

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063368.D
 Acq On : 16 Sep 2020 16:43
 Operator : JC/MD
 Sample : PB131646ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#01

Quant Time: Sep 17 04:23:48 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

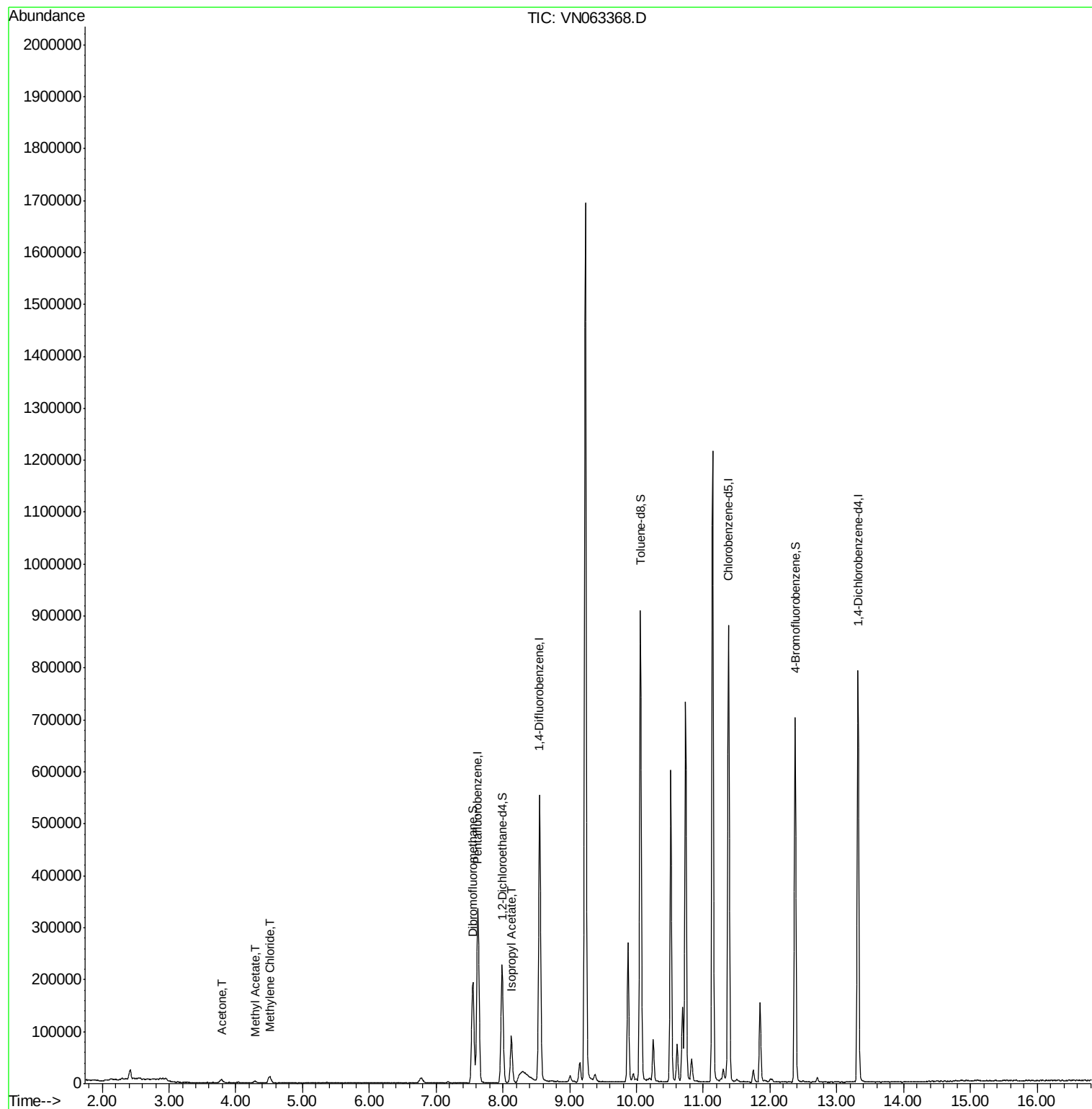
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	248749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	453002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	198896	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	7.55	113	147226	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
50) Toluene-d8	10.06	98	599679	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.38	95	241245	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
Target Compounds						
16) Acetone	3.78	43	12833	9.430	ug/l #	88
18) Methyl Acetate	4.29	43	5371	1.555	ug/l #	89
20) Methylene Chloride	4.51	84	8816	2.557	ug/l #	97
43) Isopropyl Acetate	8.13	43	107658	12.537	ug/l	99

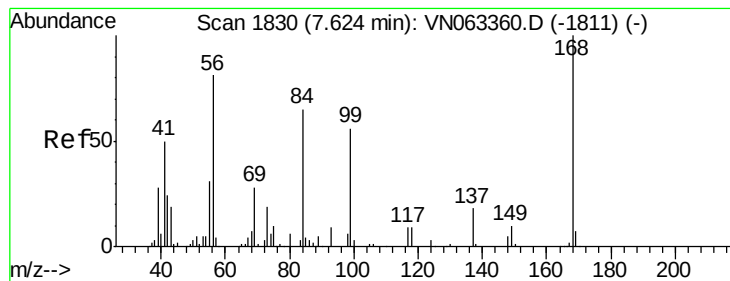
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 16 Sep 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

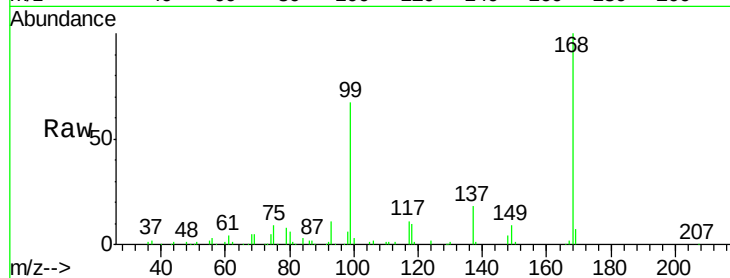
PB131646ZHE#01

Tot Ion:168 Resp: 248749

Ion Ratio Lower Upper

168 100

99 67.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

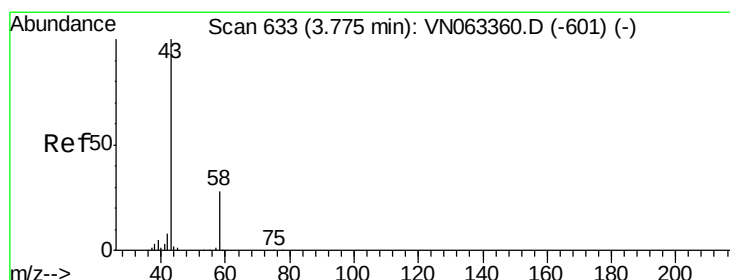
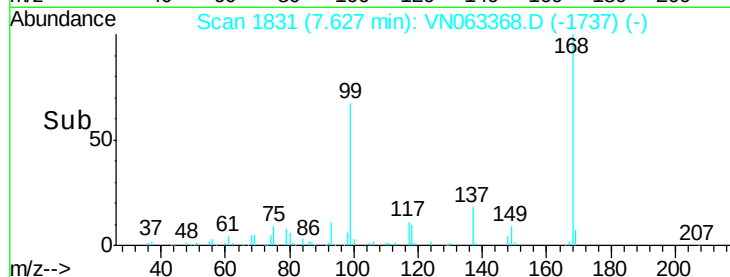
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.430 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063368.D

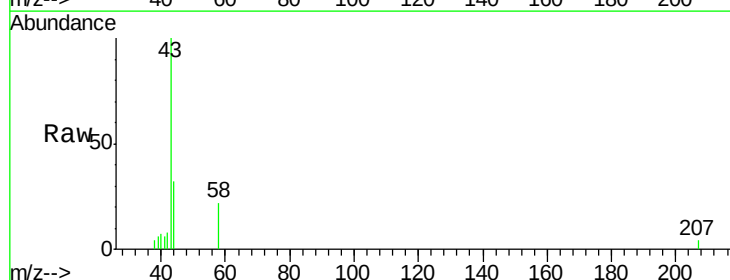
Acq: 16 Sep 2020 16:43

Tgt Ion: 43 Resp: 12833

Ion Ratio Lower Upper

43 100

58 21.5 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

5000

4000

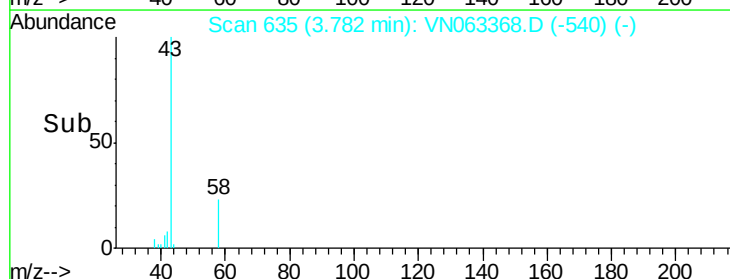
3000

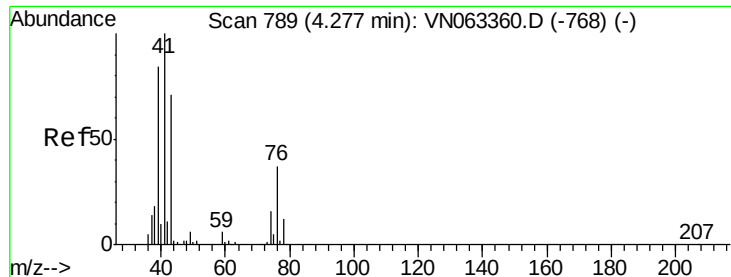
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

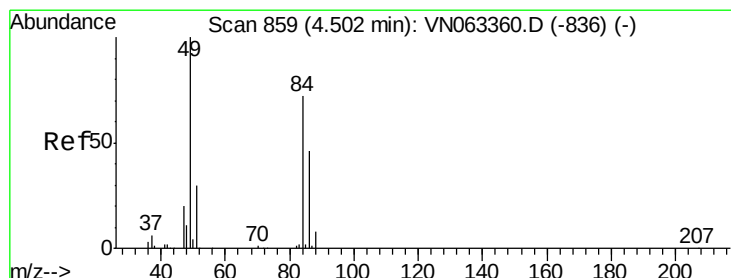
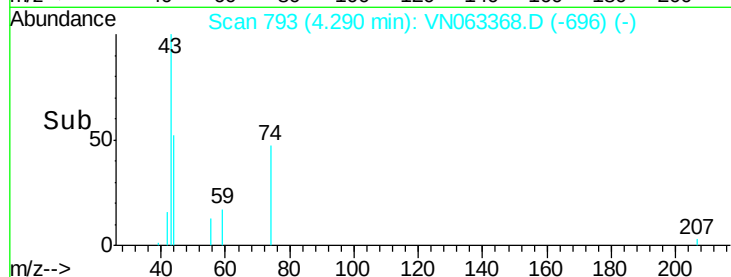
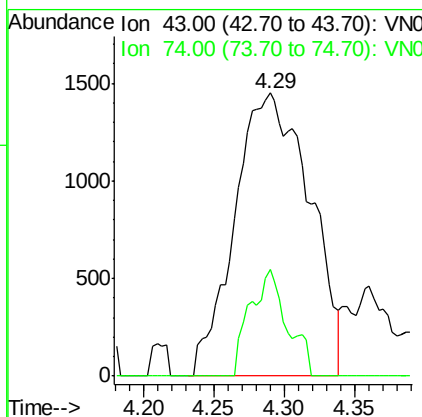
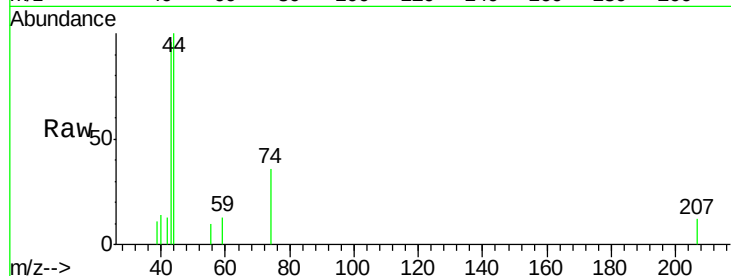




#18
Methvl Acetate
Concen: 1.555 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

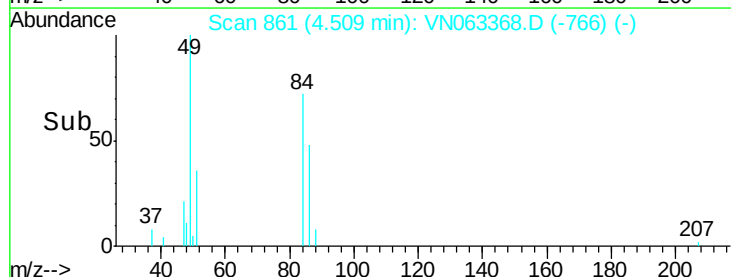
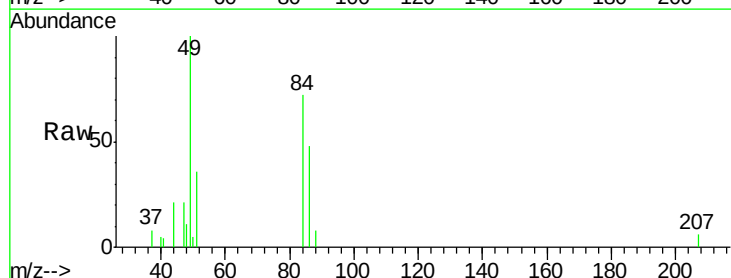
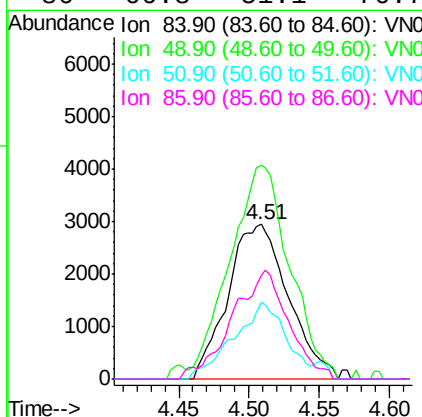
Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

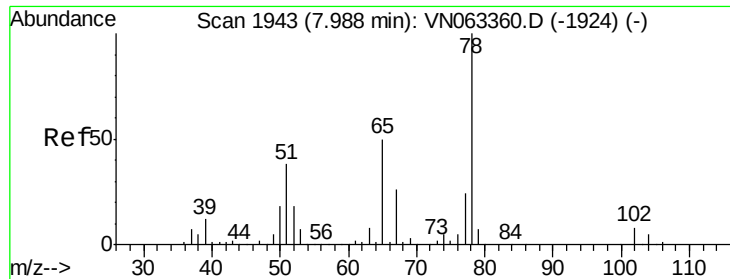
Tot Ion: 43 Resp: 5371
Ion Ratio Lower Upper
43 100
74 16.5 17.4 26.2#



#20
Methylene Chloride
Concen: 2.557 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion: 84 Resp: 8816
Ion Ratio Lower Upper
84 100
49 138.1 110.7 166.1
51 49.7 32.9 49.3#
86 66.8 51.1 76.7

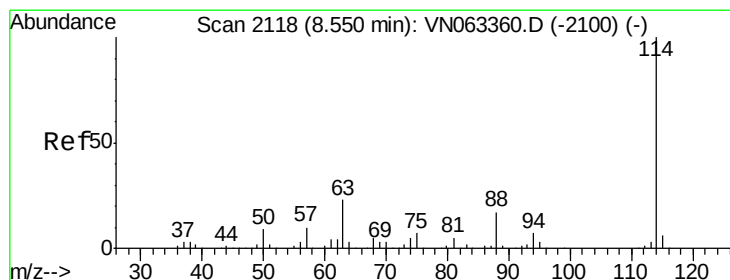
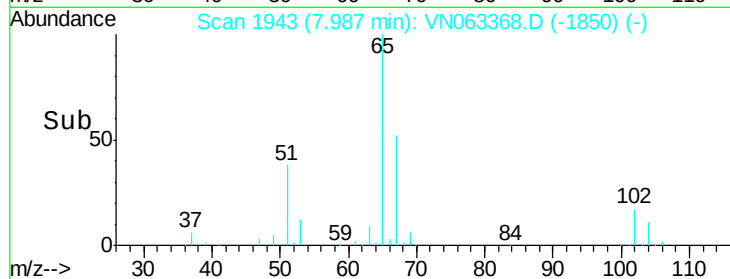
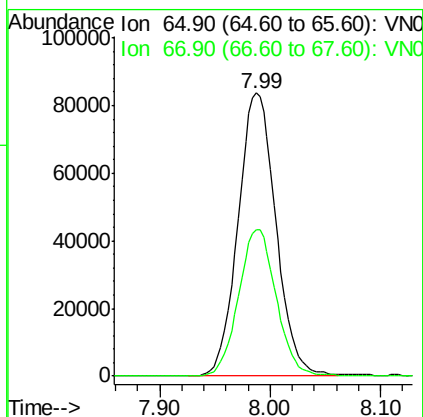
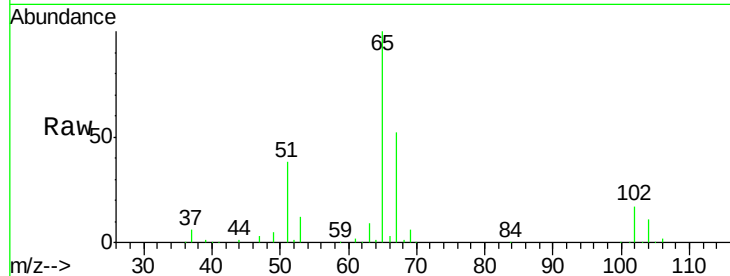




#33
 1,2-Dichloroethane-d4
 Concen: 46.972 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063368.D
 Acq: 16 Sep 2020 16:43

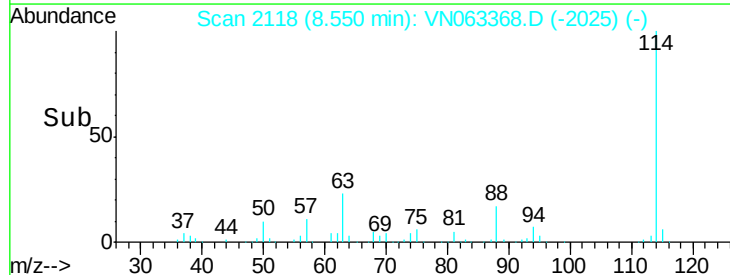
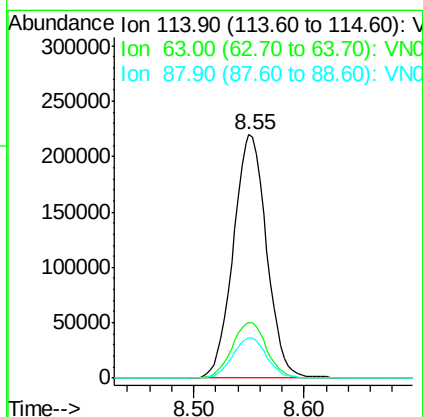
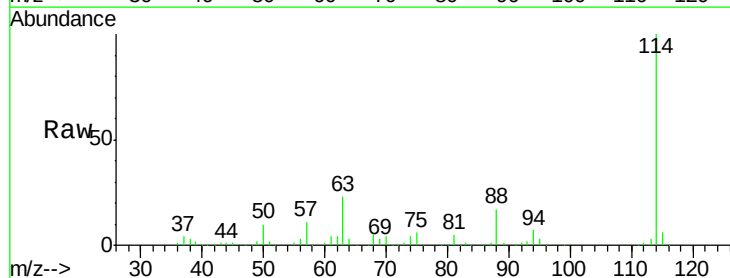
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#01

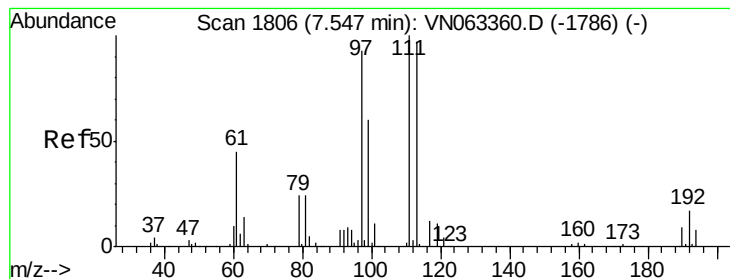
Tot Ion: 65 Resp: 198896
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063368.D
 Acq: 16 Sep 2020 16:43

Tgt Ion: 114 Resp: 459300
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.303 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063368.D

Acq: 16 Sep 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

PB131646ZHE#01

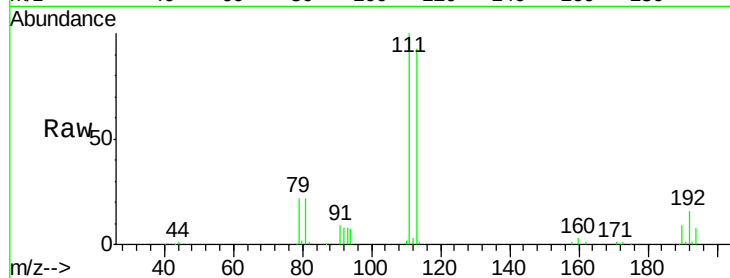
Tot Ion:113 Resp: 147226

Ion Ratio Lower Upper

113 100

111 104.9 82.9 124.3

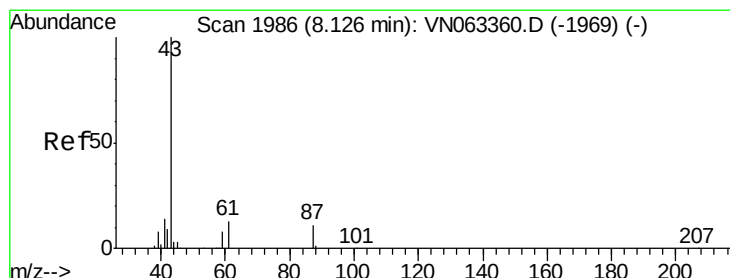
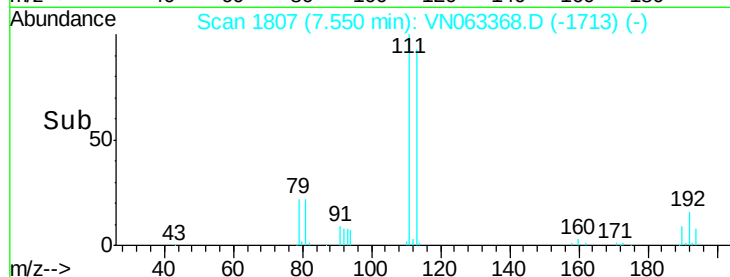
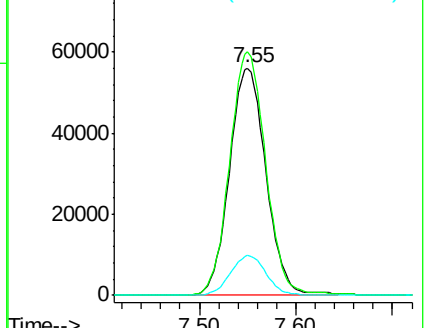
192 17.1 13.9 20.9



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: 12.537 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063368.D

Acq: 16 Sep 2020 16:43

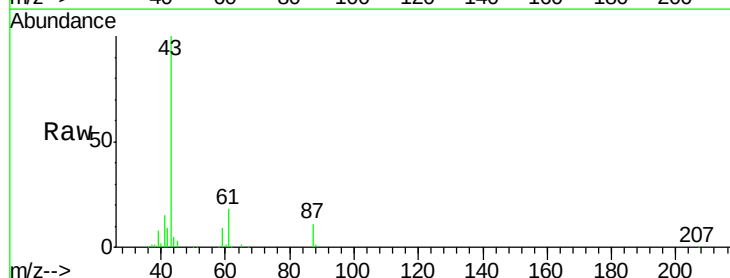
Tgt Ion: 43 Resp: 107658

Ion Ratio Lower Upper

43 100

61 17.9 14.2 21.2

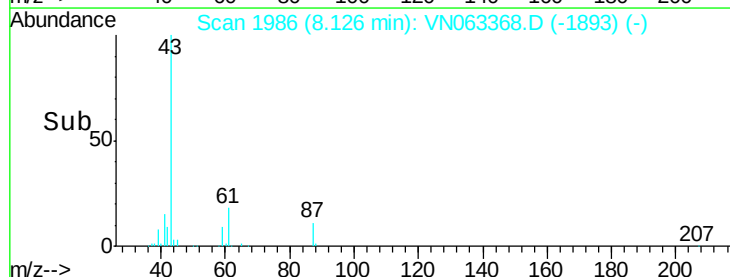
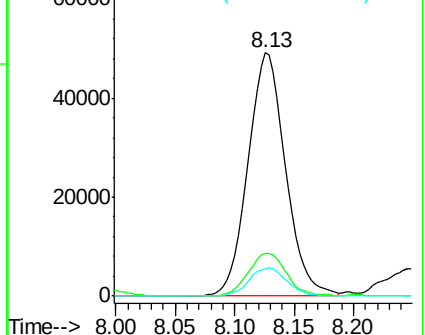
87 11.7 9.0 13.6

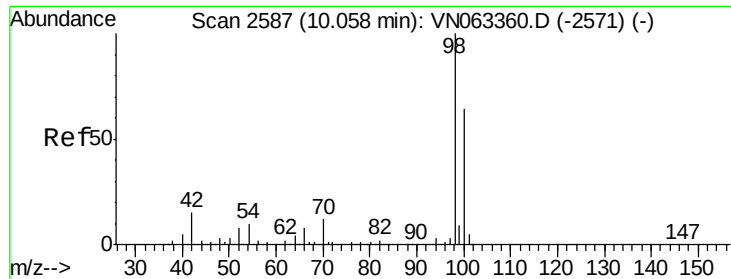


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 50.157 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063368.D

Acq: 16 Sep 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

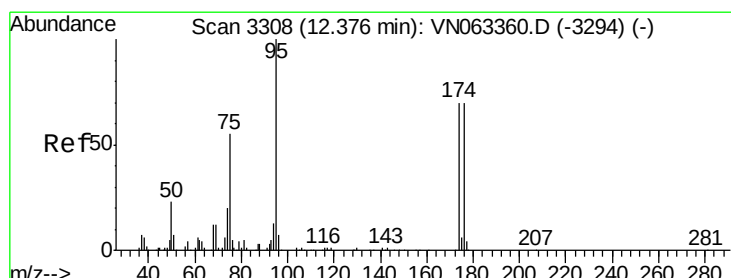
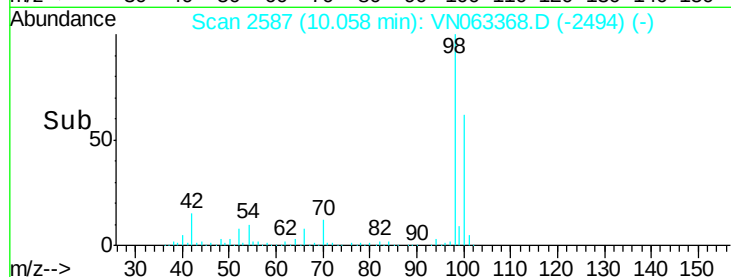
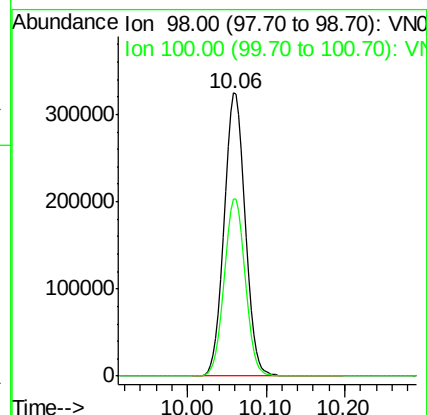
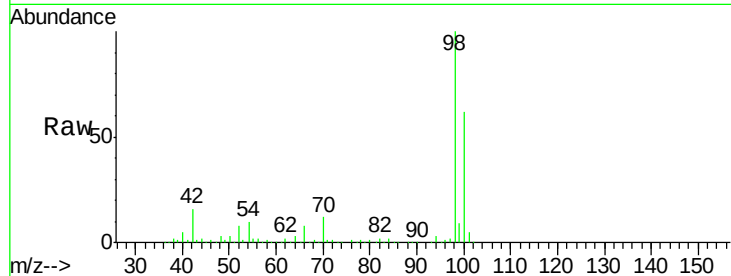
PB131646ZHE#01

Tot Ion: 98 Resp: 599679

Ion Ratio Lower Upper

98 100

100 62.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 55.043 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063368.D

Acq: 16 Sep 2020 16:43

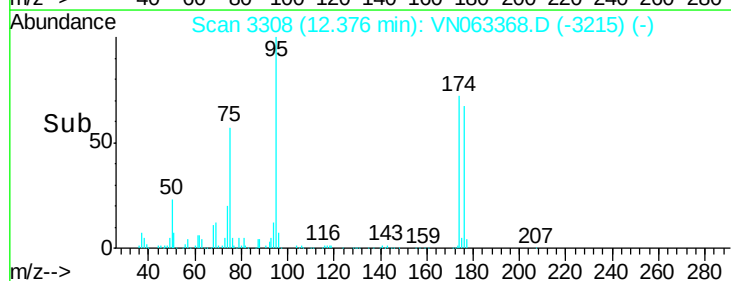
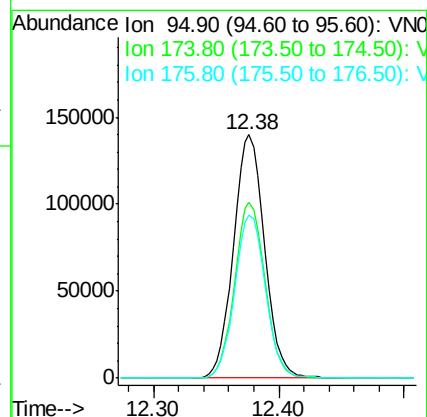
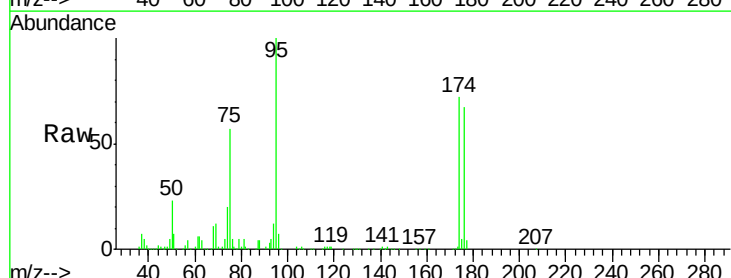
Tgt Ion: 95 Resp: 241245

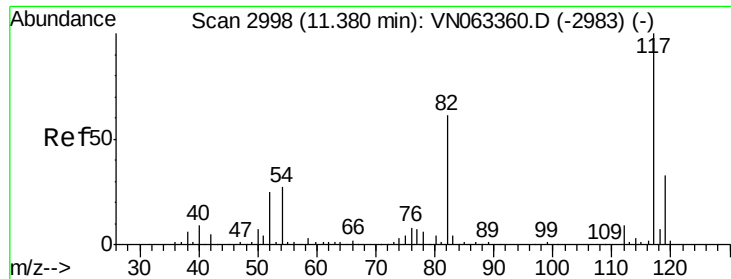
Ion Ratio Lower Upper

95 100

174 70.5 0.0 140.8

176 66.7 0.0 137.6

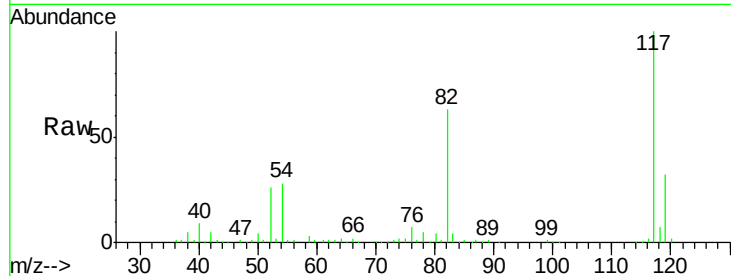




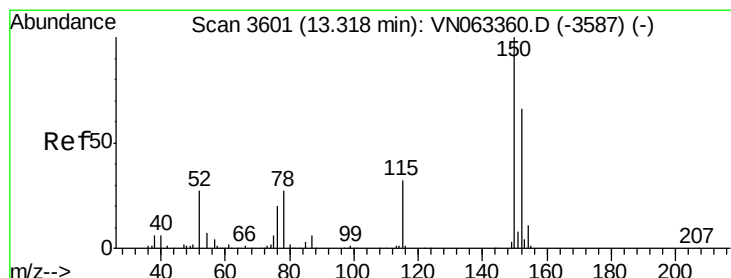
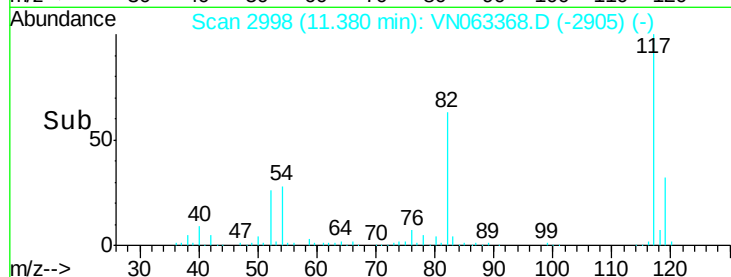
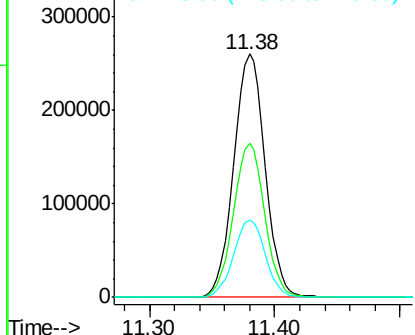
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#01

Tot Ion:117 Resp: 453002
Ion Ratio Lower Upper
117 100
82 63.0 49.2 73.8
119 32.0 26.2 39.4

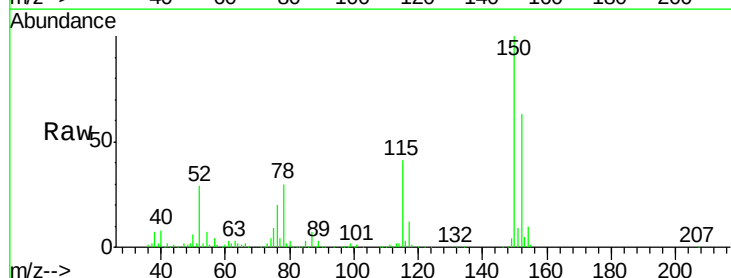


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063368.D
Acq: 16 Sep 2020 16:43

Tgt Ion:152 Resp: 189269
Ion Ratio Lower Upper
152 100
115 64.8 32.2 96.6
150 160.9 0.0 343.4



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

