

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063369.D
 Acq On : 16 Sep 2020 17:07
 Operator : JC/MD
 Sample : PB131646ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#02

Quant Time: Sep 17 04:25:03 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

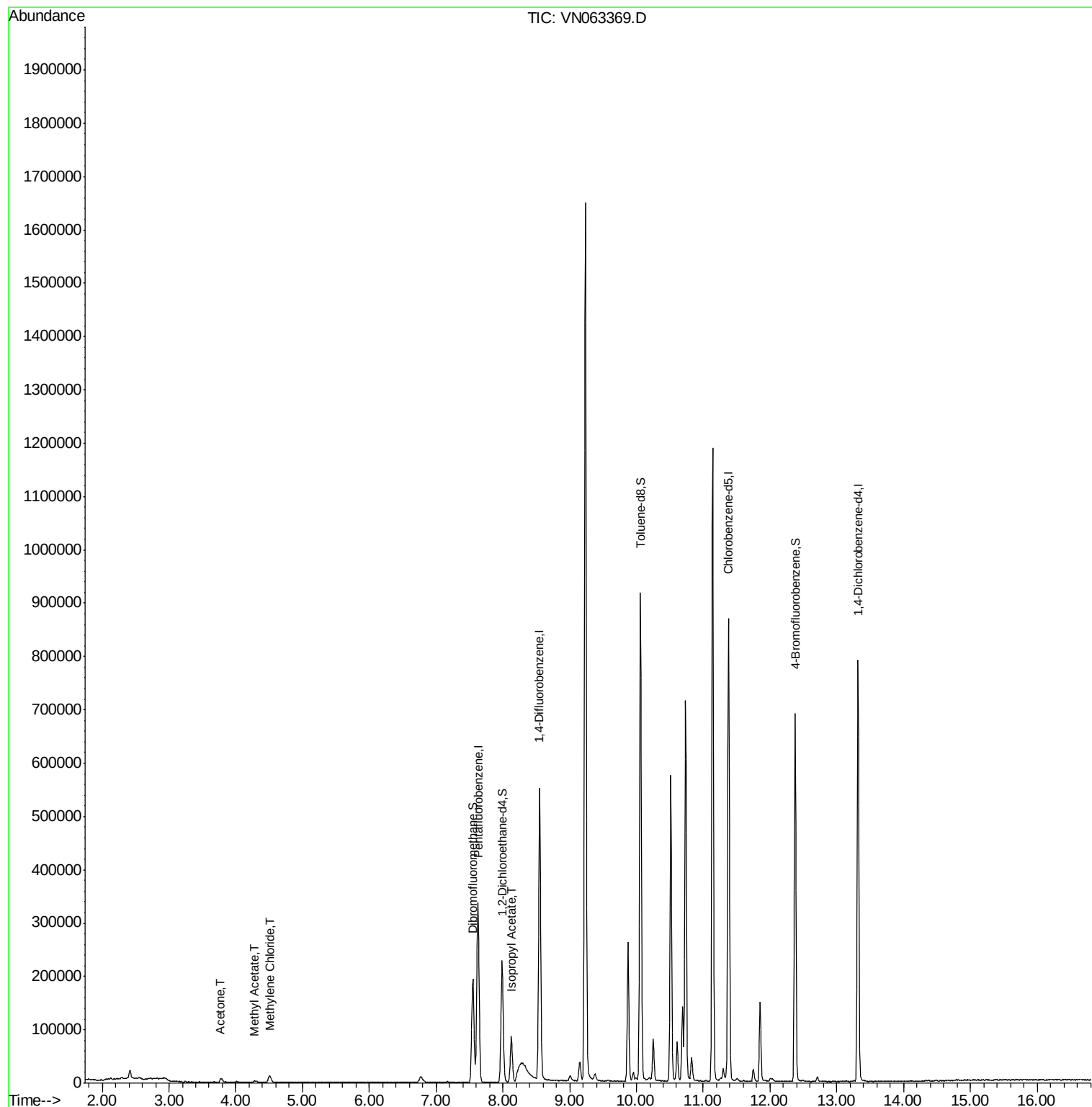
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	454494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	451393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201015	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	7.55	113	145686	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
50) Toluene-d8	10.06	98	589302	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.38	95	236295	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
Target Compounds						
16) Acetone	3.78	43	11704	8.802	ug/l #	86
18) Methyl Acetate	4.28	43	5809	1.721	ug/l #	75
20) Methylene Chloride	4.51	84	9123	2.708	ug/l	95
43) Isopropyl Acetate	8.13	43	105217	12.382	ug/l	99

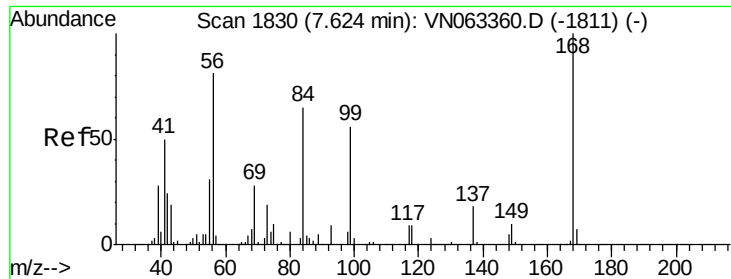
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
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Quant Title : SW846 8260
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: VN063369.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

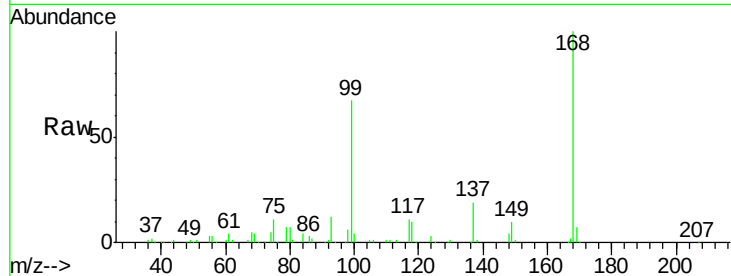
PB131646ZHE#02

Tot Ion:168 Resp: 243055

Ion Ratio Lower Upper

168 100

99 67.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

60000

40000

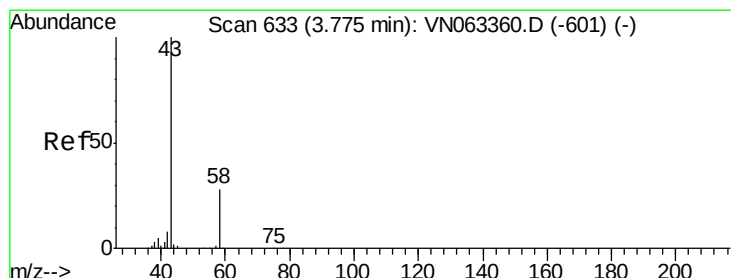
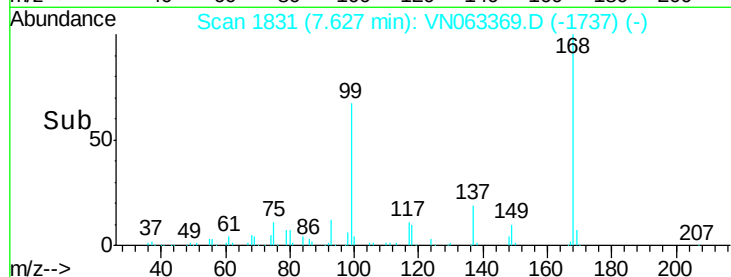
20000

0

Time--> 7.50

7.60

7.70



#16

Acetone

Concen: 8.802 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063369.D

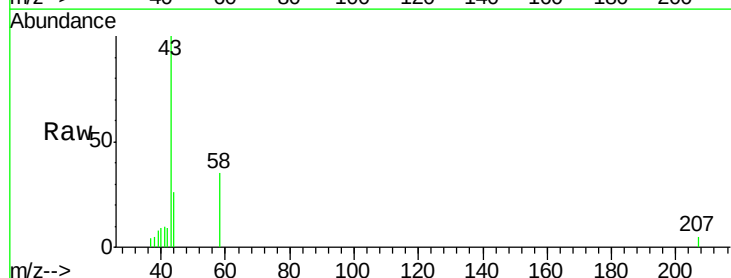
Acq: 16 Sep 2020 17:07

Tgt Ion: 43 Resp: 11704

Ion Ratio Lower Upper

43 100

58 35.3 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

3000

2000

1000

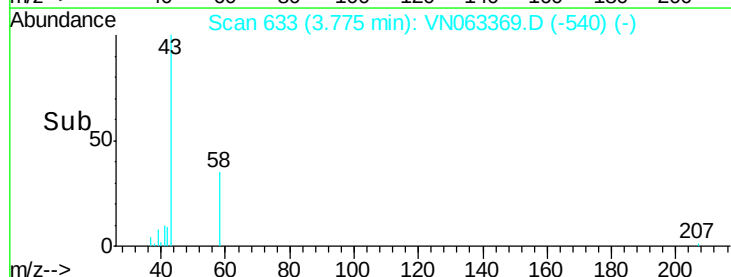
0

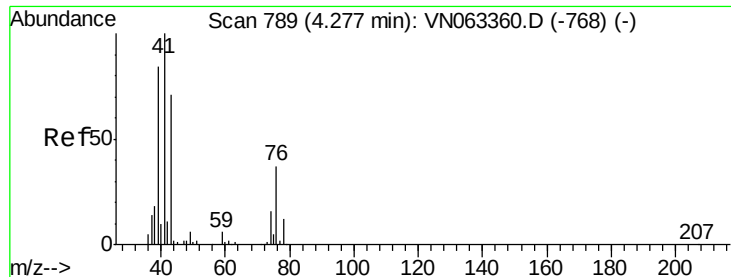
Time--> 3.70

3.75

3.80

3.85

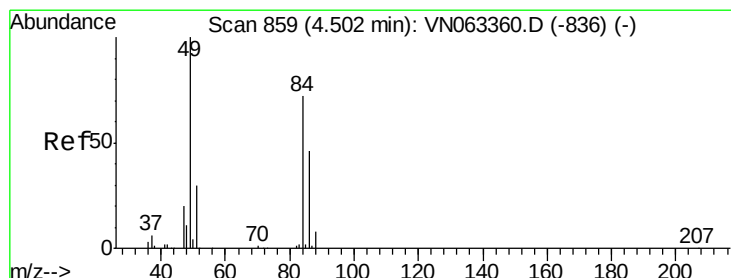
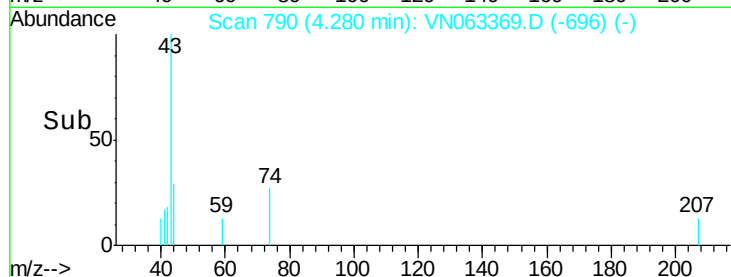
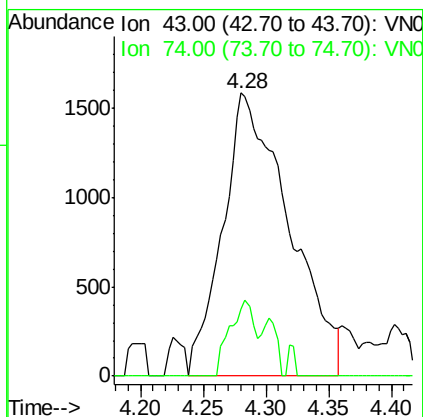
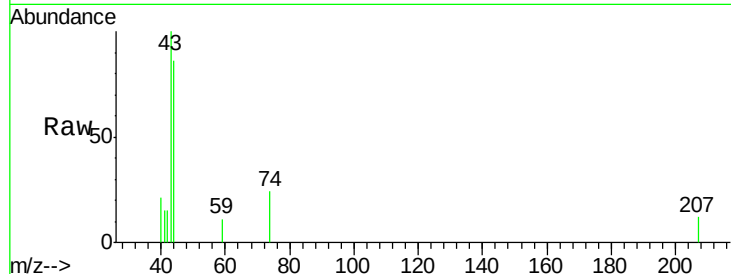




#18
Methyl Acetate
Concen: 1.721 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063369.D
Acq: 16 Sep 2020 17:07

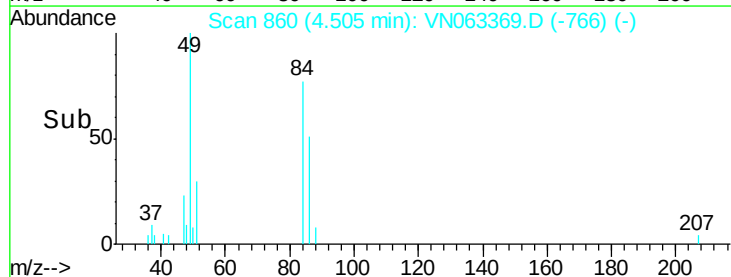
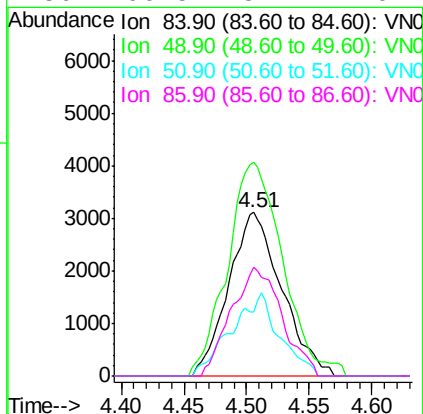
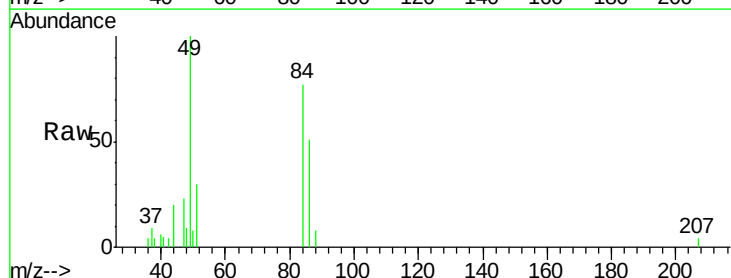
Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#02

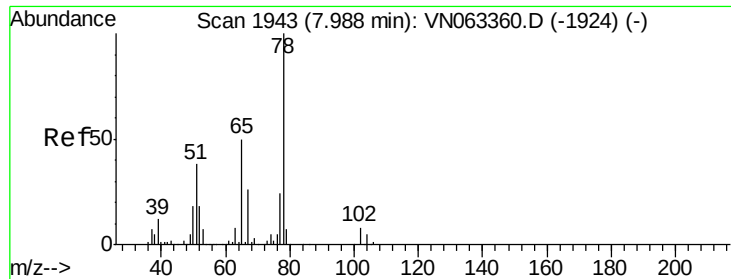
Tot Ion: 43 Resp: 5809
Ion Ratio Lower Upper
43 100
74 9.8 17.4 26.2#



#20
Methylene Chloride
Concen: 2.708 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063369.D
Acq: 16 Sep 2020 17:07

Tgt Ion: 84 Resp: 9123
Ion Ratio Lower Upper
84 100
49 130.6 110.7 166.1
51 39.5 32.9 49.3
86 66.5 51.1 76.7

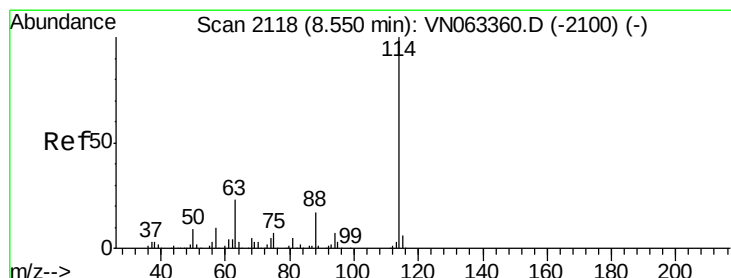
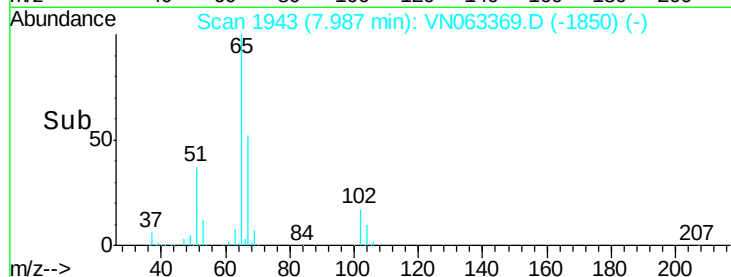
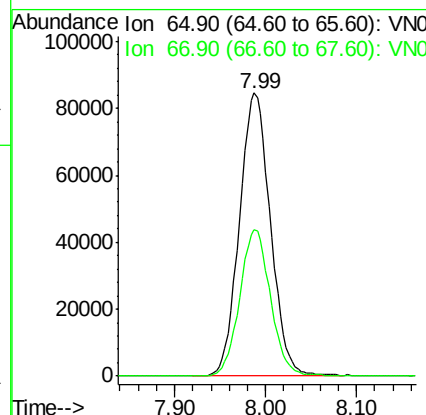
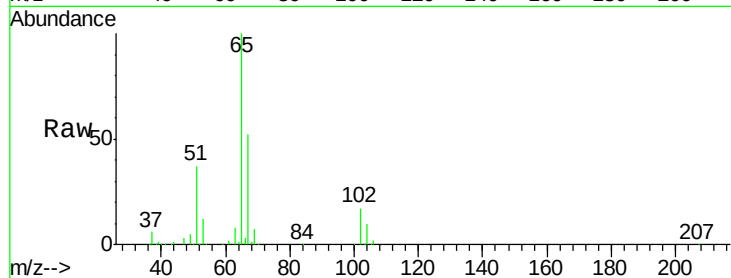




#33
 1,2-Dichloroethane-d4
 Concen: 48.584 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063369.D
 Acq: 16 Sep 2020 17:07

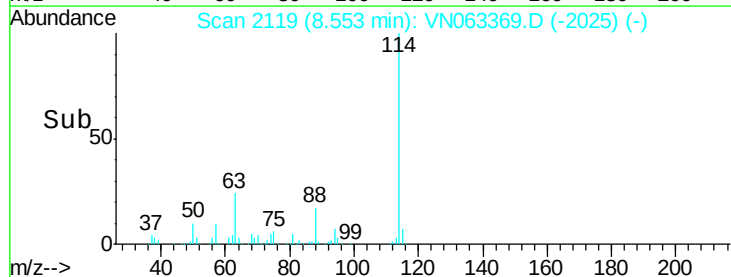
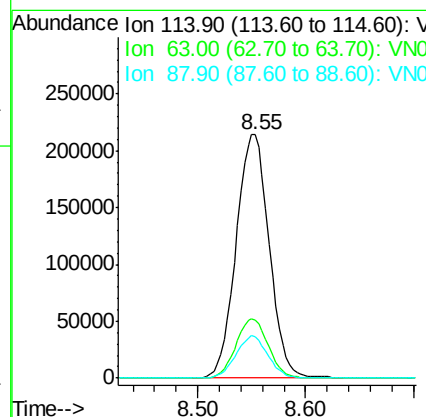
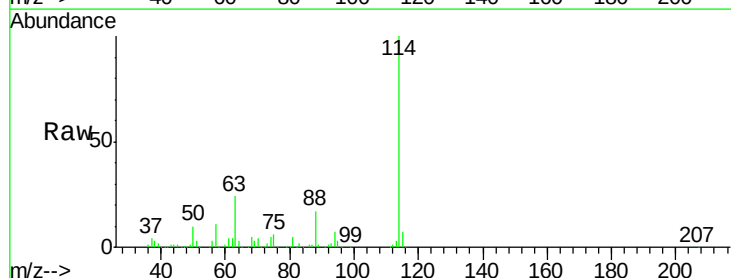
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#02

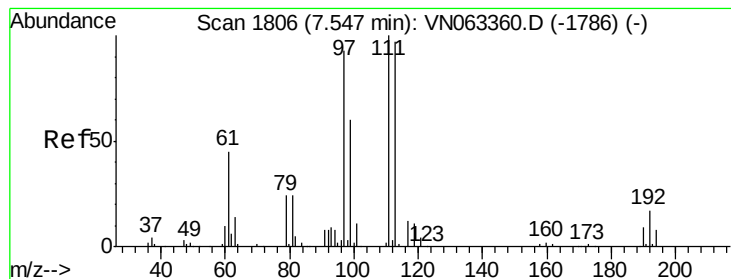
Tot Ion: 65 Resp: 201015
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063369.D
 Acq: 16 Sep 2020 17:07

Tgt Ion: 114 Resp: 454494
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.4
 88 17.0 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: VN063369.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

PB131646ZHE#02

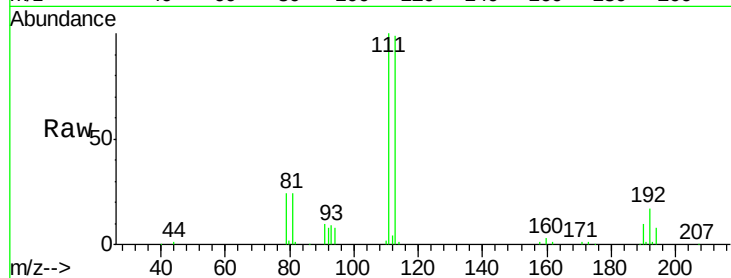
Tot Ion:113 Resp: 145686

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

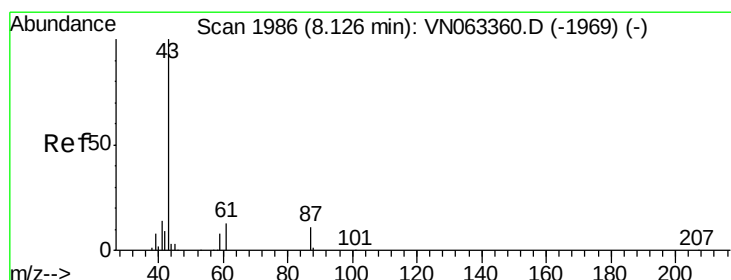
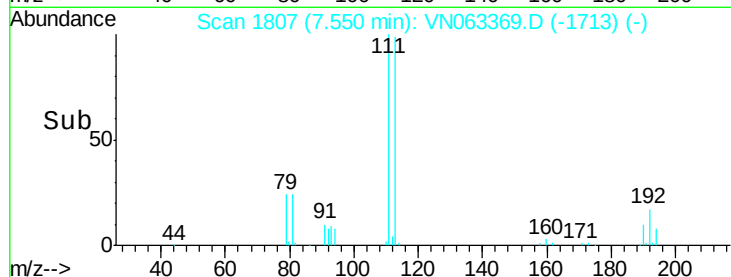
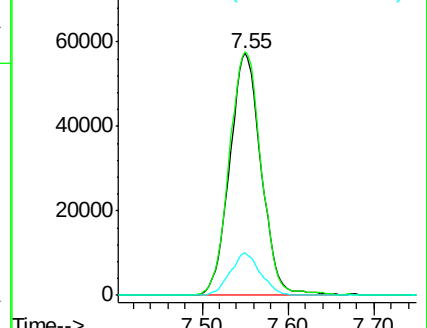
192 16.7 13.9 20.9



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: 12.382 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063369.D

Acq: 16 Sep 2020 17:07

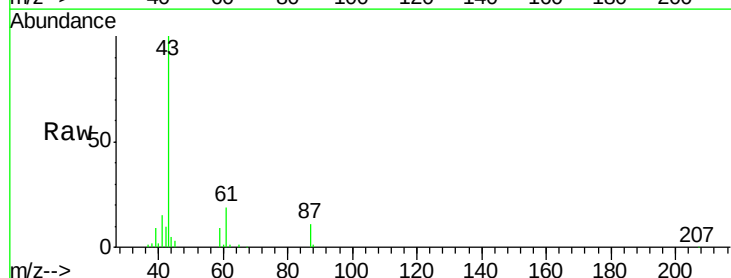
Tgt Ion: 43 Resp: 105217

Ion Ratio Lower Upper

43 100

61 18.0 14.2 21.2

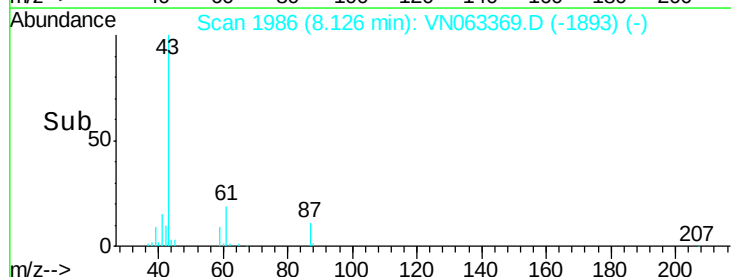
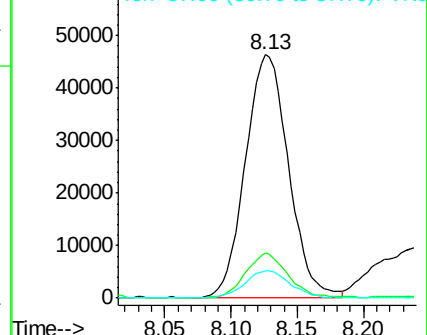
87 11.8 9.0 13.6

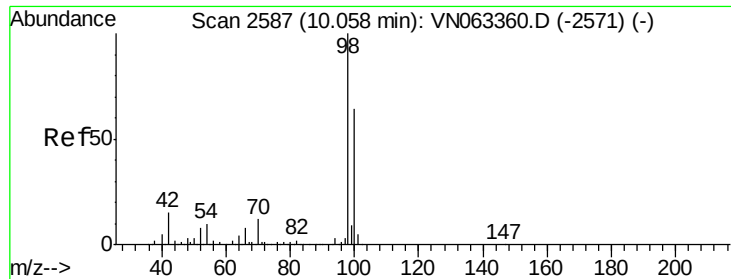


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 49.810 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063369.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_N

ClientSampleId :

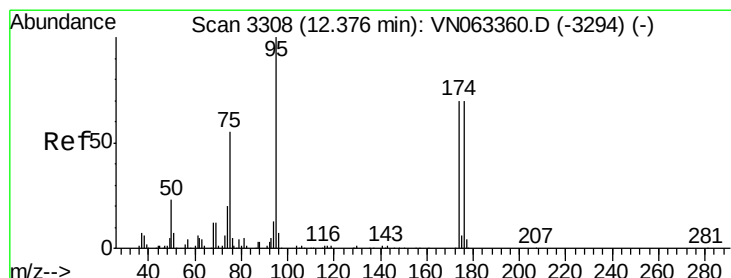
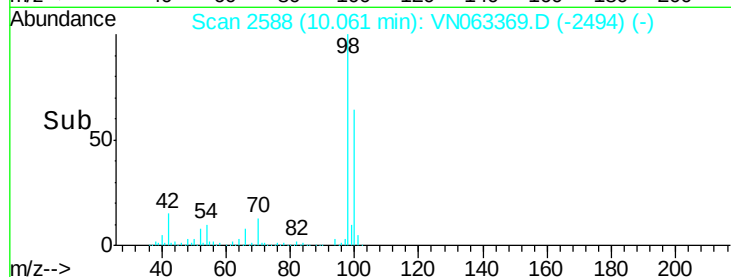
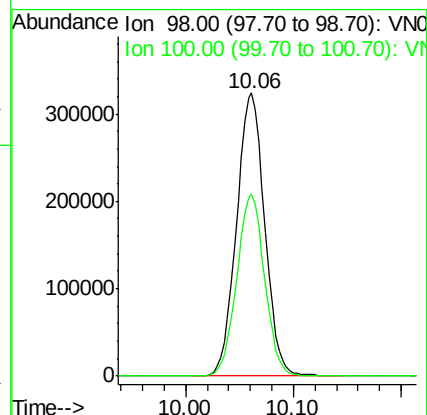
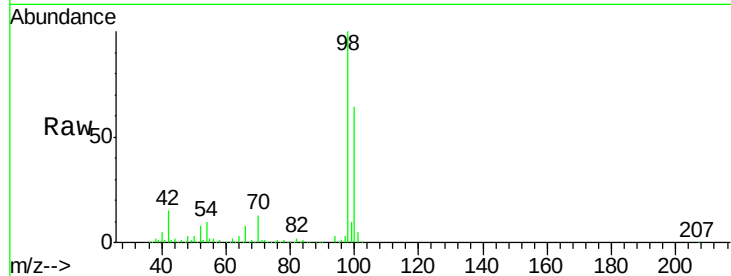
PB131646ZHE#02

Tot Ion: 98 Resp: 589302

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 54.484 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063369.D

Acq: 16 Sep 2020 17:07

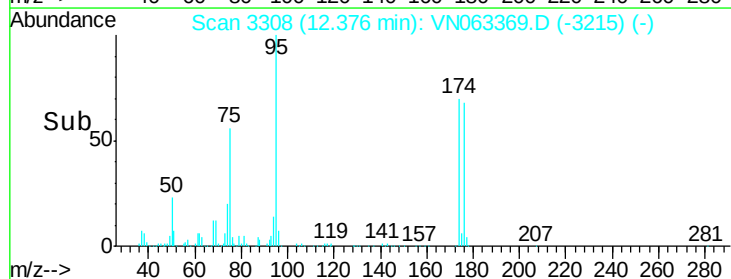
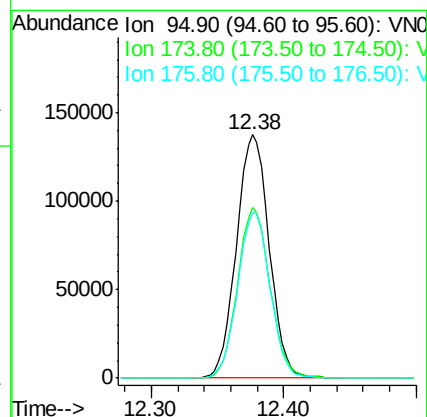
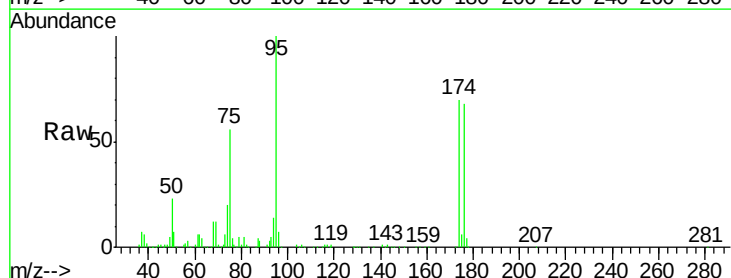
Tgt Ion: 95 Resp: 236295

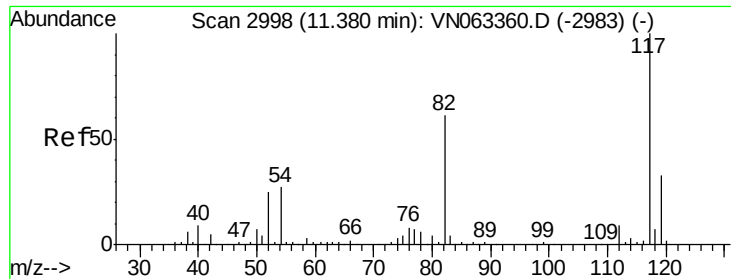
Ion Ratio Lower Upper

95 100

174 69.3 0.0 140.8

176 67.3 0.0 137.6

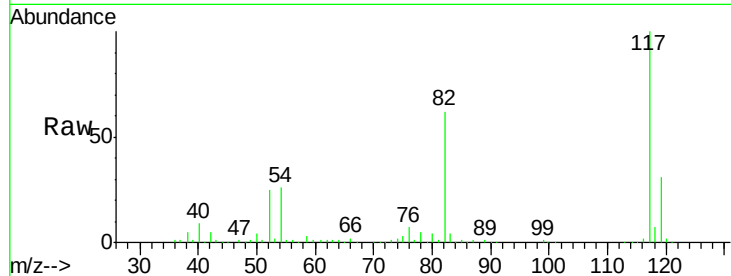




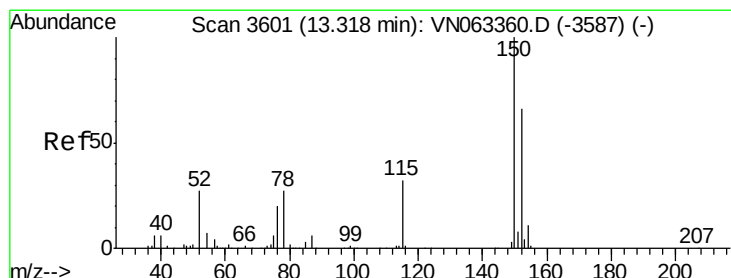
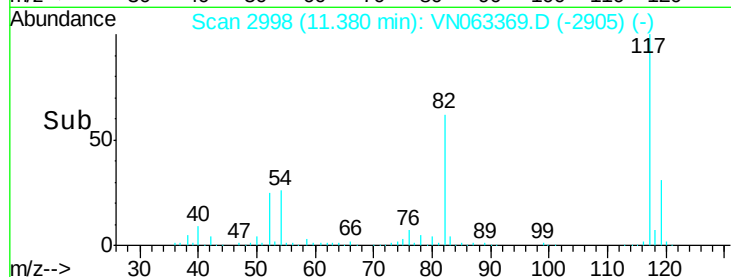
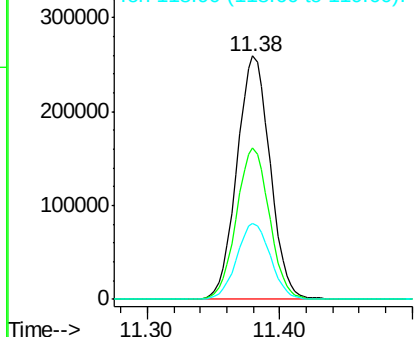
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063369.D
Acq: 16 Sep 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#02

Tot Ion:117 Resp: 451393
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 31.2 26.2 39.4

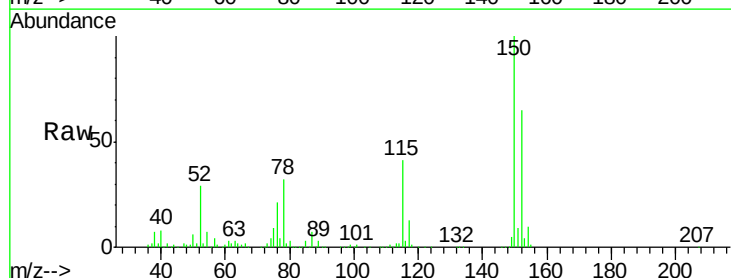


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063369.D
Acq: 16 Sep 2020 17:07

Tgt Ion:152 Resp: 192399
Ion Ratio Lower Upper
152 100
115 62.9 32.2 96.6
150 154.2 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

