

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063372.D
 Acq On : 16 Sep 2020 18:18
 Operator : JC/MD
 Sample : PB131646ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#05

Quant Time: Sep 17 04:29:44 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

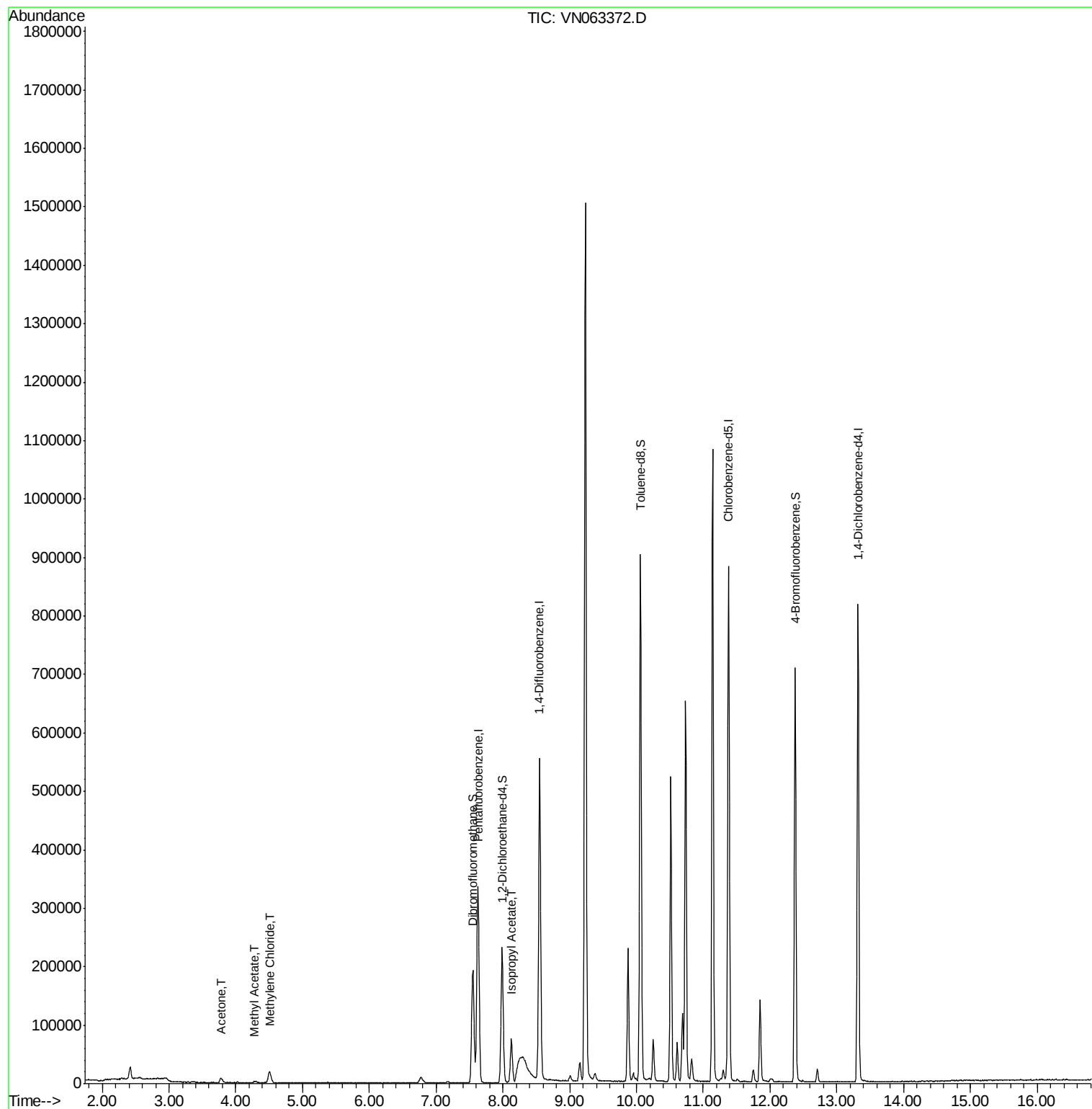
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	248532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	457721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	198968	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
35) Dibromofluoromethane	7.55	113	150251	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	10.06	98	595561	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.38	95	240447	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
Target Compounds						
16) Acetone	3.78	43	13902	10.225	ug/l	94
18) Methyl Acetate	4.29	43	5227	1.514	ug/l #	70
20) Methylene Chloride	4.51	84	13626	3.955	ug/l	98
43) Isopropyl Acetate	8.13	43	91047	10.587	ug/l	100

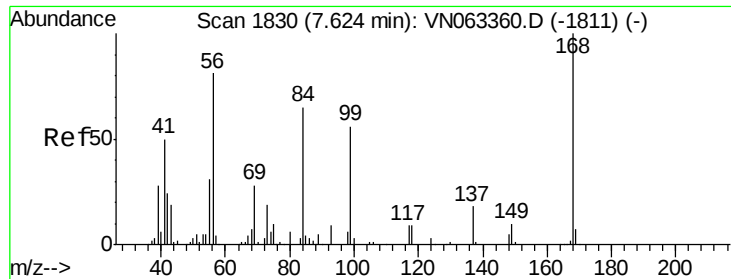
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Sep 17 04:29:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063372.D

Acq: 16 Sep 2020 18:18

Instrument :

MSVOA_N

ClientSampleId :

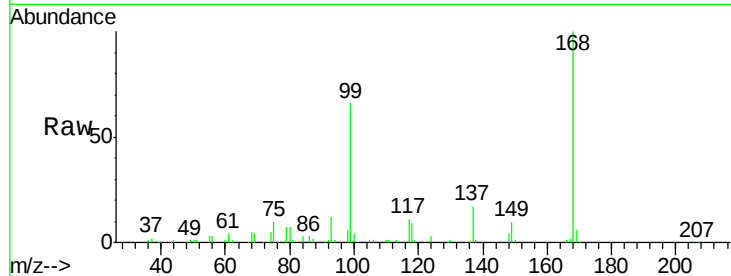
PB131646ZHE#05

Tot Ion:168 Resp: 248532

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

100000

80000

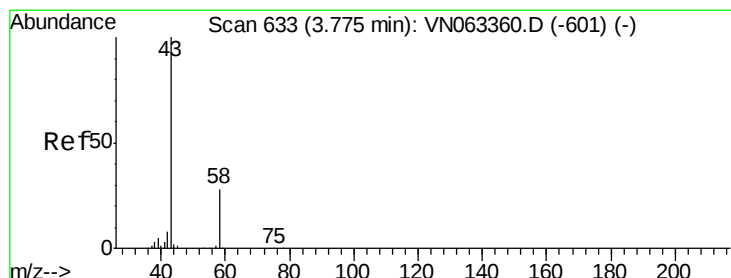
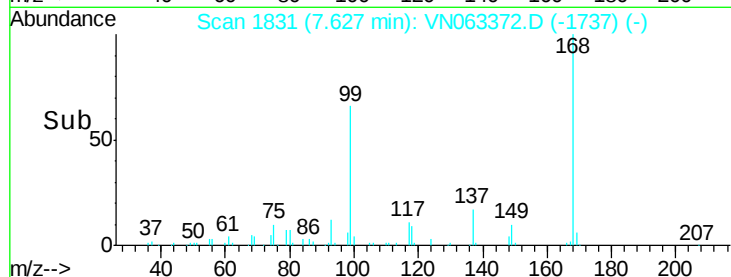
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.225 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063372.D

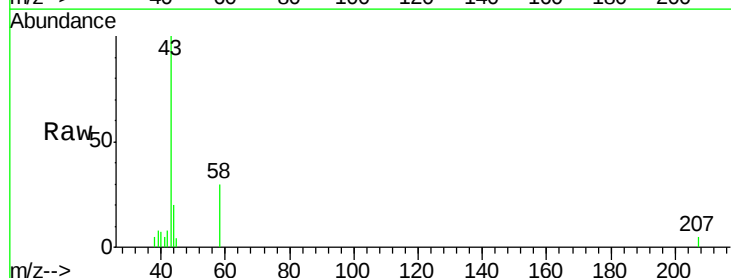
Acq: 16 Sep 2020 18:18

Tgt Ion: 43 Resp: 13902

Ion Ratio Lower Upper

43 100

58 30.9 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

5000

4000

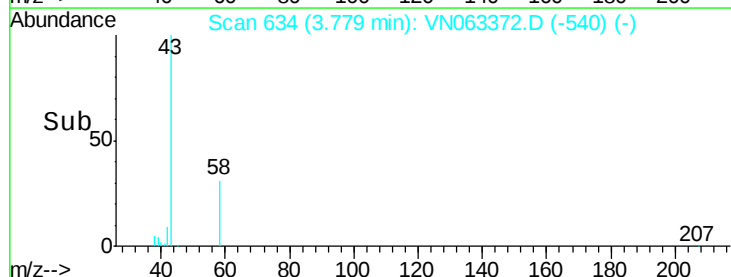
3000

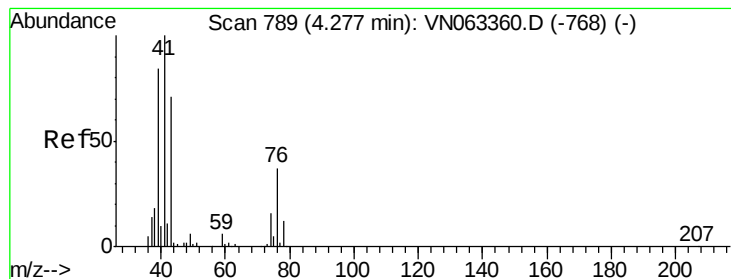
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#18

Methyl Acetate

Concen: 1.514 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN063372.D

Acq: 16 Sep 2020 18:18

Instrument :

MSVOA_N

ClientSampleId :

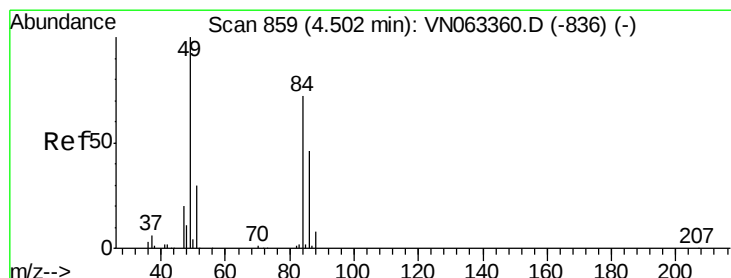
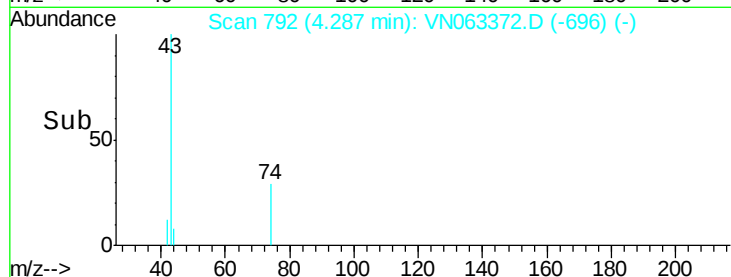
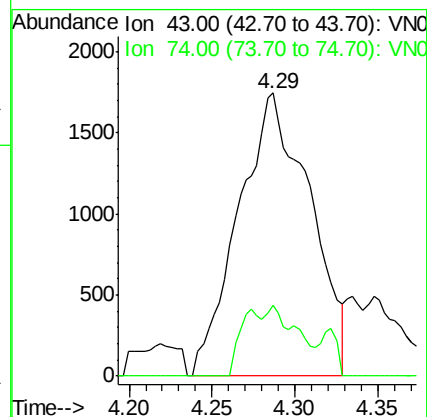
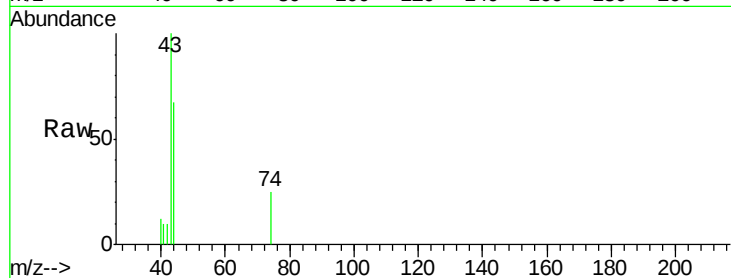
PB131646ZHE#05

Tot Ion: 43 Resp: 5227

Ion Ratio Lower Upper

43 100

74 7.5 17.4 26.2#



#20

Methylene Chloride

Concen: 3.955 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN063372.D

Acq: 16 Sep 2020 18:18

Tgt Ion: 84 Resp: 13626

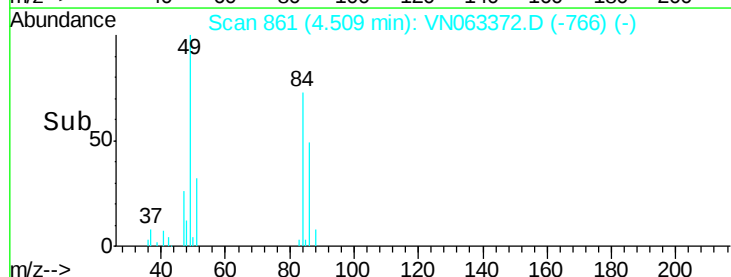
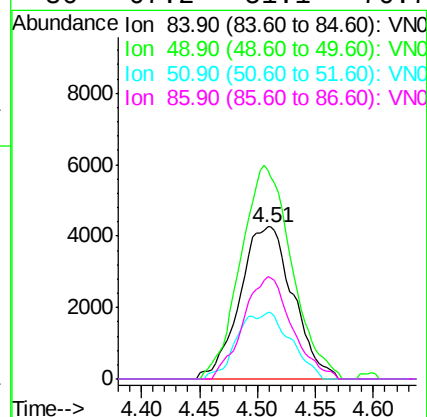
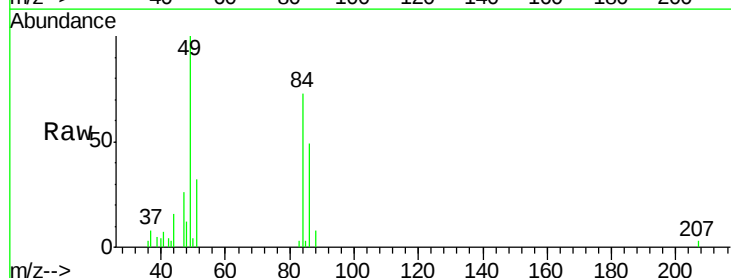
Ion Ratio Lower Upper

84 100

49 137.2 110.7 166.1

51 43.3 32.9 49.3

86 67.2 51.1 76.7

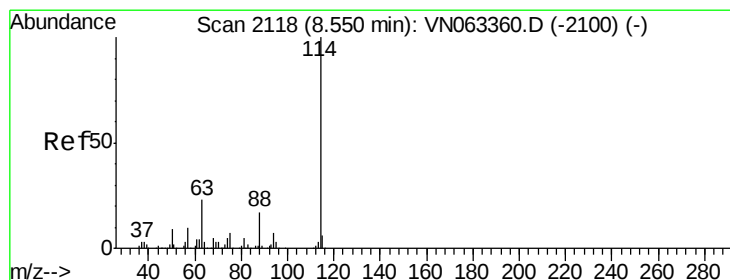
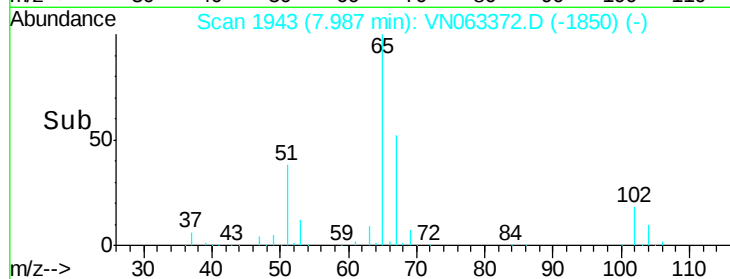
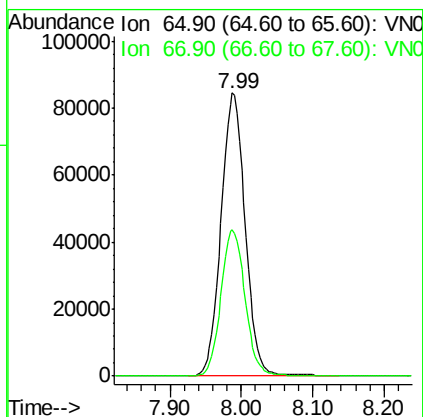
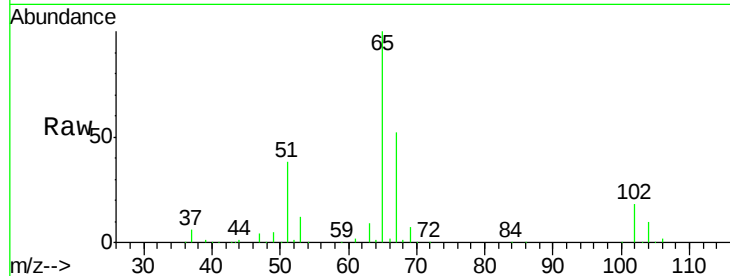




#33
 1,2-Dichloroethane-d4
 Concen: 47.030 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063372.D
 Acq: 16 Sep 2020 18:18

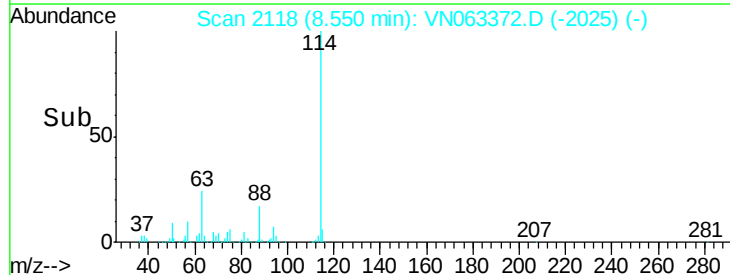
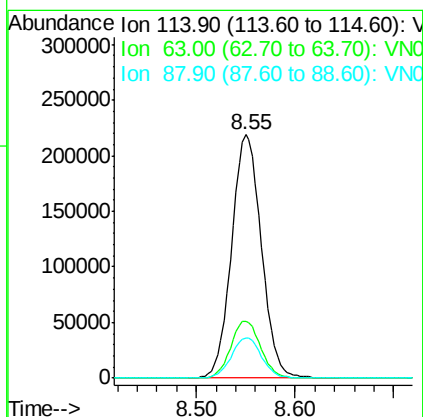
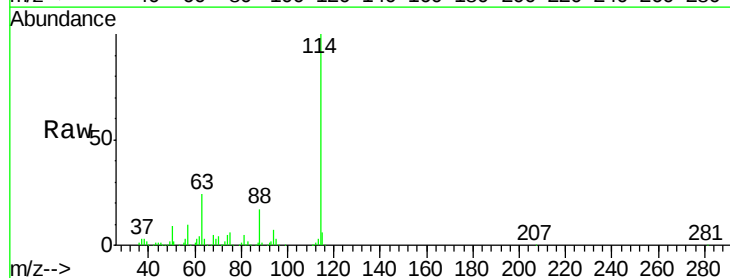
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#05

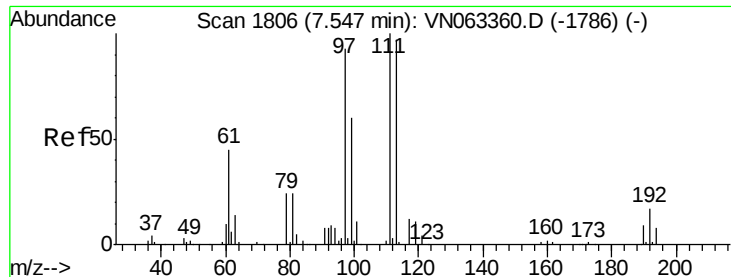
Tot Ion: 65 Resp: 198968
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063372.D
 Acq: 16 Sep 2020 18:18

Tgt Ion: 114 Resp: 459963
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 16.6 0.0 33.2

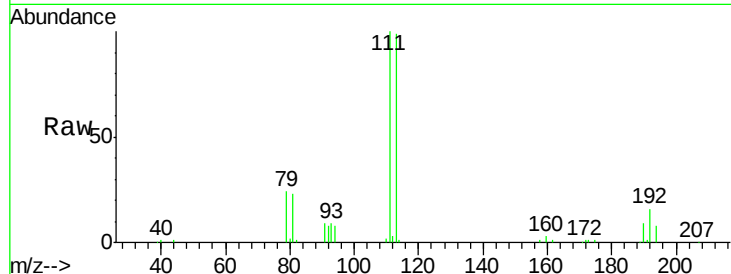




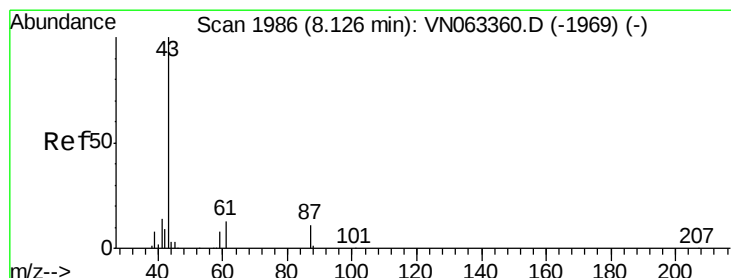
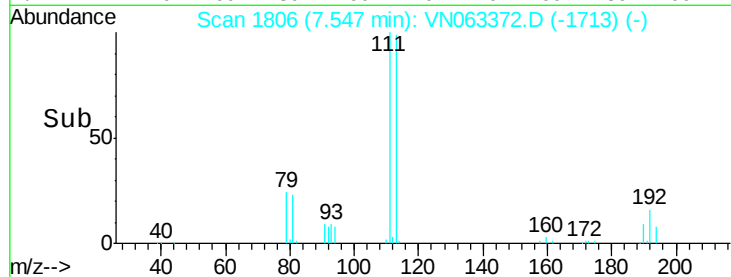
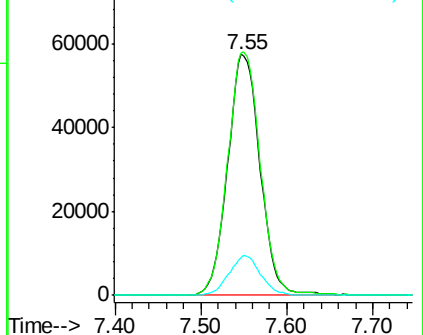
#35
 Dibromofluoromethane
 Concen: 47.186 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063372.D
 Acq: 16 Sep 2020 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#05

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	16.1	13.9	20.9

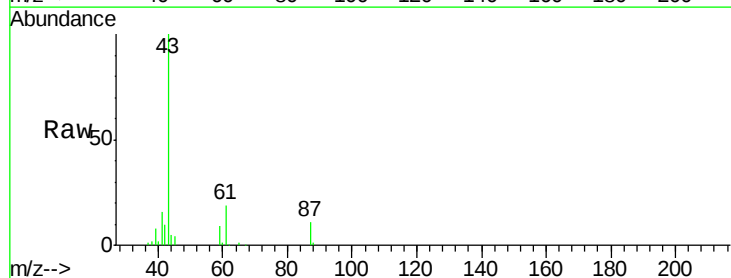


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

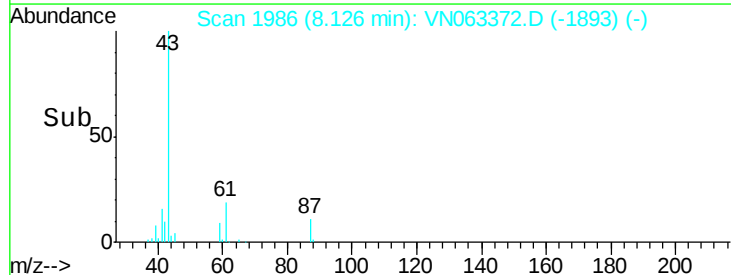
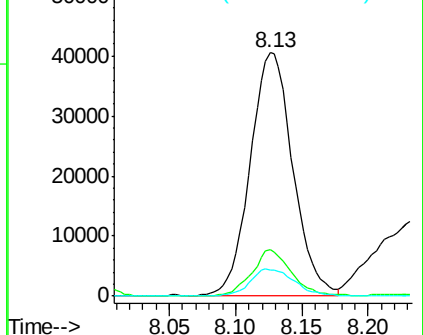


#43
 Isopropyl Acetate
 Concen: 10.587 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063372.D
 Acq: 16 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.2
87	11.3	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: 49.741 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063372.D

Acq: 16 Sep 2020 18:18

Instrument :

MSVOA_N

ClientSampleId :

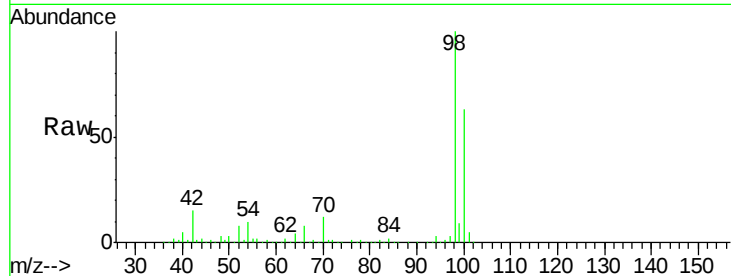
PB131646ZHE#05

Tot Ion: 98 Resp: 595561

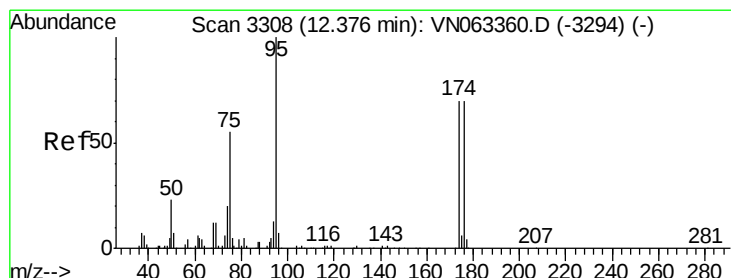
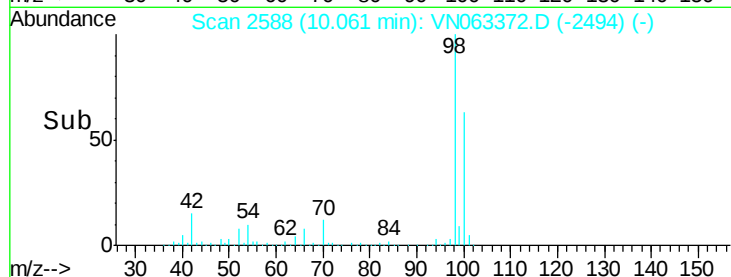
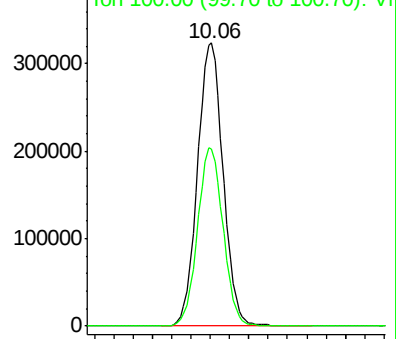
Ion Ratio Lower Upper

98 100

100 62.8 50.7 76.1



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



#62

4-Bromofluorobenzene

Concen: 54.782 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063372.D

Acq: 16 Sep 2020 18:18

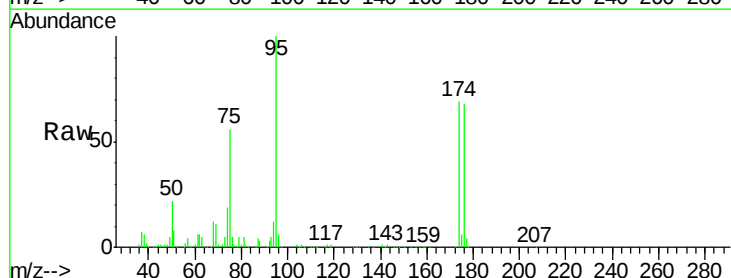
Tgt Ion: 95 Resp: 240447

Ion Ratio Lower Upper

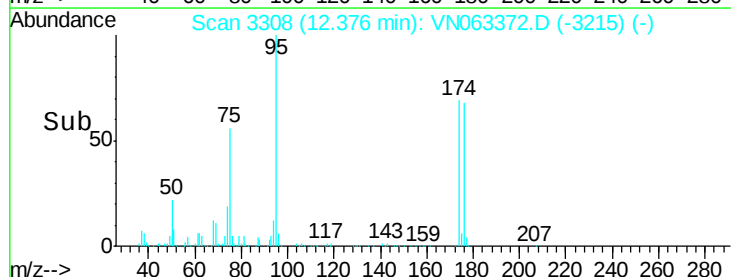
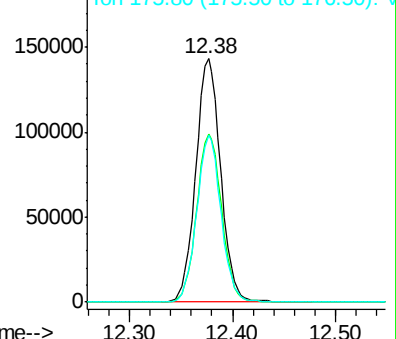
95 100

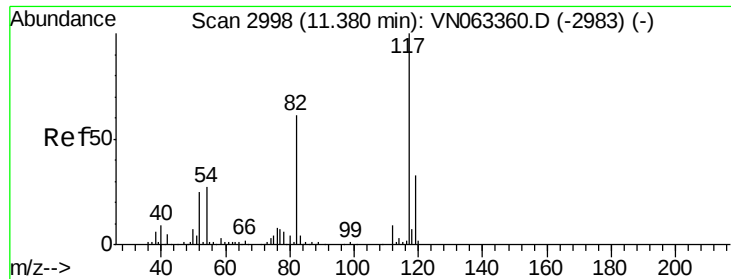
174 69.4 0.0 140.8

176 66.9 0.0 137.6



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

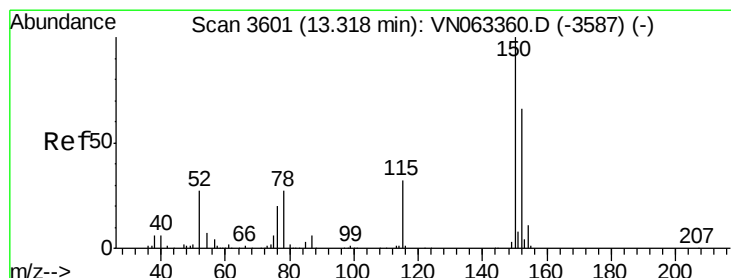
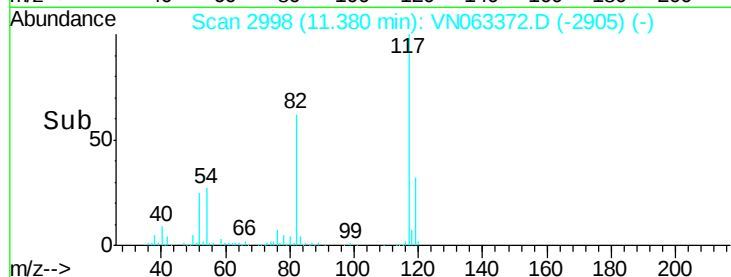
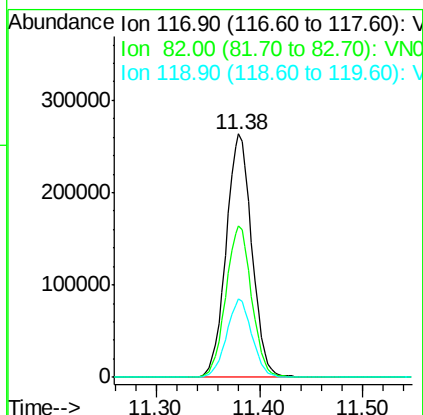
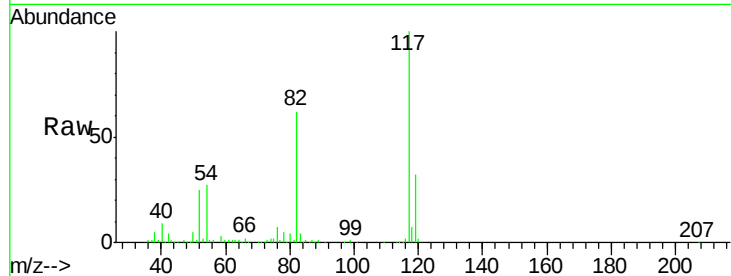




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063372.D
Acq: 16 Sep 2020 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#05

Tot Ion:117 Resp: 457721
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 32.0 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: VN063372.D
Acq: 16 Sep 2020 18:18

Tgt Ion:152 Resp: 196937
Ion Ratio Lower Upper
152 100
115 65.8 32.2 96.6
150 158.5 0.0 343.4

