

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063707.D
 Acq On : 28 Sep 2020 15:57
 Operator : JC/MD
 Sample : PB131914TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131914TB

Quant Time: Sep 29 04:22:32 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

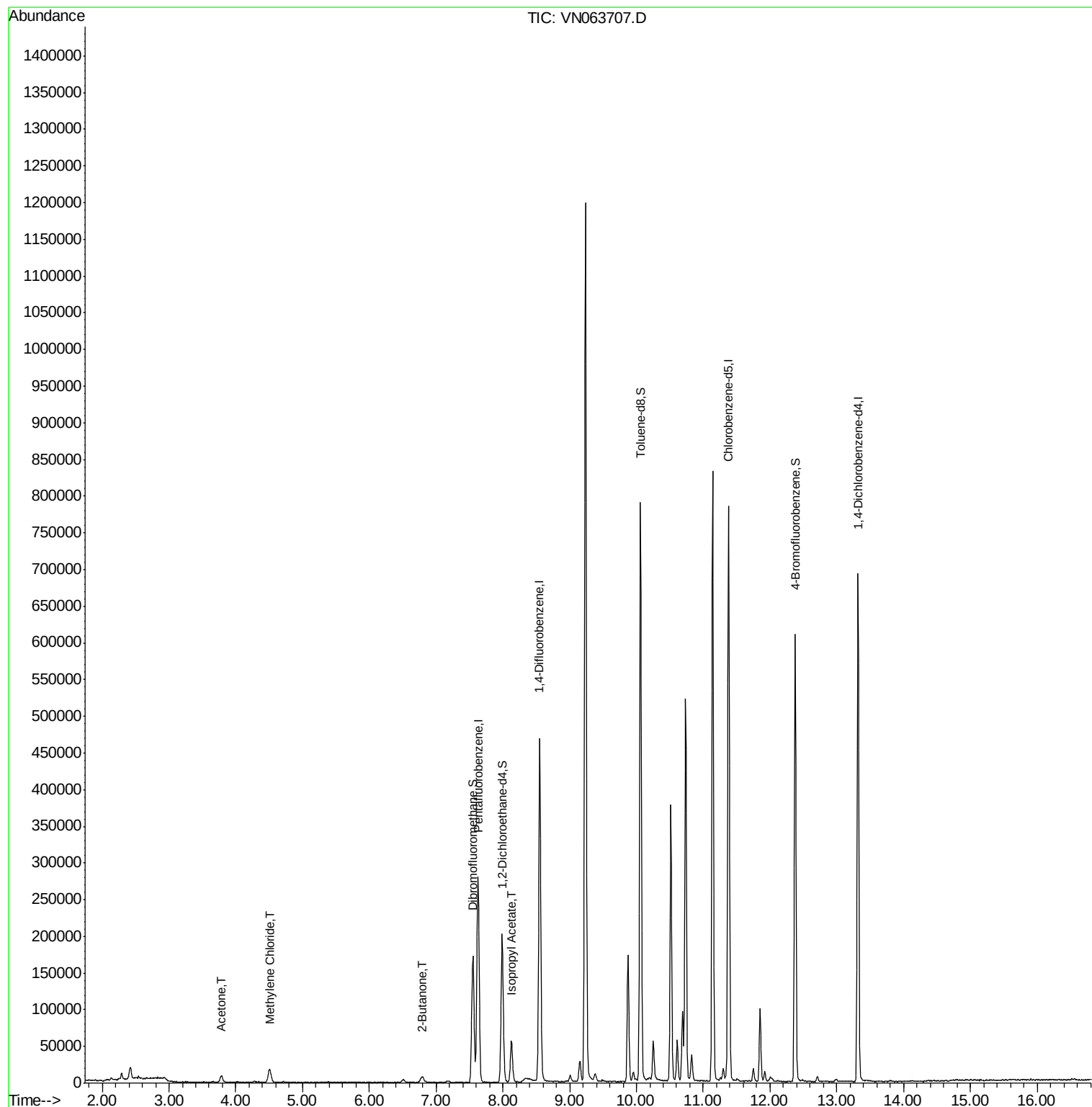
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	406474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178243	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	128850	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	10.06	98	506563	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.38	95	197833	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
Target Compounds						
16) Acetone	3.78	43	15566	13.725	ug/l	98
20) Methylene Chloride	4.51	84	13419	4.670	ug/l	92
25) 2-Butanone	6.80	43	11053	6.337	ug/l	100
43) Isopropyl Acetate	8.13	43	71066	9.967	ug/l	98

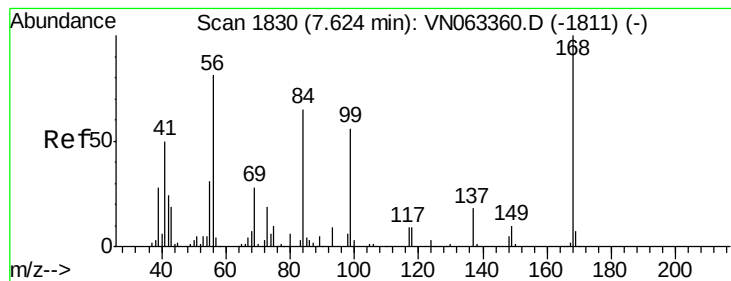
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1832

Delta R.T. 0.01 min

Lab File: VN063707.D

Acq: 28 Sep 2020 15:57

Instrument :

MSVOA_N

ClientSampleId :

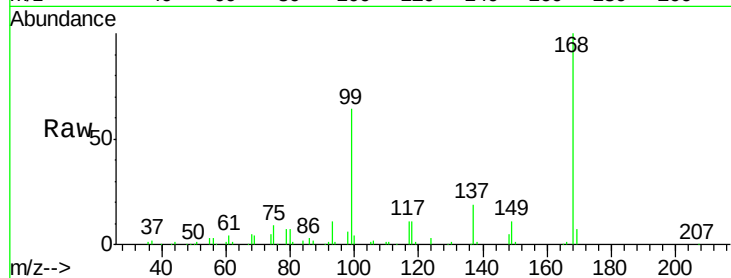
PB131914TB

Tot Ion:168 Resp: 207314

Ion Ratio Lower Upper

168 100

99 63.5 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

80000

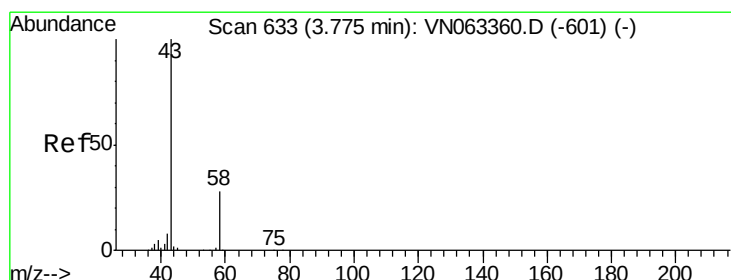
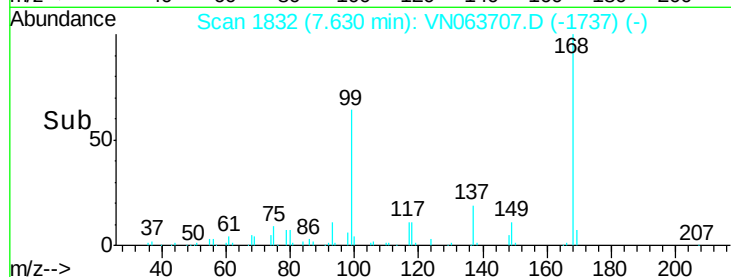
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 13.725 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063707.D

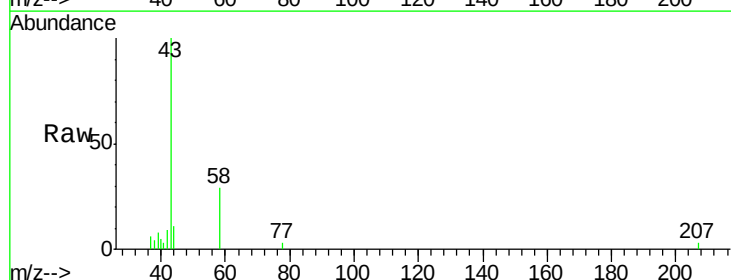
Acq: 28 Sep 2020 15:57

Tgt Ion: 43 Resp: 15566

Ion Ratio Lower Upper

43 100

58 28.8 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

6000

5000

4000

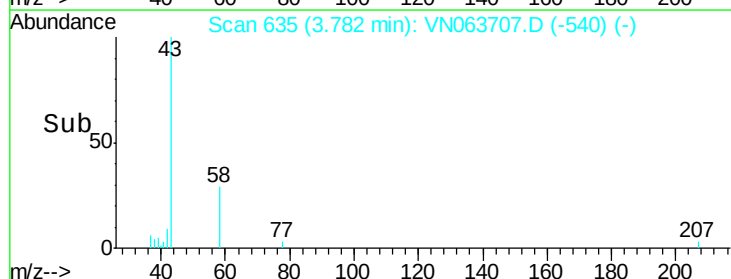
3000

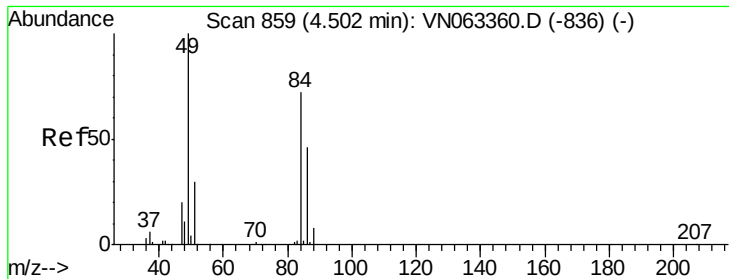
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

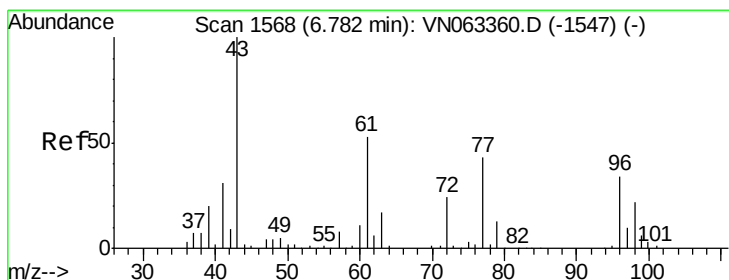
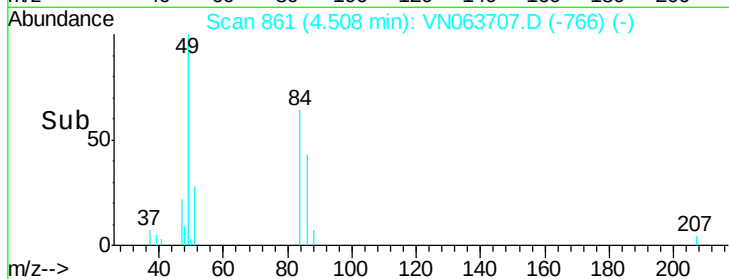
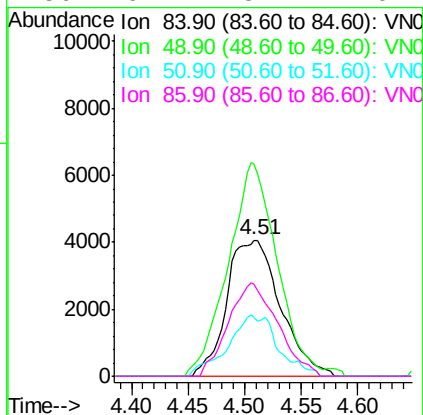
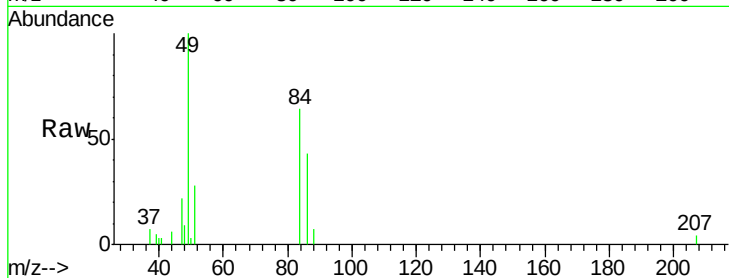




#20
Methvlene Chloride
Concen: 4.670 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063707.D
Acq: 28 Sep 2020 15:57

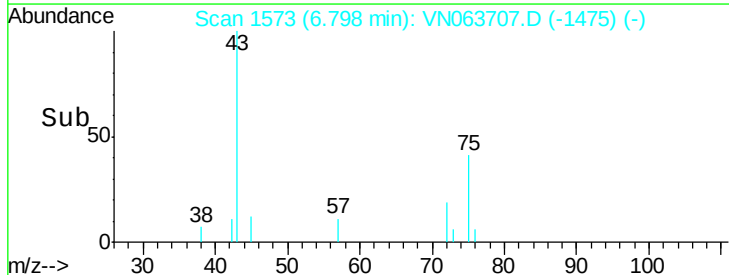
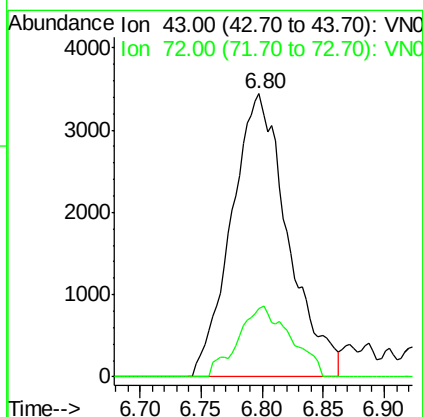
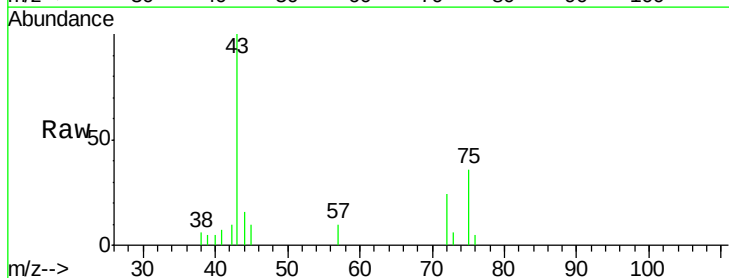
Instrument :
MSVOA_N
ClientSampled :
PB131914TB

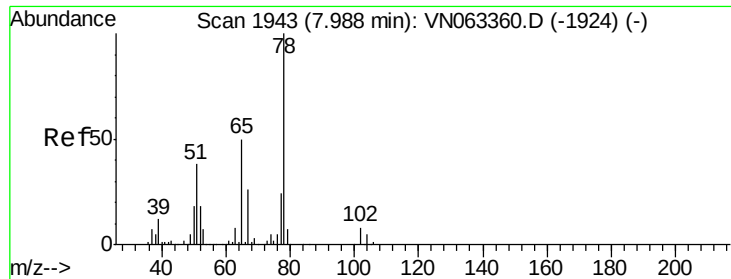
Tot Ion:	84	Resp:	13419
Ion	Ratio	Lower	Upper
84	100		
49	151.2	110.7	166.1
51	43.0	32.9	49.3
86	67.7	51.1	76.7



#25
2-Butanone
Concen: 6.337 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN063707.D
Acq: 28 Sep 2020 15:57

Tgt Ion:	43	Resp:	11053
Ion	Ratio	Lower	Upper
43	100		
72	24.2	19.2	28.8

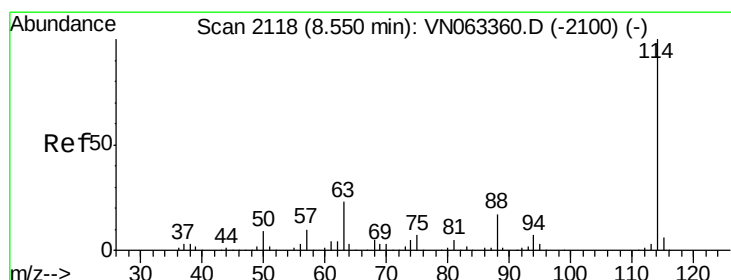
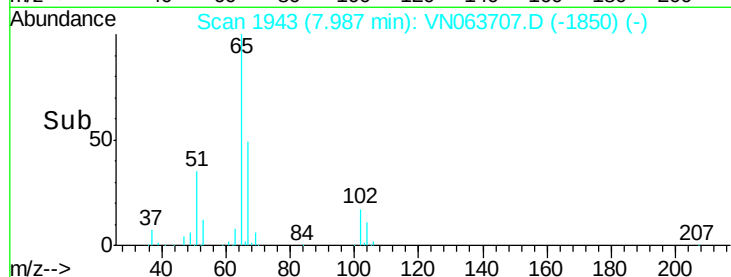
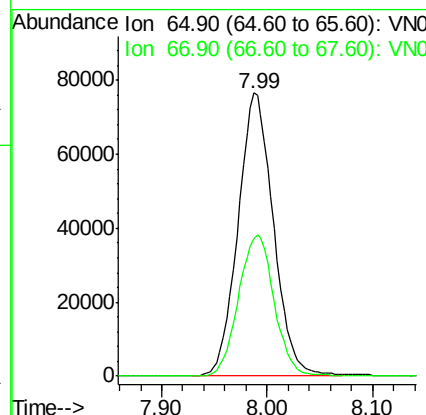
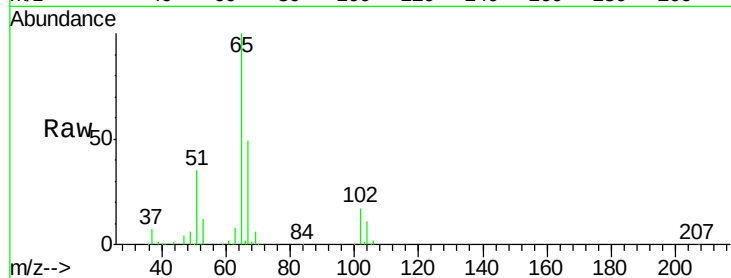




#33
 1,2-Dichloroethane-d4
 Concen: 50.508 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063707.D
 Acq: 28 Sep 2020 15:57

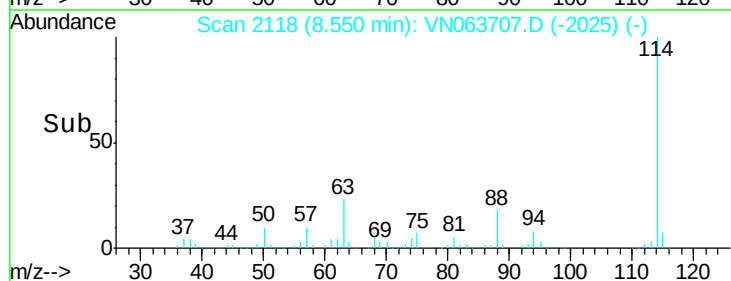
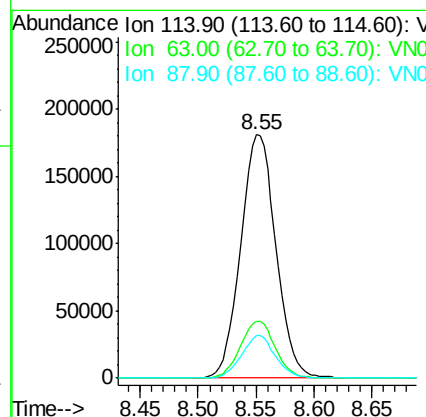
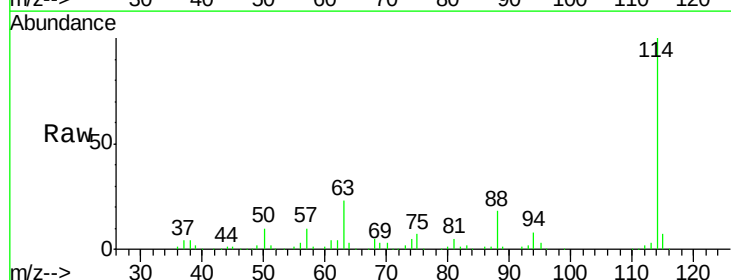
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131914TB

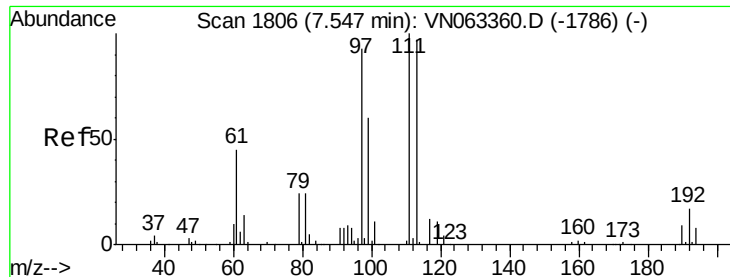
Tot Ion: 65 Resp: 178243
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063707.D
 Acq: 28 Sep 2020 15:57

Tgt Ion: 114 Resp: 381370
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 17.5 0.0 33.2

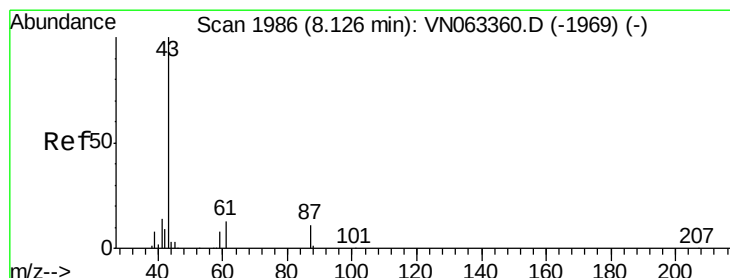
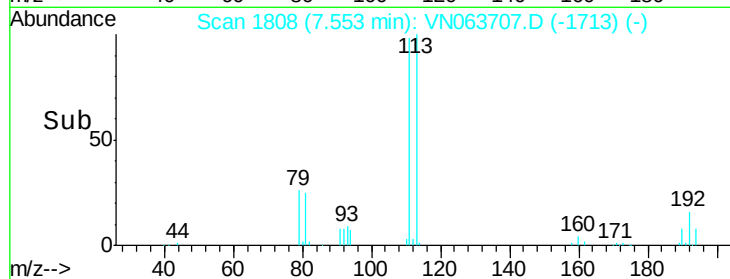
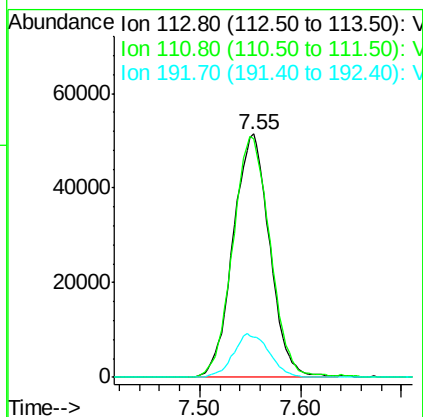
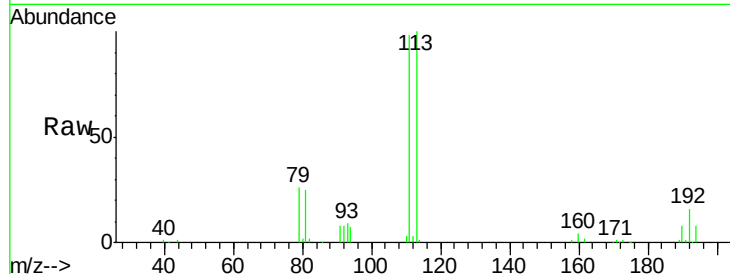




#35
 Dibromofluoromethane
 Concen: 48.804 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN063707.D
 Acq: 28 Sep 2020 15:57

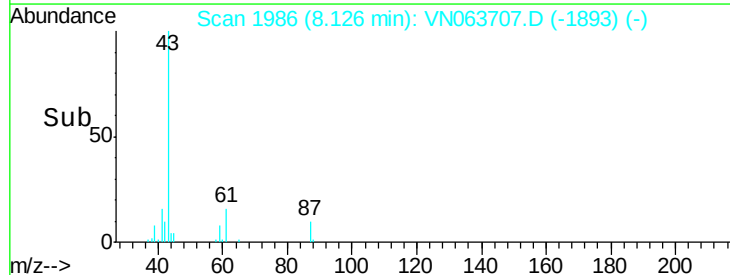
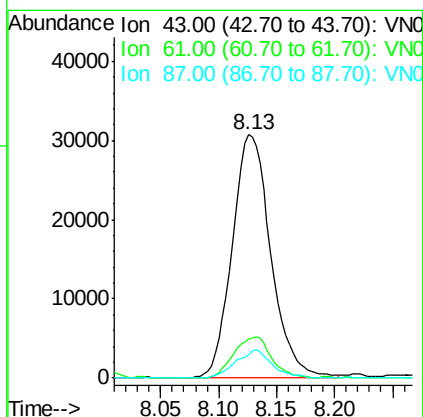
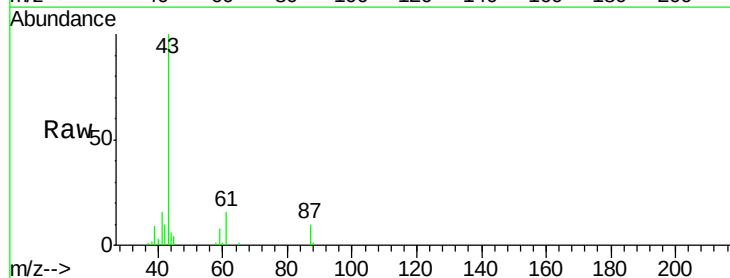
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131914TB

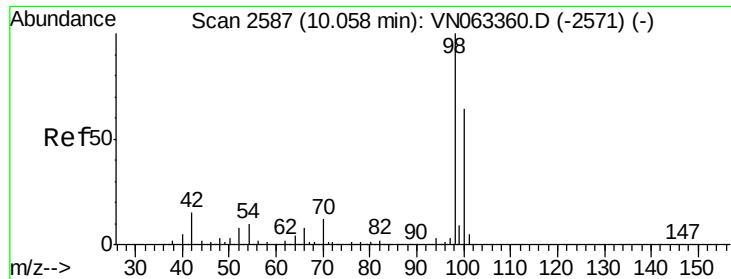
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	17.7	13.9	20.9



#43
 Isopropyl Acetate
 Concen: 9.967 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063707.D
 Acq: 28 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.2	21.2
87	10.9	9.0	13.6





#50

Toluene-d8

Concen: 51.027 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063707.D

Acq: 28 Sep 2020 15:57

Instrument :

MSVOA_N

ClientSampled :

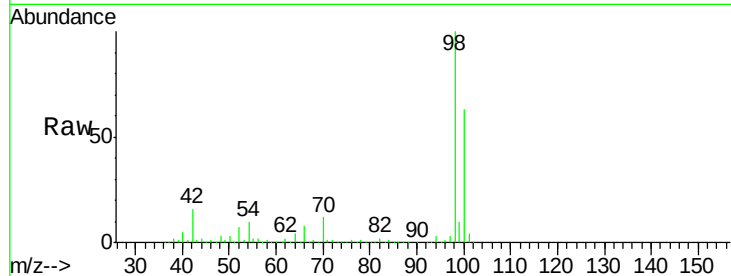
PB131914TB

Tot Ion: 98 Resp: 506563

Ion Ratio Lower Upper

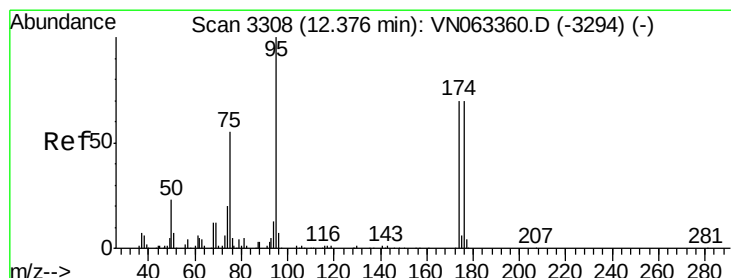
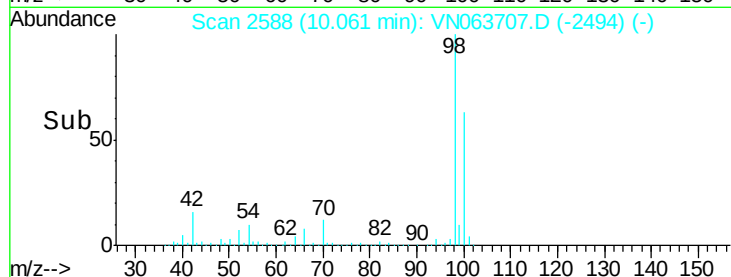
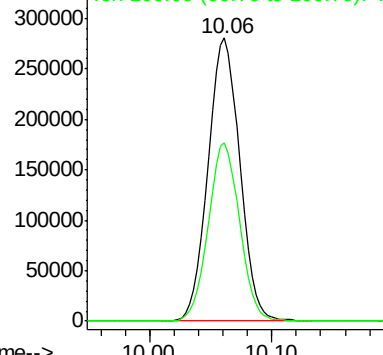
98 100

100 62.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 54.361 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063707.D

Acq: 28 Sep 2020 15:57

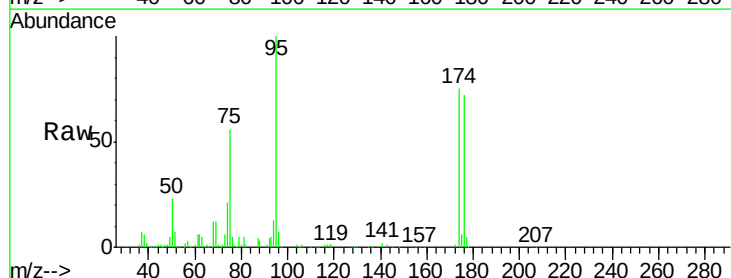
Tgt Ion: 95 Resp: 197833

Ion Ratio Lower Upper

95 100

174 74.8 0.0 140.8

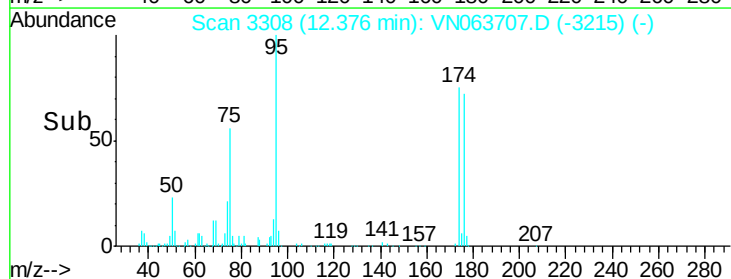
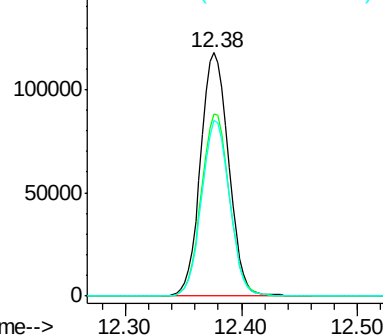
176 71.6 0.0 137.6

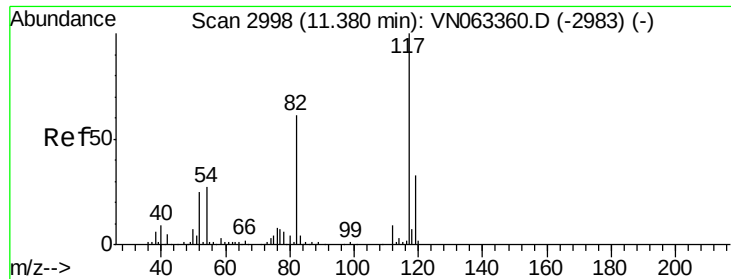


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

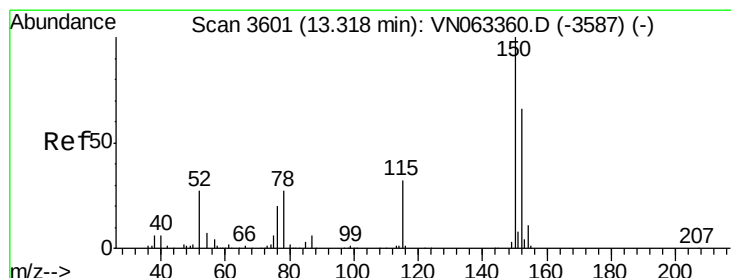
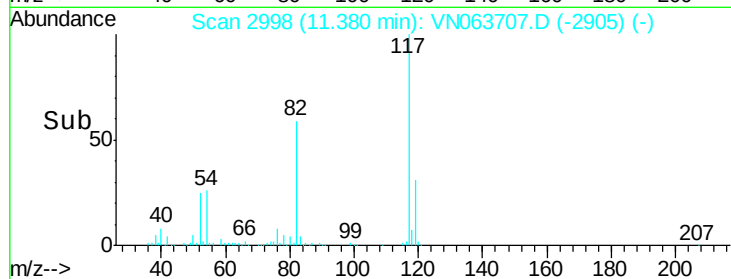
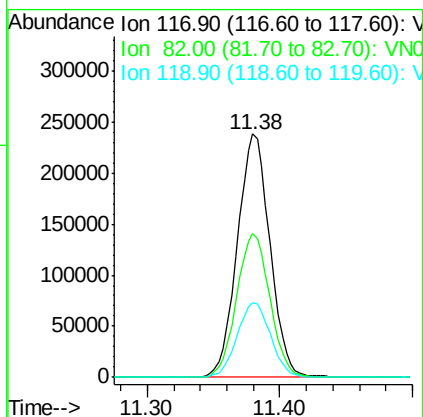
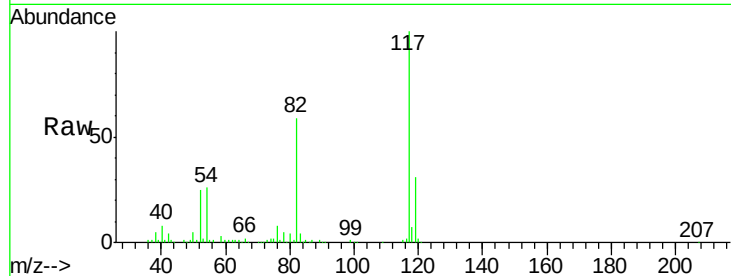




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063707.D
Acq: 28 Sep 2020 15:57

Instrument :
MSVOA_N
ClientSampleId :
PB131914TB

Tot Ion:117 Resp: 406474
Ion Ratio Lower Upper
117 100
82 58.8 49.2 73.8
119 30.7 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: VN063707.D
Acq: 28 Sep 2020 15:57

Tgt Ion:152 Resp: 163052
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 159.0 0.0 343.4

