

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064108.D
 Acq On : 13 Oct 2020 17:58
 Operator : JC/MD
 Sample : PB132303TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132303TB

Manual Integrations
 APPROVED

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 10/14/2020 2:09:19 PM

Quant Time: Oct 14 04:48:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	216188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	402667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	182950	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	7.55	113	138419	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.06	98	542924	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.38	95	205289	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
16) Acetone	3.78	43	10554	9.599	ug/l	97
18) Methyl Acetate	4.29	43	4562m	1.598	ug/l	
20) Methylene Chloride	4.51	84	7781	3.182	ug/l	92
43) Isopropyl Acetate	8.13	43	88901	13.298	ug/l	99

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

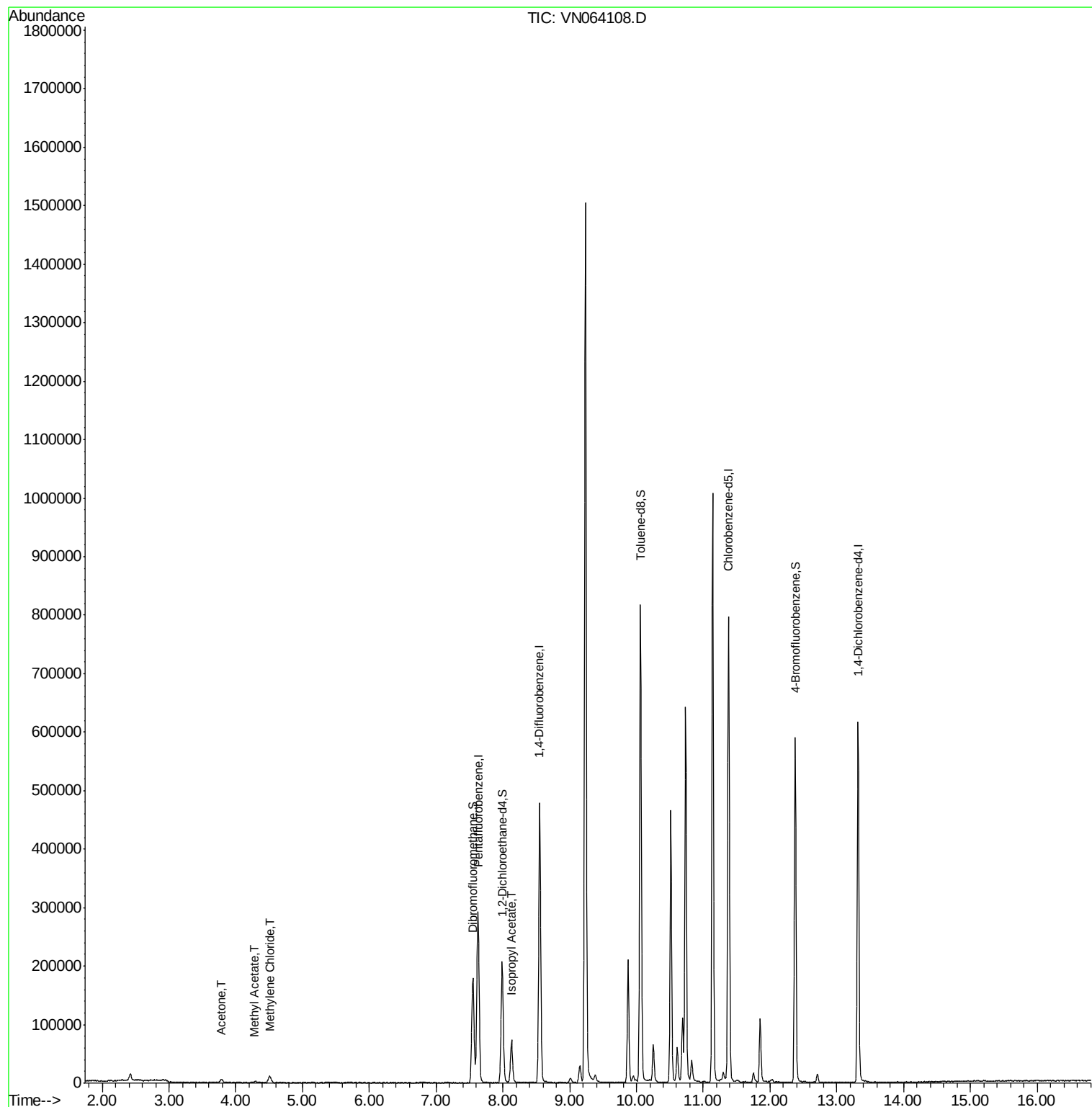
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101320\
Data File : VN064108.D
Acq On : 13 Oct 2020 17:58
Operator : JC/MD
Sample : PB132303TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

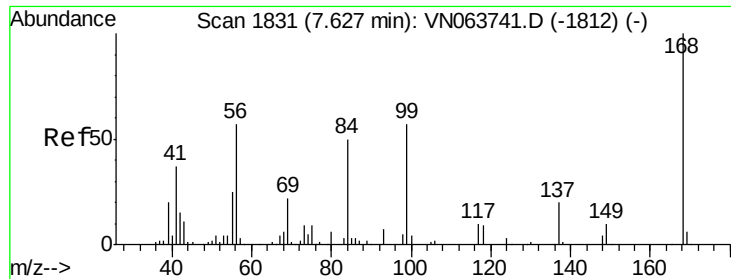
Instrument :
MSVOA_N
ClientSampleId :
PB132303TB

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Quant Time: Oct 14 04:48:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN064108.D

Acq: 13 Oct 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

PB132303TB

Tot Ion:168 Resp: 216188

Ion Ratio Lower Upper

168 100

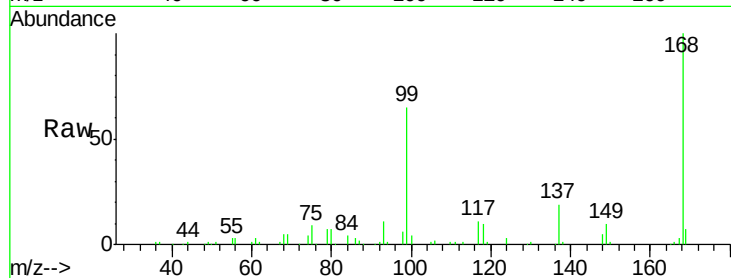
99 64.9 51.8 77.6

Manual Integrations

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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

100000

80000

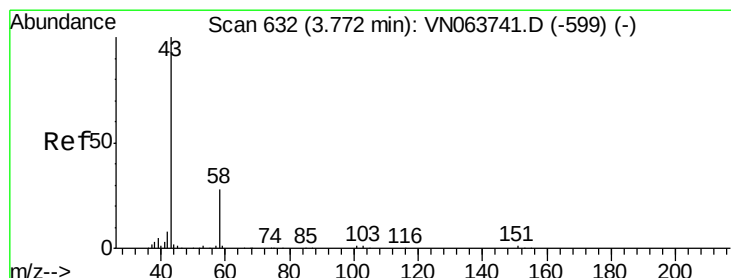
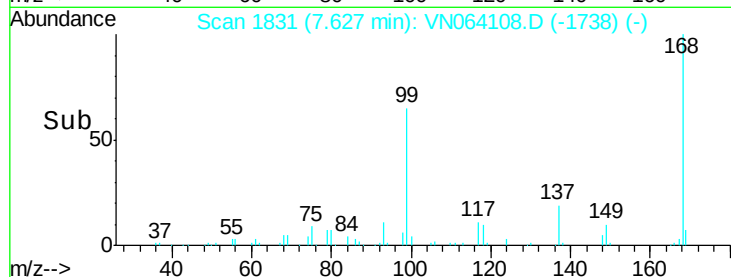
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.599 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064108.D

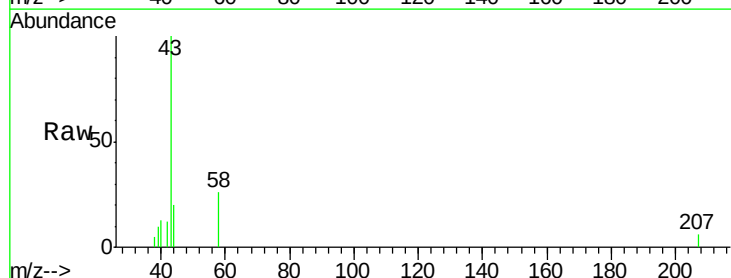
Acq: 13 Oct 2020 17:58

Tgt Ion: 43 Resp: 10554

Ion Ratio Lower Upper

43 100

58 26.3 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

4000

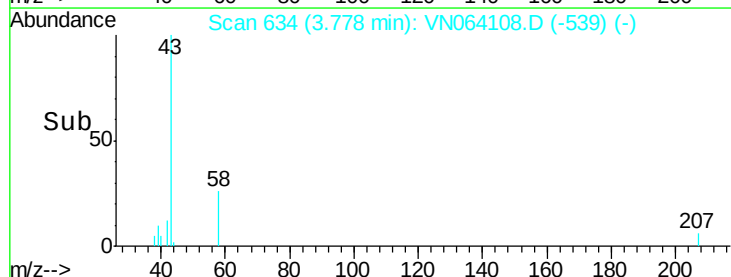
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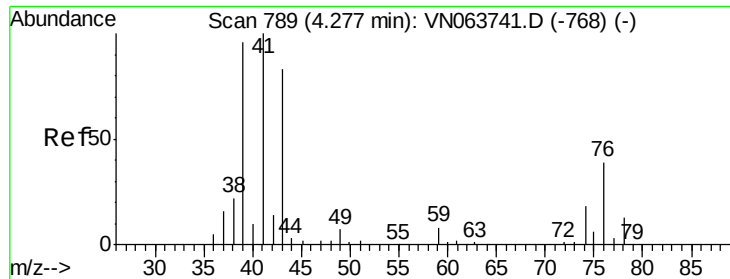
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1000

0

Time-->





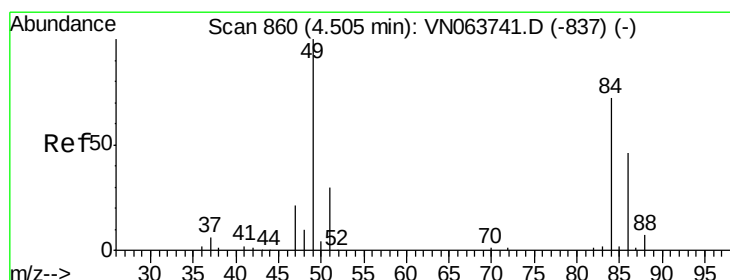
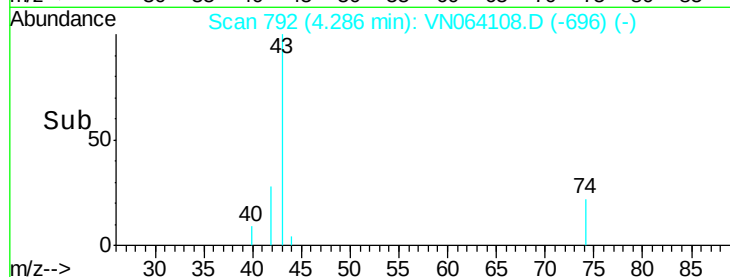
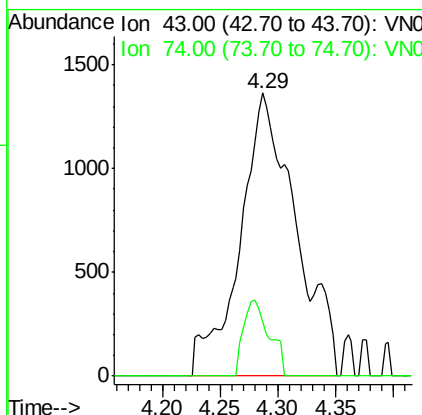
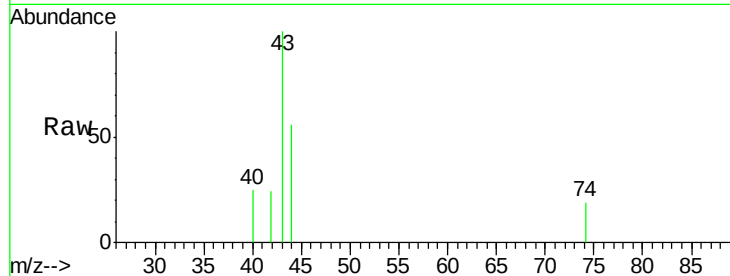
#18
Methyl Acetate
Concen: 1.598 ug/l m
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064108.D
Acq: 13 Oct 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
PB132303TB

Tot Ion: 43 Resp: 4562
Ion Ratio Lower Upper
43 100
74 12.3 17.4 26.2#

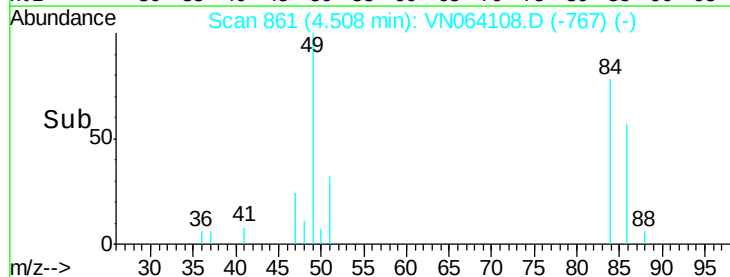
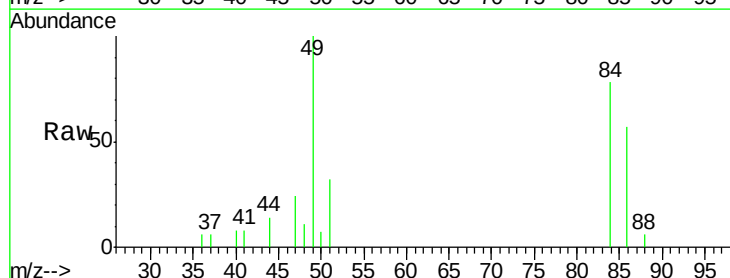
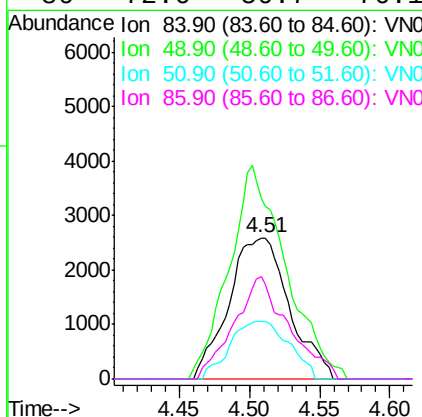
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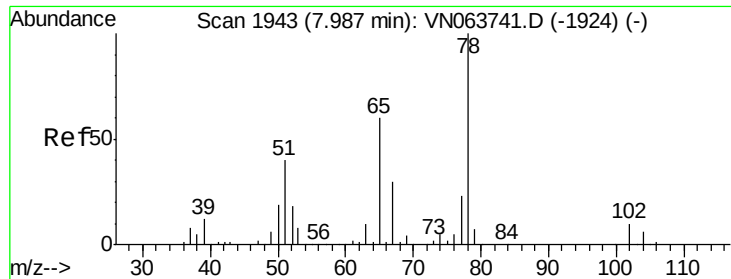
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#20
Methylene Chloride
Concen: 3.182 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064108.D
Acq: 13 Oct 2020 17:58

Tgt Ion: 84 Resp: 7781
Ion Ratio Lower Upper
84 100
49 127.7 110.4 165.6
51 41.1 33.3 49.9
86 72.6 50.7 76.1





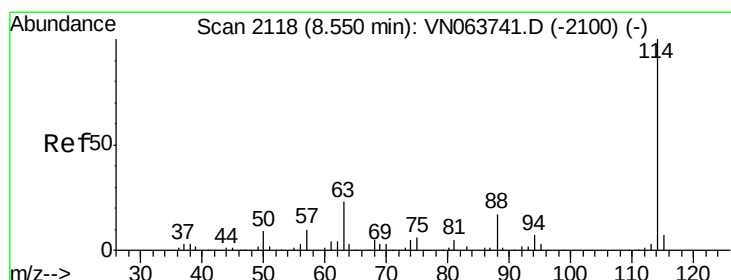
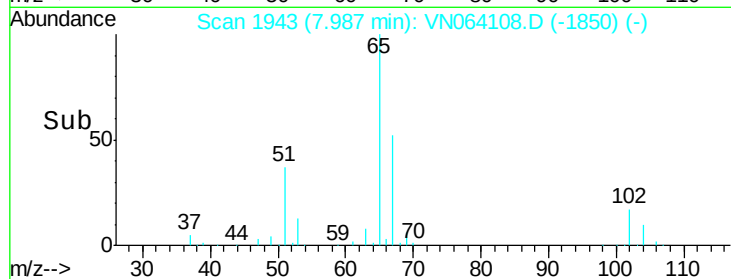
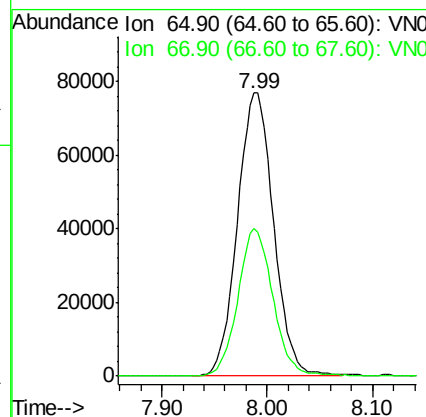
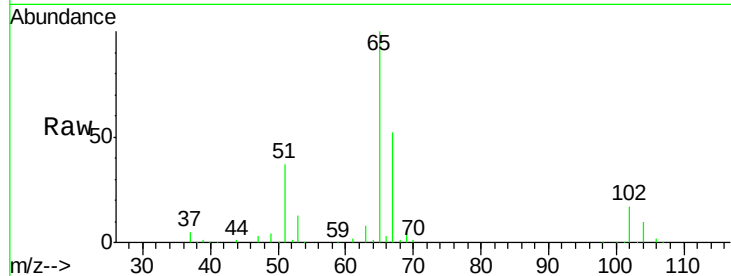
#33
 1,2-Dichloroethane-d4
 Concen: 51.224 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064108.D
 Acq: 13 Oct 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132303TB

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182950		
67	50.5	0.0	99.6	

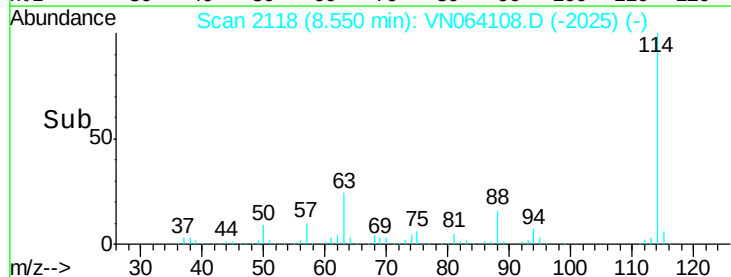
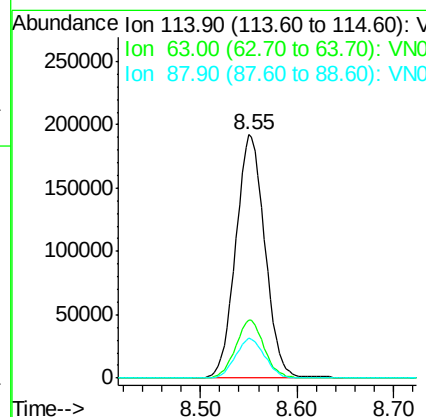
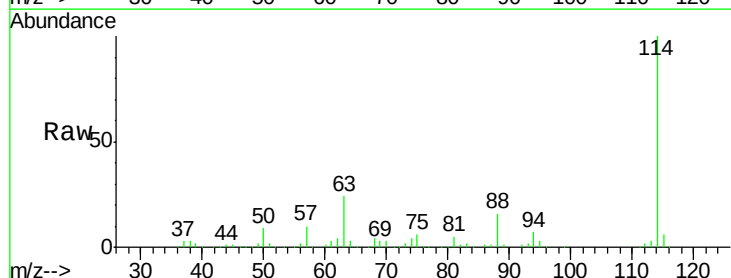
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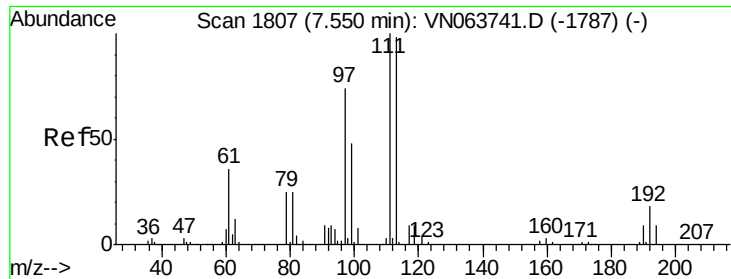
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064108.D
 Acq: 13 Oct 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	402667		
63	23.8	0.0	45.0	
88	16.4	0.0	34.0	





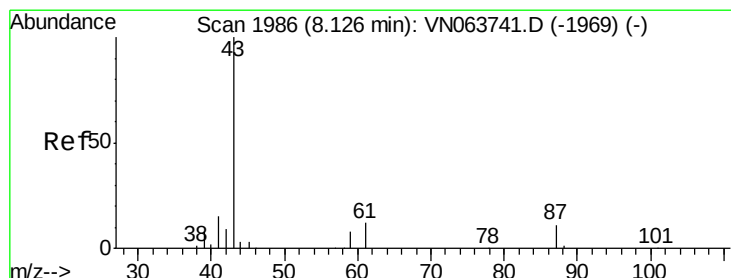
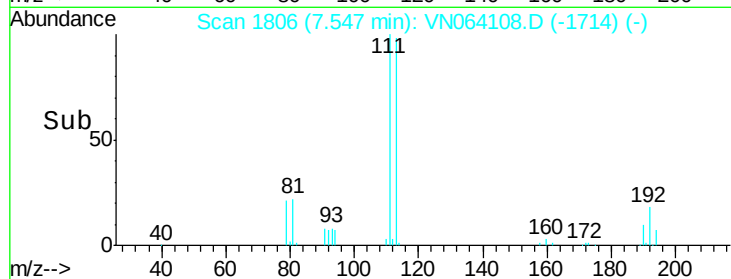
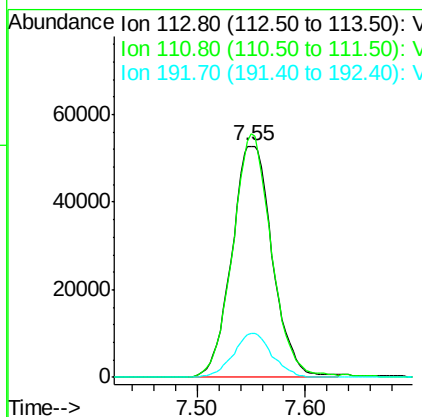
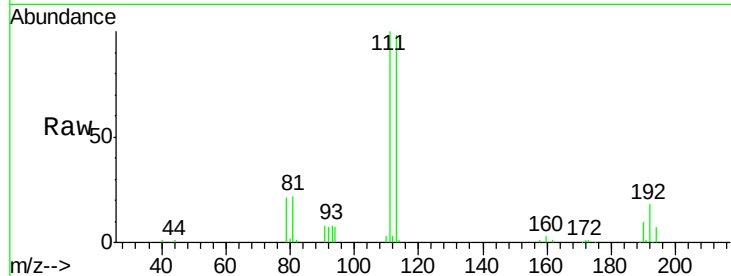
#35
 Dibromofluoromethane
 Concen: 49.541 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064108.D
 Acq: 13 Oct 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132303TB

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138419		
111	100.1	81.8	122.8	
192	18.1	14.2	21.2	

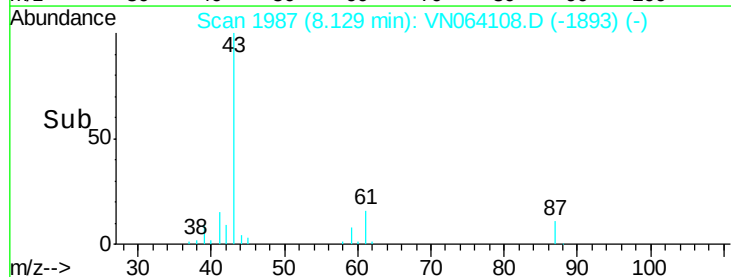
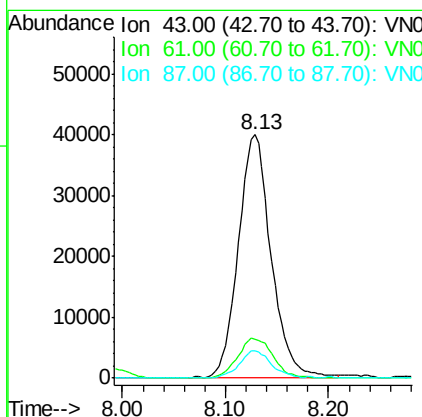
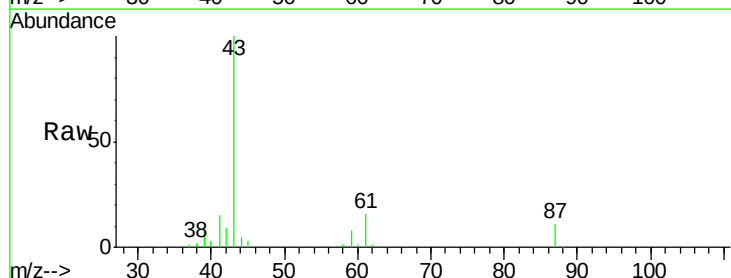
Manual Integrations
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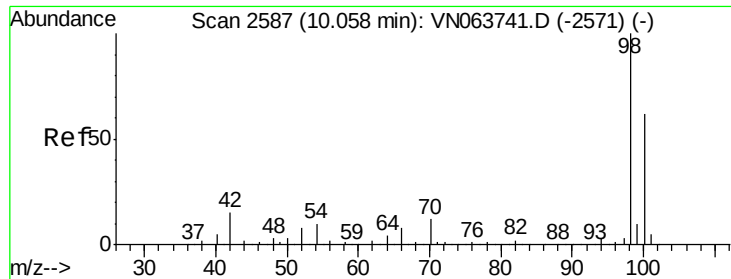
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#43
 Isopropyl Acetate
 Concen: 13.298 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064108.D
 Acq: 13 Oct 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	88901		
61	17.5	14.2	21.4	
87	10.9	9.0	13.6	





#50

Toluene-d8

Concen: 51.259 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064108.D

Acq: 13 Oct 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

PB132303TB

Tot Ion: 98 Resp: 542924

Ion Ratio Lower Upper

98 100

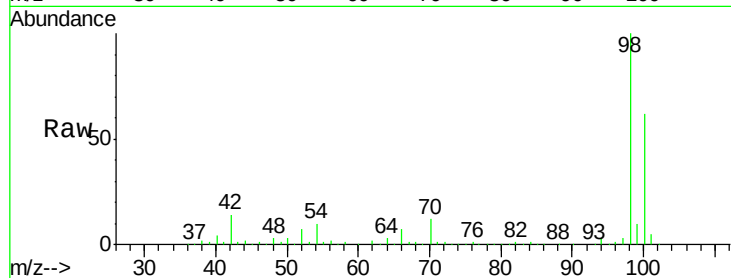
100 63.2 49.8 74.6

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Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

300000

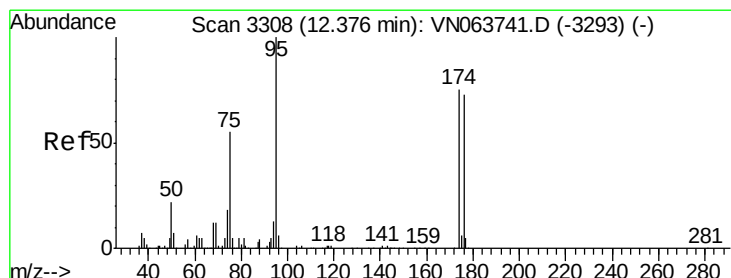
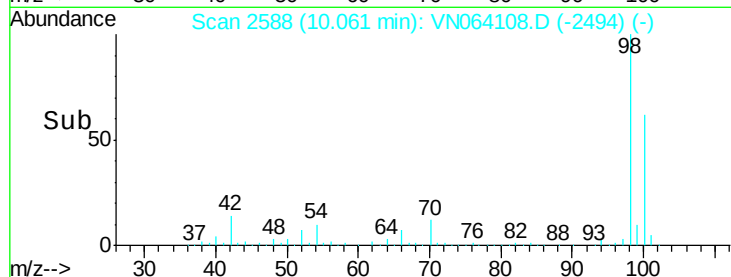
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 51.560 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064108.D

Acq: 13 Oct 2020 17:58

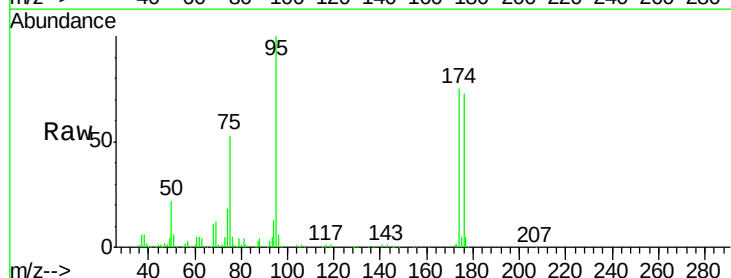
Tgt Ion: 95 Resp: 205289

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

176 71.7 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

150000

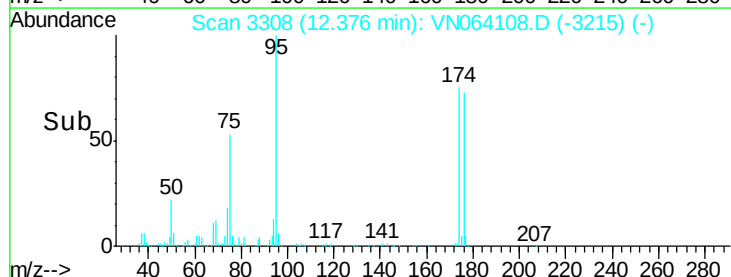
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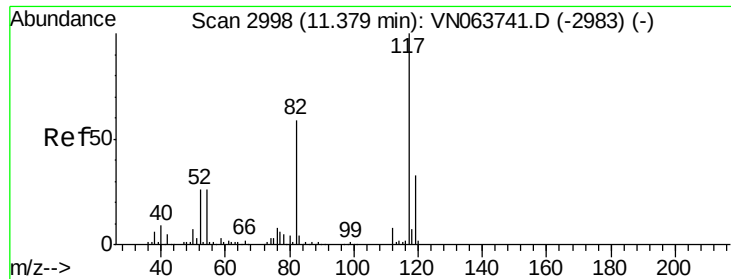
50000

0

12.30 12.35 12.40 12.45

Time-->





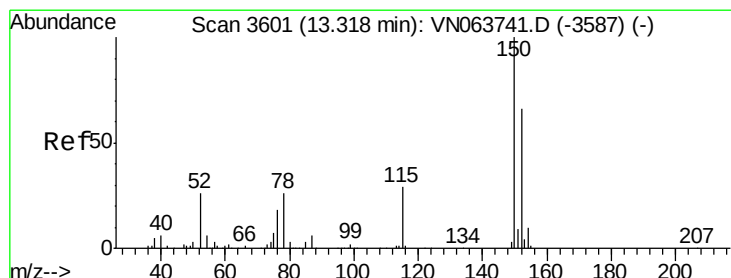
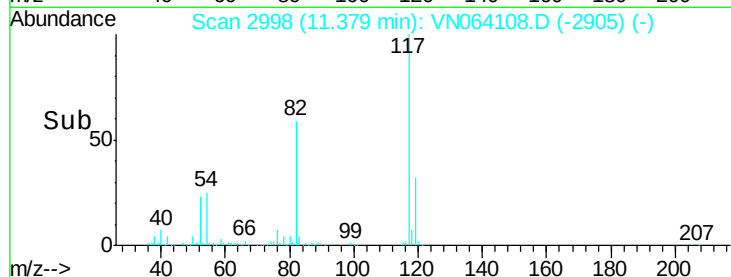
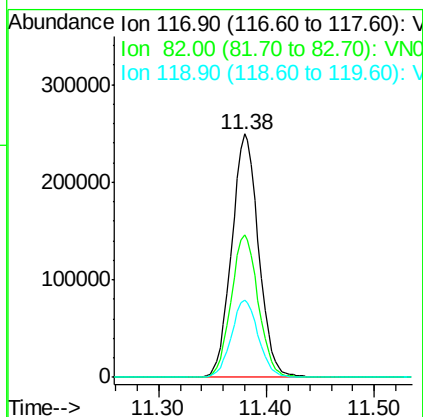
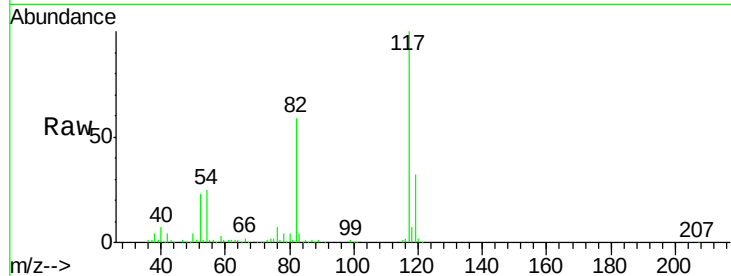
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064108.D
Acq: 13 Oct 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
PB132303TB

Tot Ion	Ratio	Resp	Lower	Upper
117	100	435160		
82	58.8		47.4	71.2
119	31.5		26.4	39.6

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: VN064108.D
Acq: 13 Oct 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156684		
115	64.2		31.3	93.8
150	160.3		0.0	341.8

