

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063566.D
 Acq On : 23 Sep 2020 5:40
 Operator : JC/MD
 Sample : PB131772ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131772ZHE#04

Manual Integrations
 APPROVED

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 9/23/2020 1:06:51 PM

Quant Time: Sep 23 07:31:39 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	212892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	180865	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	7.55	113	131807	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
50) Toluene-d8	10.06	98	519427	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.38	95	208521	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
Target Compounds						
16) Acetone	3.78	43	31166	26.759	ug/l	94
18) Methyl Acetate	4.29	43	5115m	1.730	ug/l	
20) Methylene Chloride	4.50	84	17880	6.059	ug/l #	85
43) Isopropyl Acetate	8.13	43	77959	10.122	ug/l	100

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

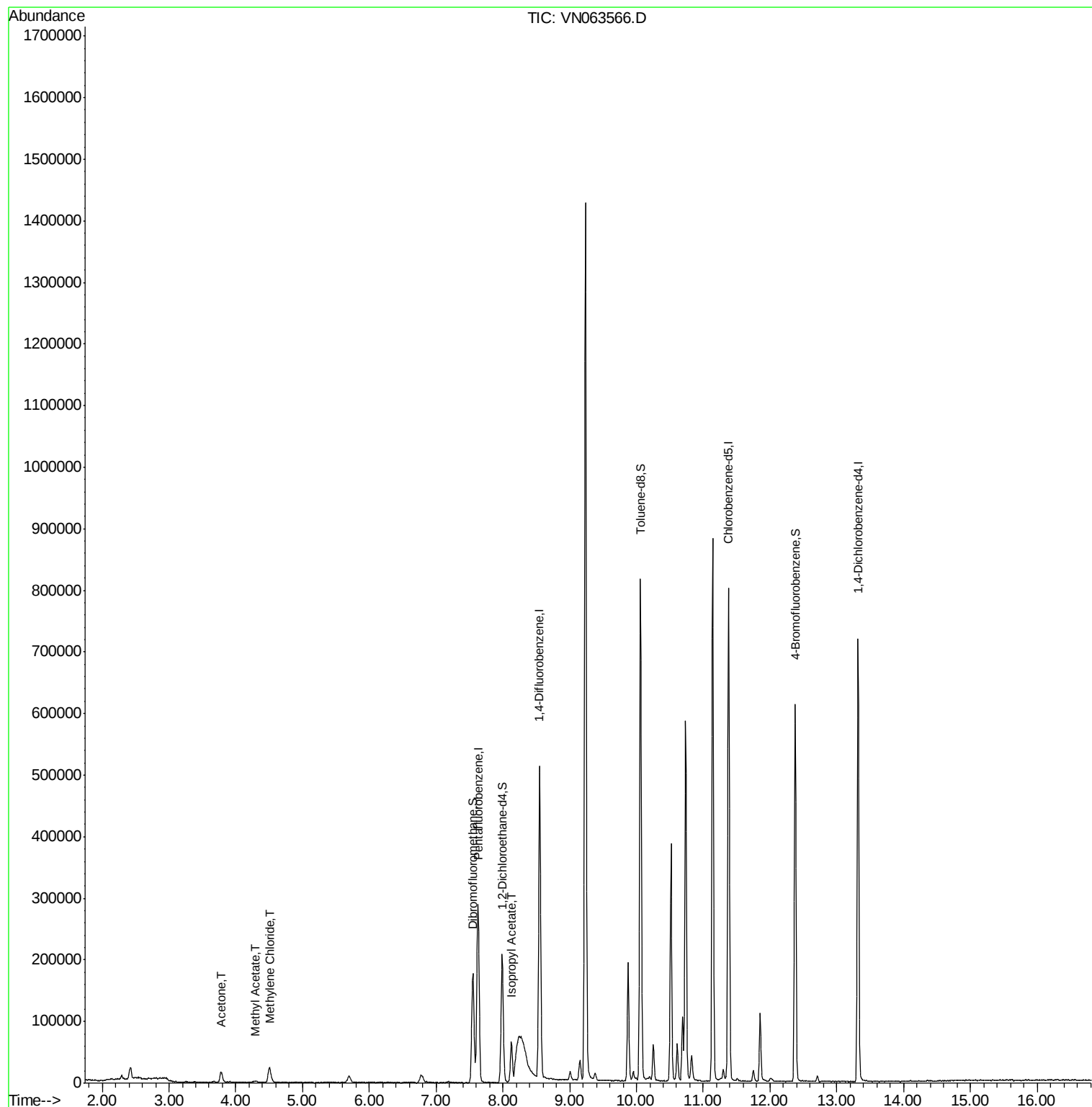
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063566.D
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Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 45 Sample Multiplier: 1

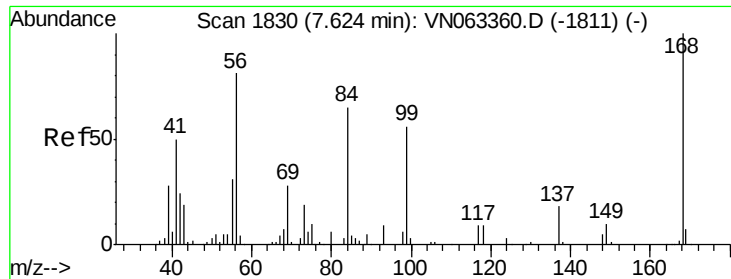
Instrument :
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Quant Time: Sep 23 07:31:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063566.D

Acq: 23 Sep 2020 5:40

Instrument :

MSVOA_N

ClientSampleId :

PB131772ZHE#04

Tot Ion:168 Resp: 212892

Ion Ratio Lower Upper

168 100

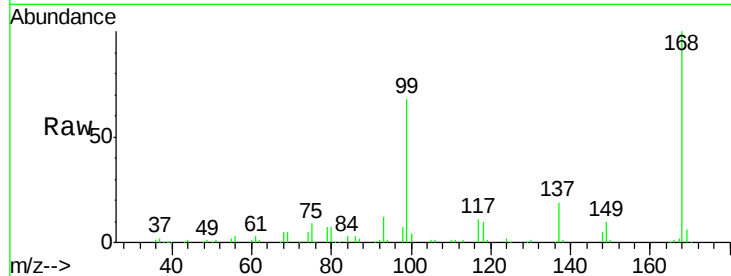
99 67.9 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

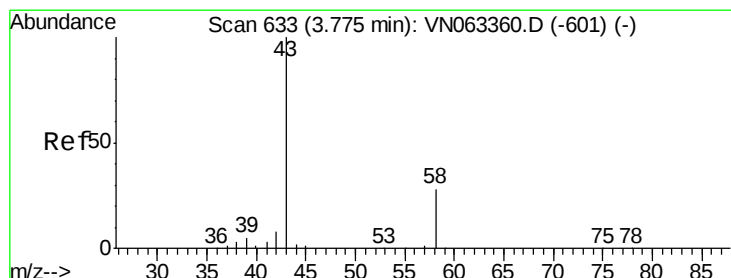
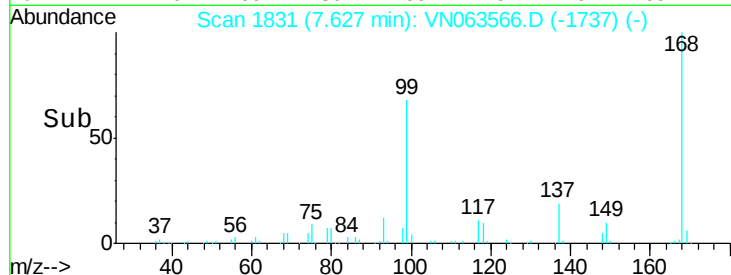
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 26.759 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063566.D

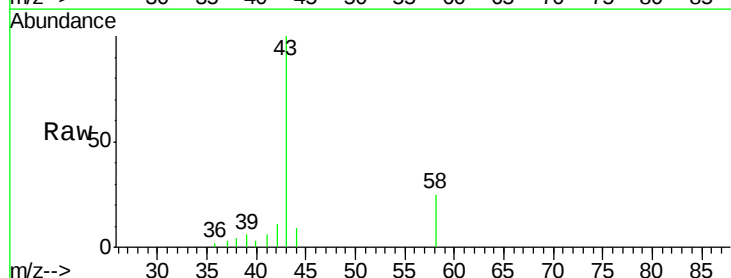
Acq: 23 Sep 2020 5:40

Tgt Ion: 43 Resp: 31166

Ion Ratio Lower Upper

43 100

58 24.7 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

12000

10000

8000

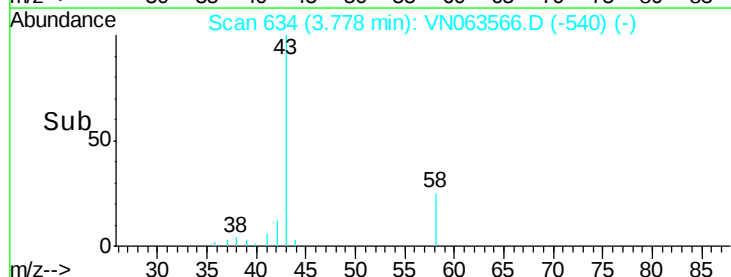
6000

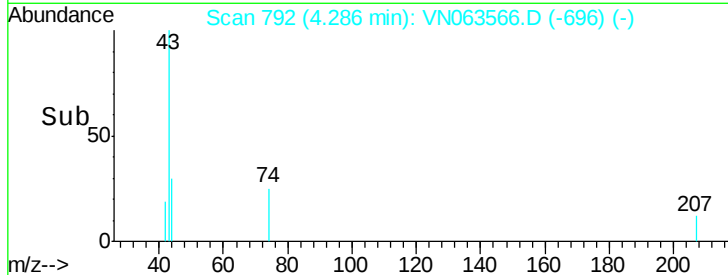
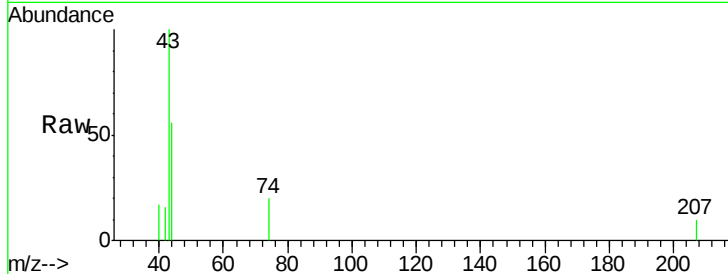
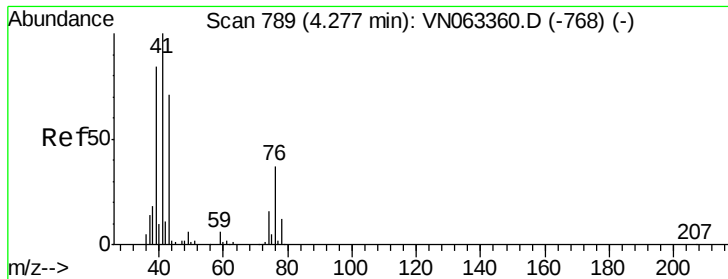
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





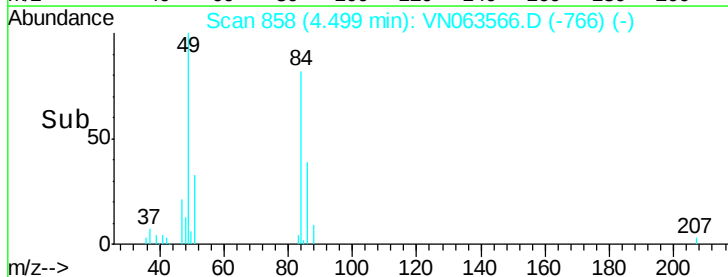
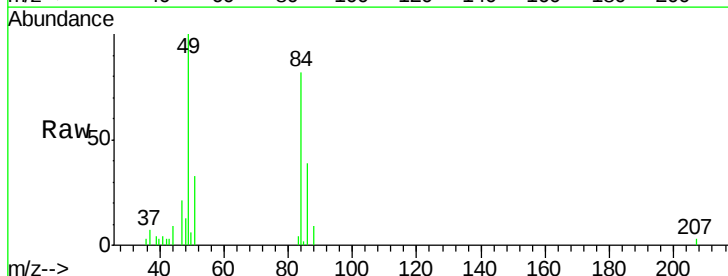
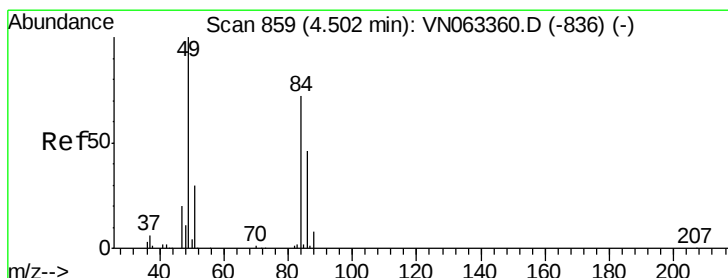
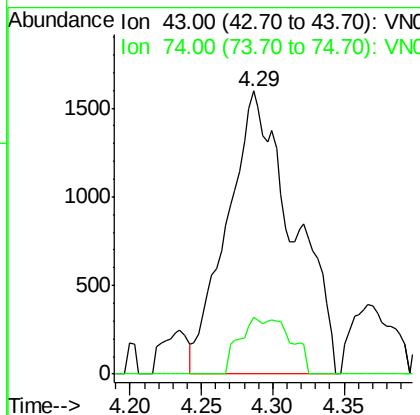
#18
Methyl Acetate
Concen: 1.730 ug/l m
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063566.D
Acq: 23 Sep 2020 5:40

Tot Ion: 43 Resp: 5115
Ion Ratio Lower Upper
43 100
74 7.3 17.4 26.2#

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#04

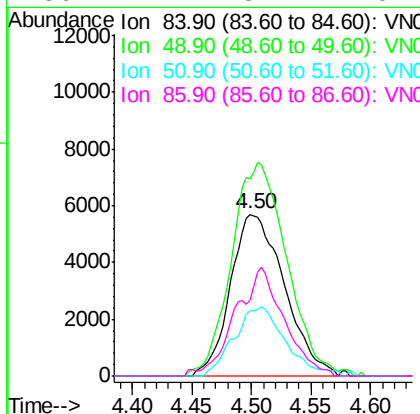
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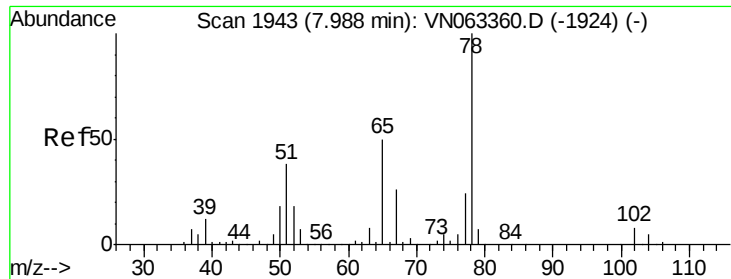
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#20
Methylene Chloride
Concen: 6.059 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063566.D
Acq: 23 Sep 2020 5:40

Tgt Ion: 84 Resp: 17880
Ion Ratio Lower Upper
84 100
49 119.4 110.7 166.1
51 40.4 32.9 49.3
86 47.1 51.1 76.7#





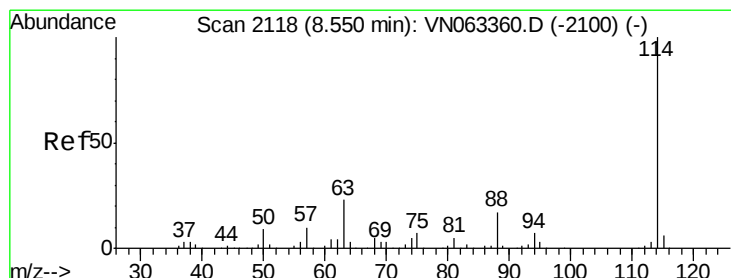
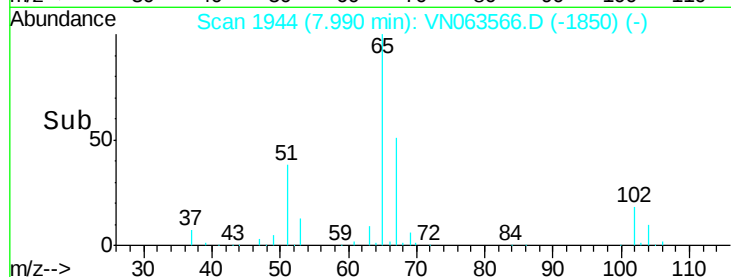
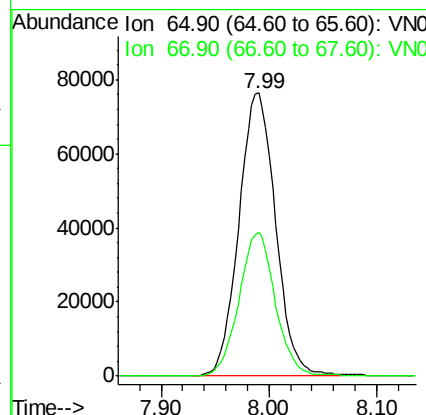
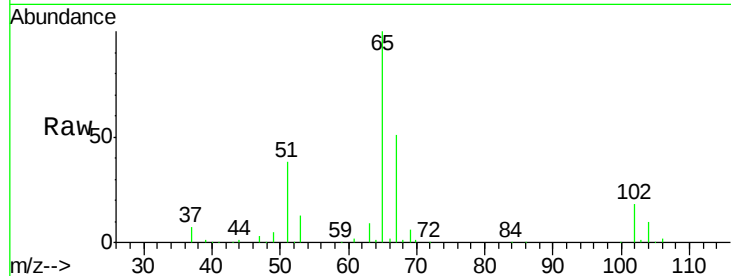
#33
 1,2-Dichloroethane-d4
 Concen: 49.908 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063566.D
 Acq: 23 Sep 2020 5:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131772ZHE#04

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.1	0.0	104.2	

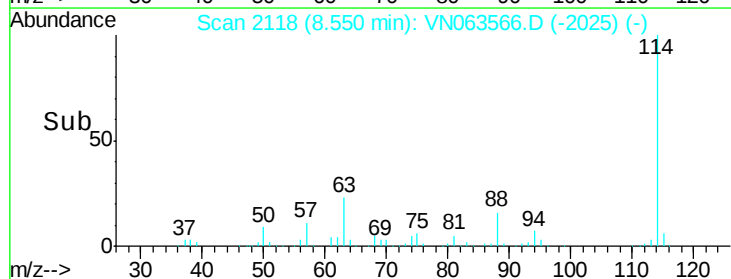
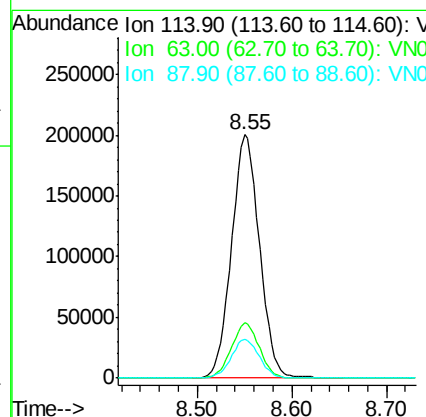
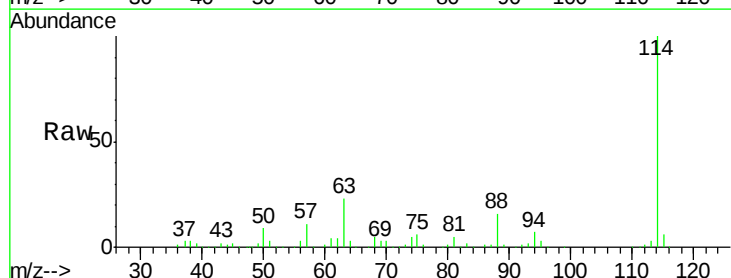
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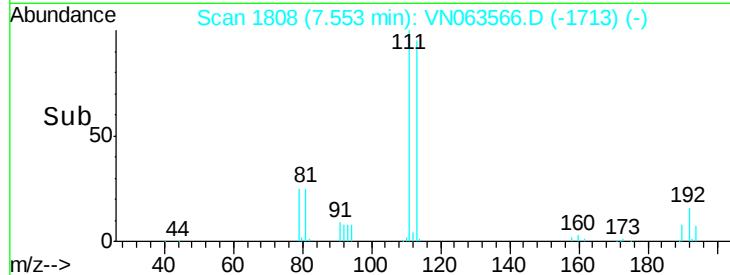
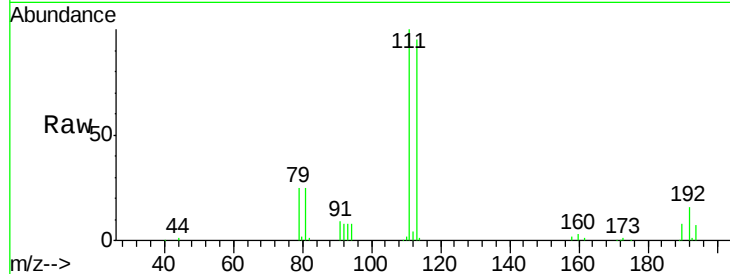
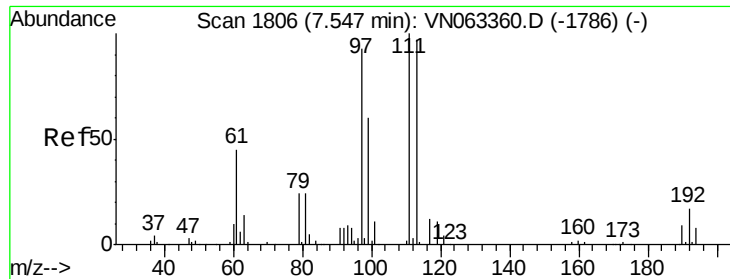
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063566.D
 Acq: 23 Sep 2020 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.6	0.0	46.4	
88	15.8	0.0	33.2	





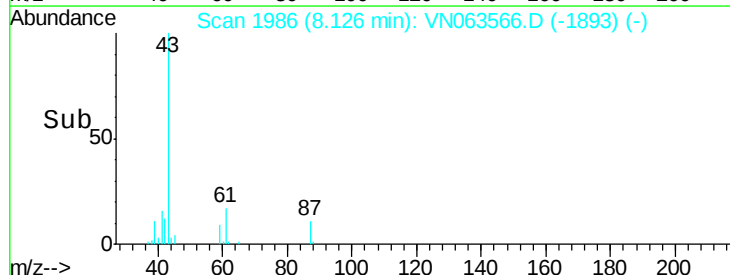
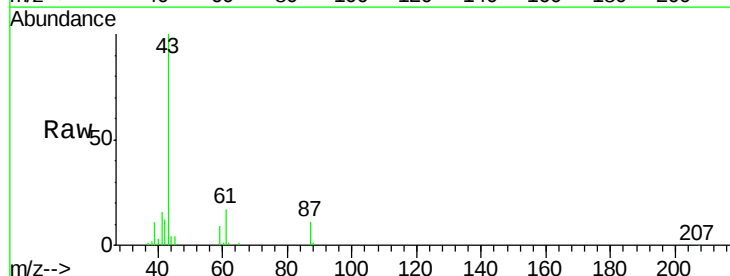
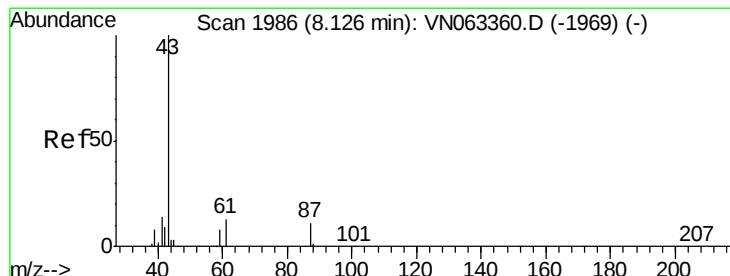
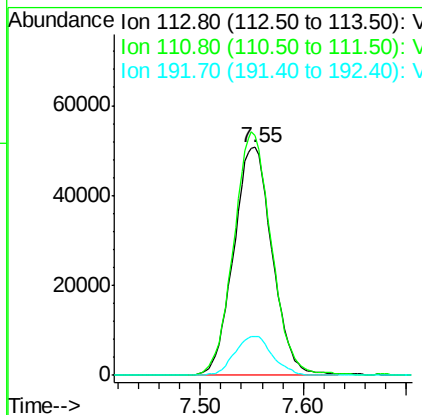
#35
Dibromofluoromethane
Concen: 46.217 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN063566.D
Acq: 23 Sep 2020 5:40

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.2	82.9	124.3	
192	16.8	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#04

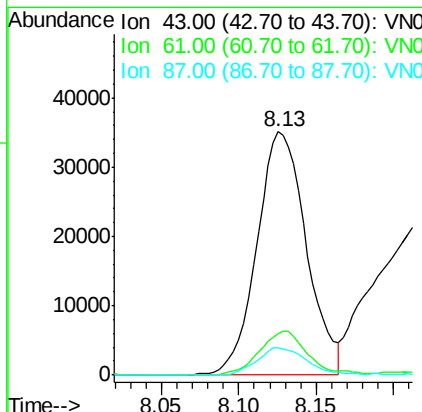
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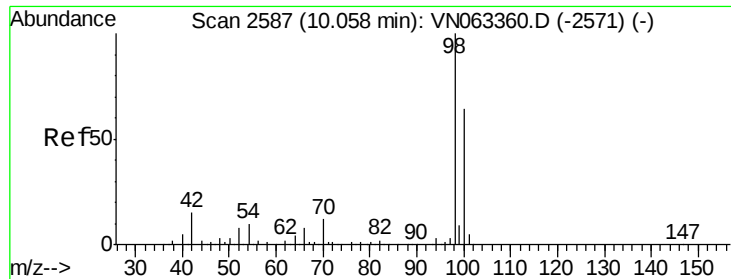
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#43
Isopropyl Acetate
Concen: 10.122 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063566.D
Acq: 23 Sep 2020 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	17.5	14.2	21.2	
87	11.2	9.0	13.6	





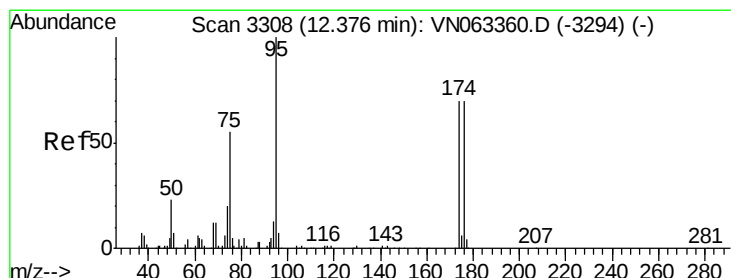
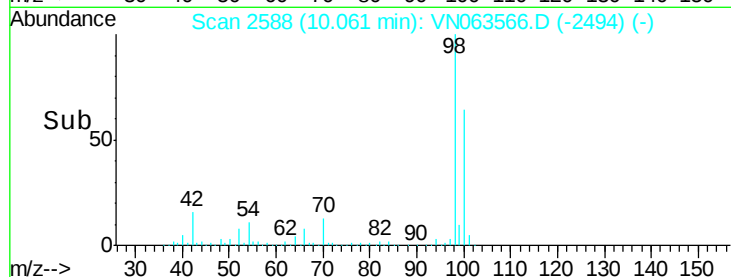
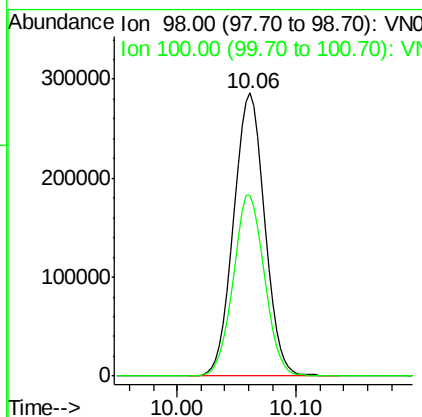
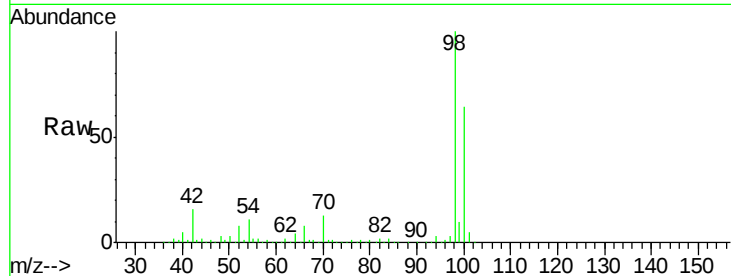
#50
Toluene-d8
Concen: 48.437 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063566.D
Acq: 23 Sep 2020 5:40

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#04

Tot Ion: 98 Resp: 519427
Ion Ratio Lower Upper
98 100
100 64.4 50.7 76.1

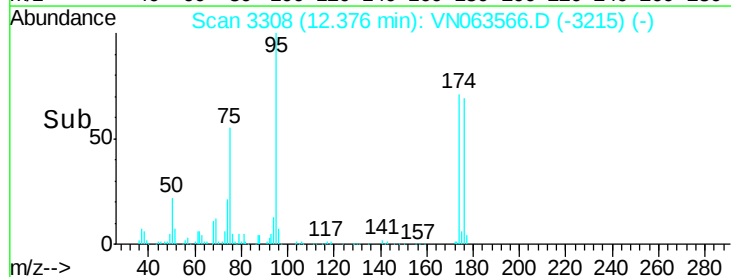
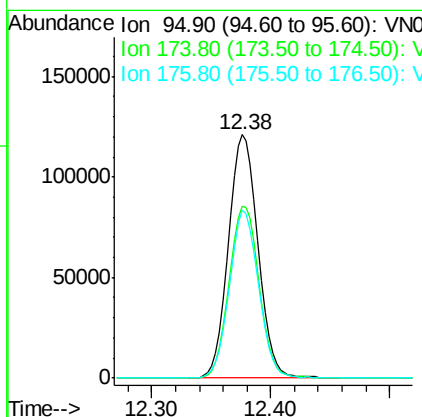
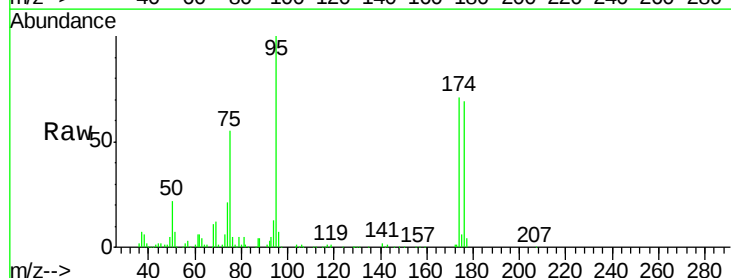
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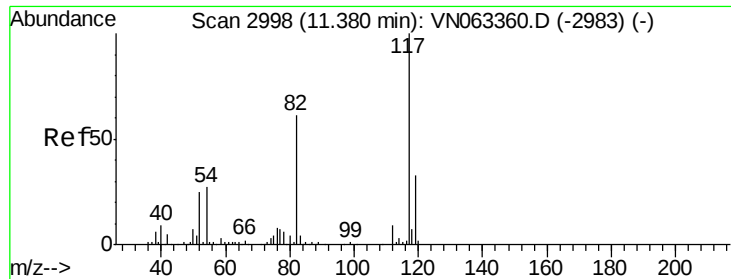
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#62
4-Bromofluorobenzene
Concen: 53.043 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063566.D
Acq: 23 Sep 2020 5:40

Tgt Ion: 95 Resp: 208521
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.8
176 67.6 0.0 137.6





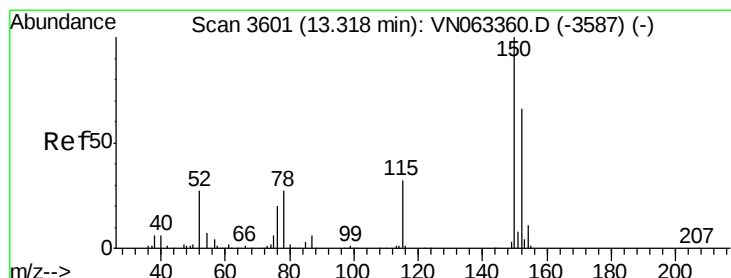
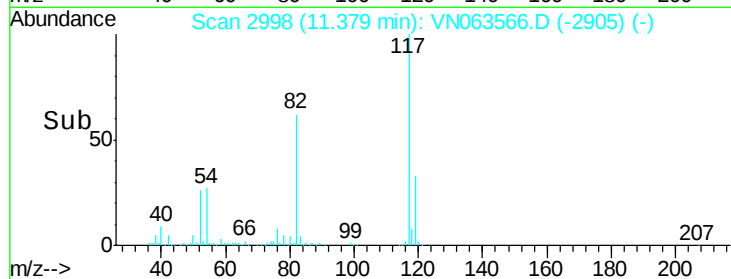
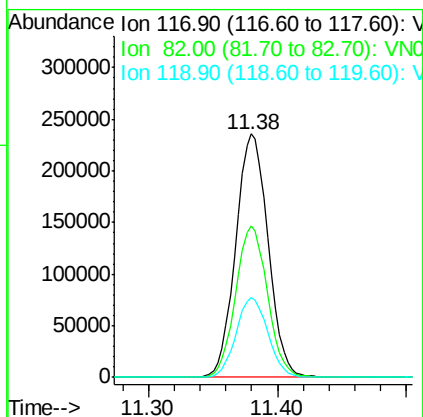
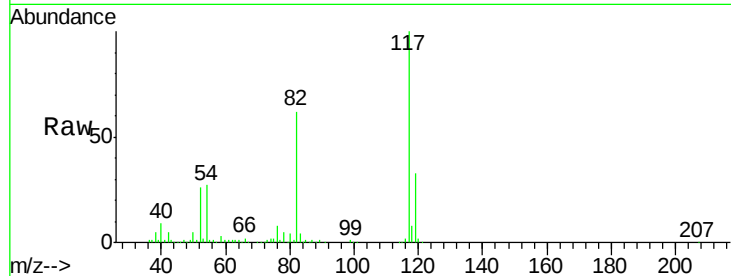
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063566.D
Acq: 23 Sep 2020 5:40

Instrument :
MSVOA_N
ClientSampleId :
PB131772ZHE#04

Tot Ion	Ratio	Resp	Lower	Upper
117	100	411560		
82	62.4	49.2	73.8	
119	32.8	26.2	39.4	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063566.D
Acq: 23 Sep 2020 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	170667		
115	64.9	32.2	96.6	
150	157.3	0.0	343.4	

