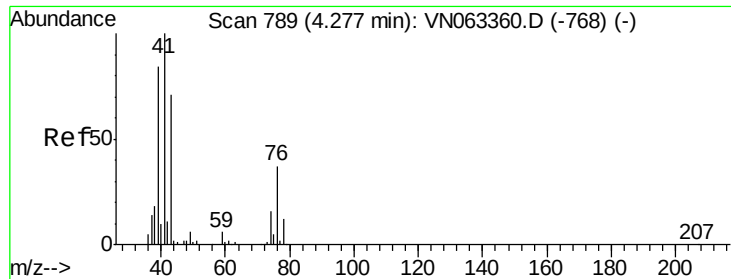
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

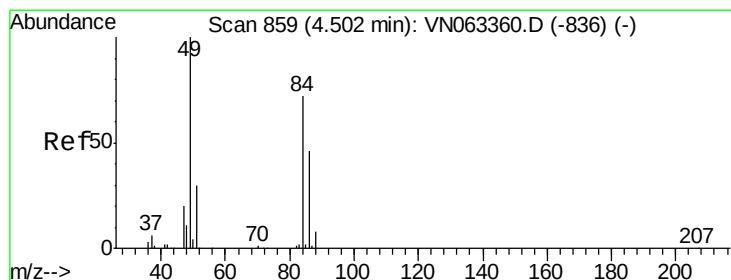
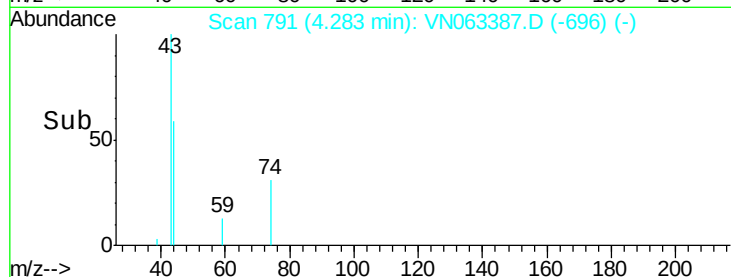
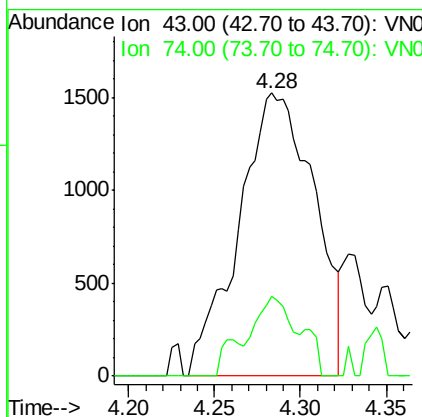
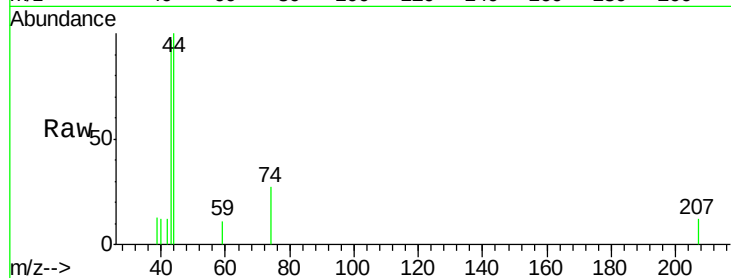




#18
Methvl Acetate
Concen: 1.324 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063387.D
Acq: 17 Sep 2020 1:04

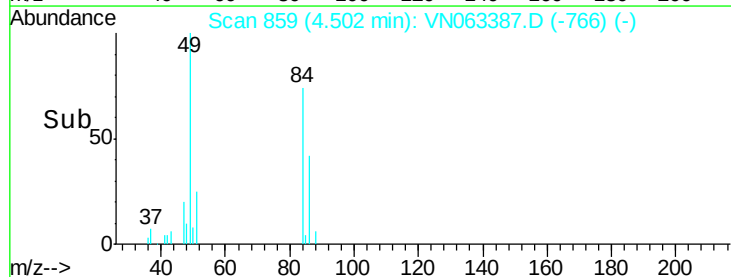
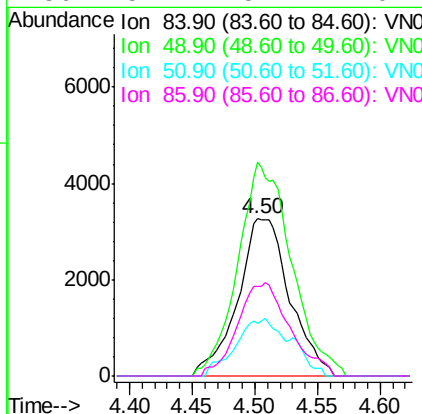
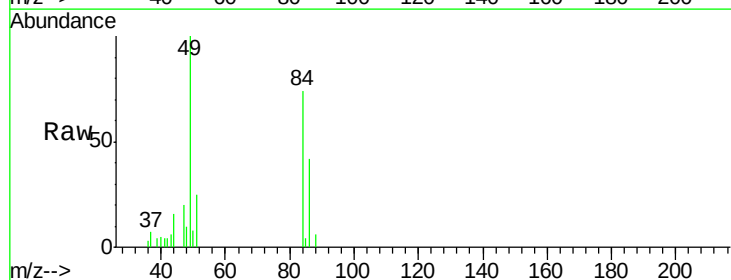
Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#14

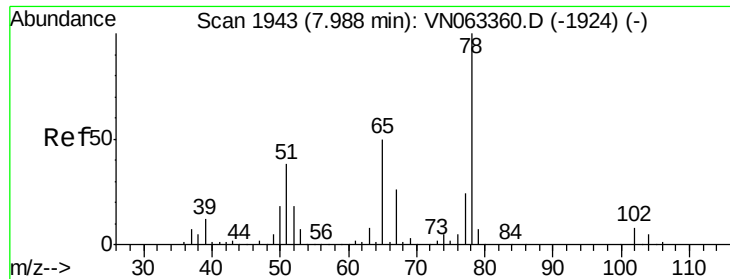
Tot Ion: 43 Resp: 4665
Ion Ratio Lower Upper
43 100
74 8.1 17.4 26.2#



#20
Methylene Chloride
Concen: 2.673 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063387.D
Acq: 17 Sep 2020 1:04

Tgt Ion: 84 Resp: 9401
Ion Ratio Lower Upper
84 100
49 135.7 110.7 166.1
51 33.8 32.9 49.3
86 57.2 51.1 76.7

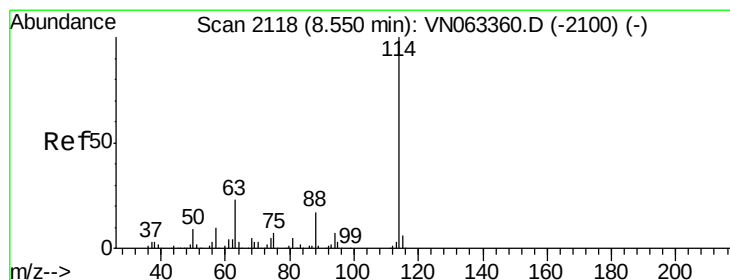
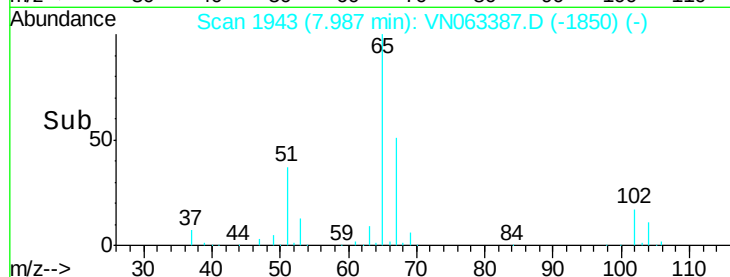
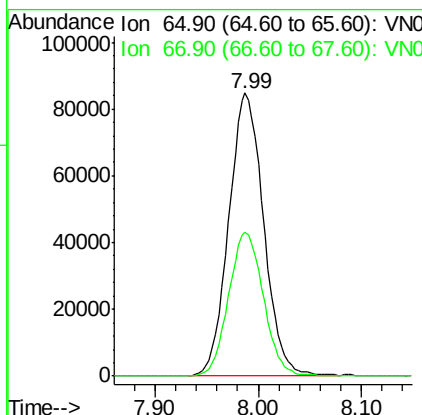
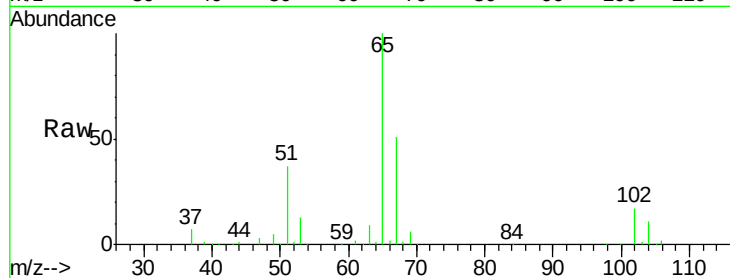




#33
 1,2-Dichloroethane-d4
 Concen: 46.257 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063387.D
 Acq: 17 Sep 2020 1:04

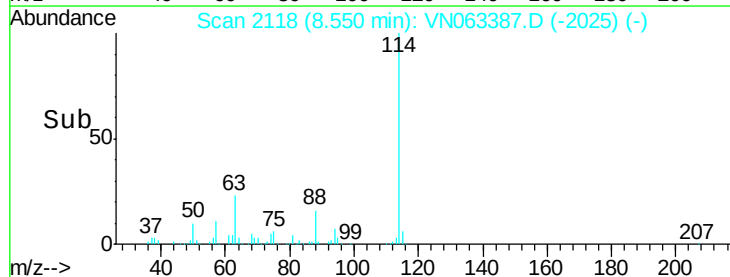
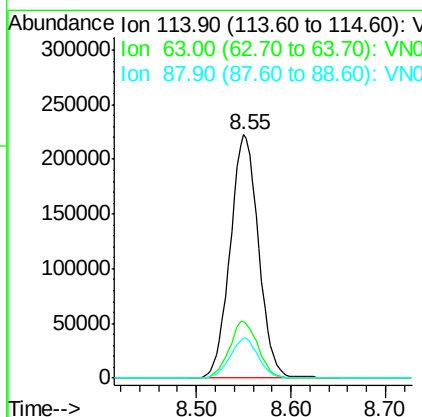
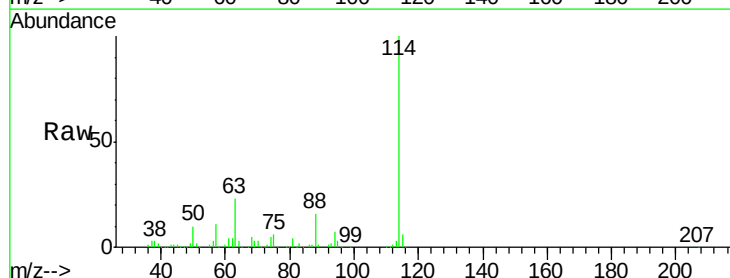
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#14

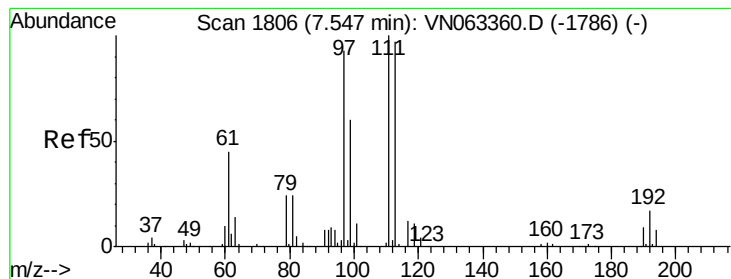
Tot Ion: 65 Resp: 199814
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063387.D
 Acq: 17 Sep 2020 1:04

Tgt Ion: 114 Resp: 462252
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.440 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063387.D

Acq: 17 Sep 2020 1:04

Instrument :

MSVOA_N

ClientSampleId :

PB131646ZHE#14

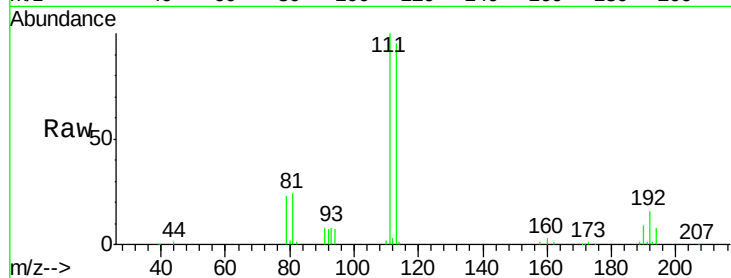
Tot Ion:113 Resp: 148613

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

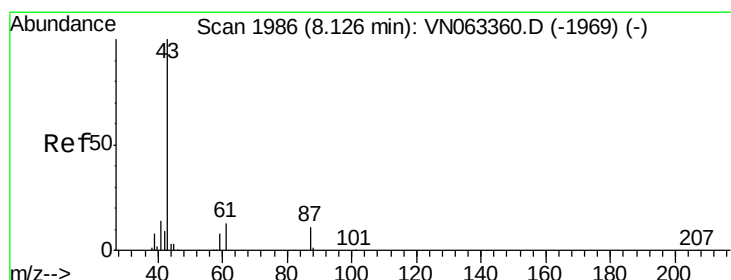
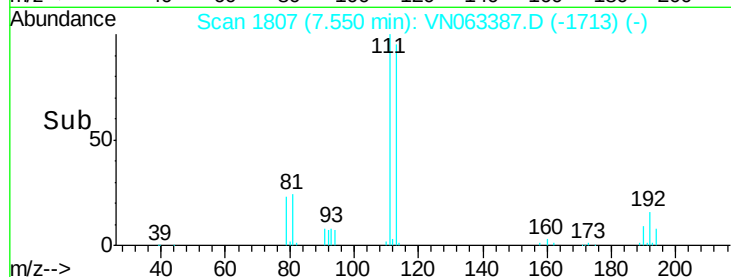
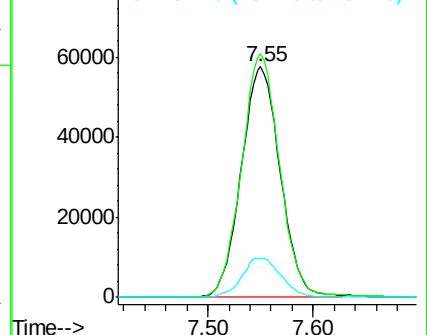
192 17.1 13.9 20.9



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: 11.700 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063387.D

Acq: 17 Sep 2020 1:04

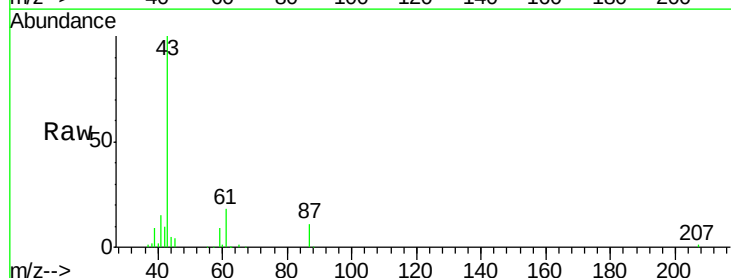
Tgt Ion: 43 Resp: 101119

Ion Ratio Lower Upper

43 100

61 18.1 14.2 21.2

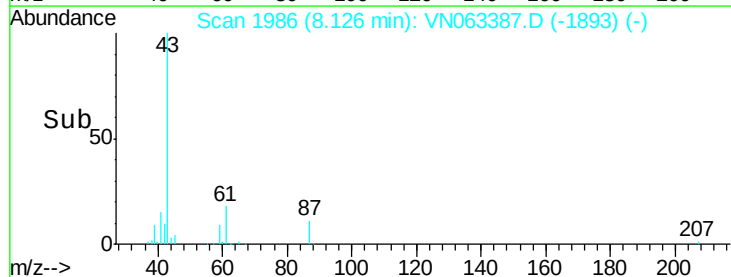
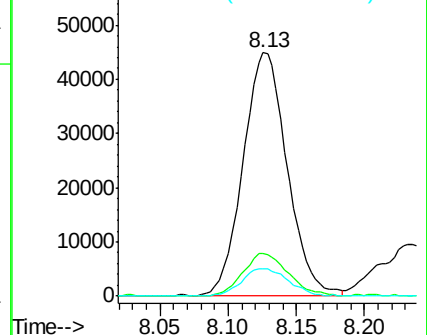
87 11.9 9.0 13.6

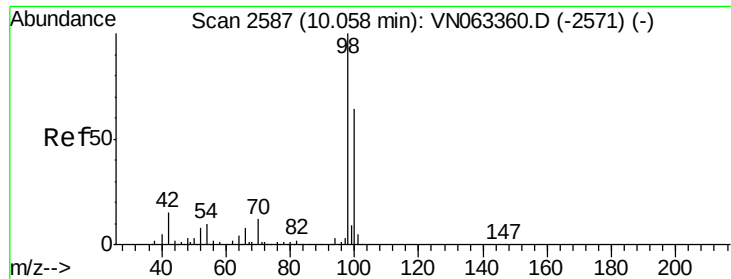


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.770 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063387.D

Acq: 17 Sep 2020 1:04

Instrument :

MSVOA_N

ClientSampleId :

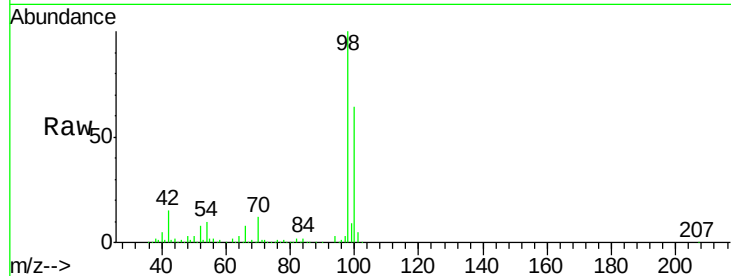
PB131646ZHE#14

Tot Ion: 98 Resp: 598878

Ion Ratio Lower Upper

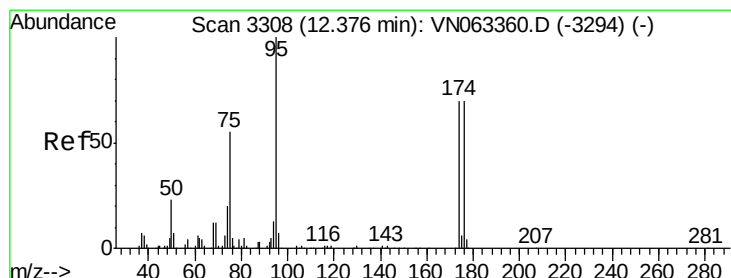
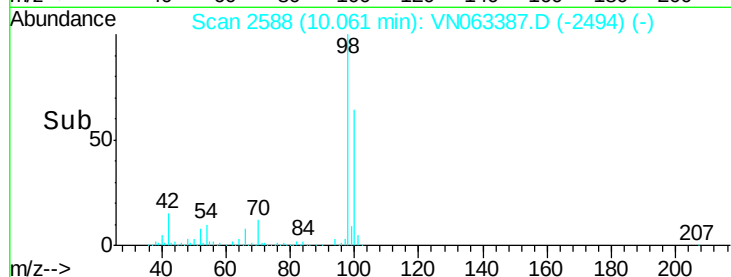
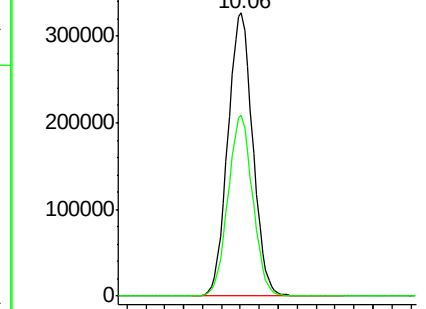
98 100

100 63.1 50.7 76.1



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

Ion 100.00 (99.70 to 100.70): VN063387.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 53.683 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063387.D

Acq: 17 Sep 2020 1:04

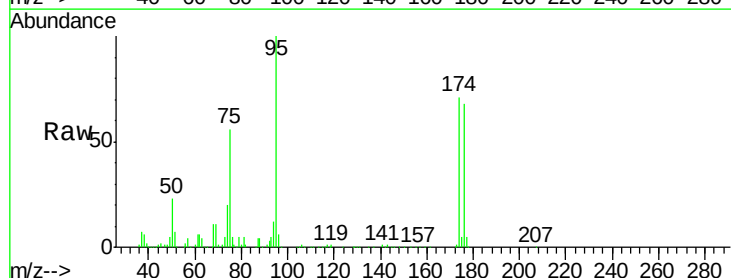
Tgt Ion: 95 Resp: 236796

Ion Ratio Lower Upper

95 100

174 70.2 0.0 140.8

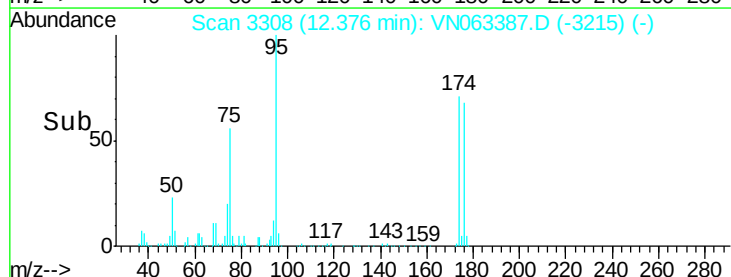
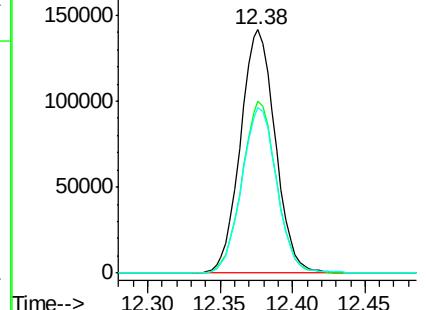
176 68.5 0.0 137.6

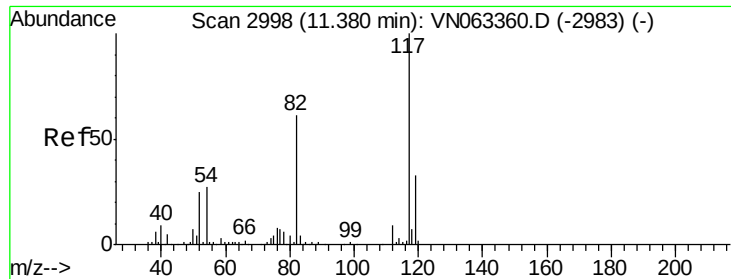


Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063387.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063387.D (-3215) (-)

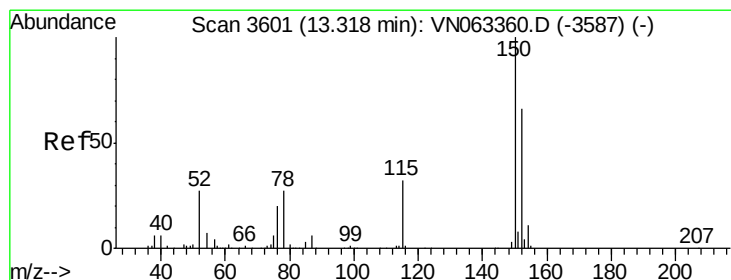
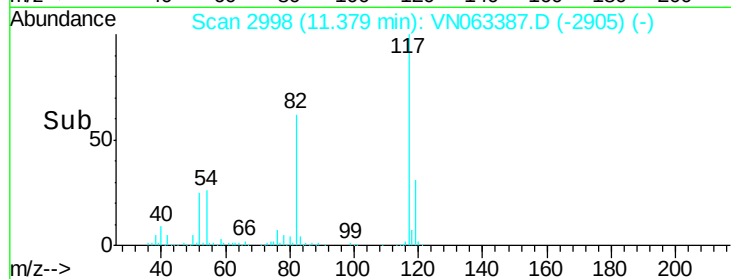
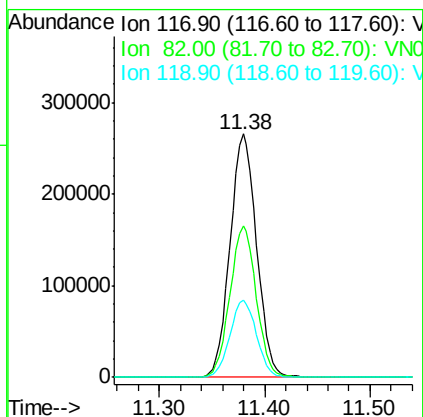
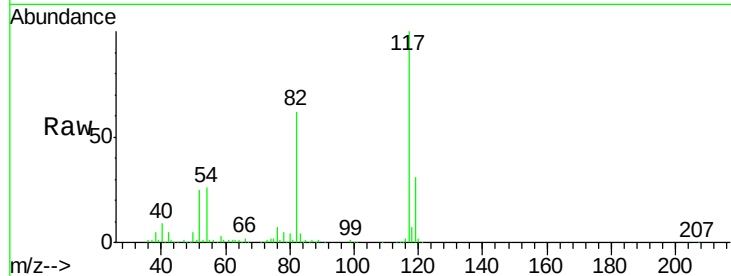




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063387.D
Acq: 17 Sep 2020 1:04

Instrument :
MSVOA_N
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PB131646ZHE#14

Tot Ion:117 Resp: 462160
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.5 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: VN063387.D
Acq: 17 Sep 2020 1:04

Tgt Ion:152 Resp: 193823
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 157.3 0.0 343.4

