

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063266.D
 Acq On : 5 Sep 2020 4:00
 Operator : JC/MD
 Sample : L3877-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:32:34 PM

Quant Time: Sep 07 02:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	291817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	554245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	546848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	227506	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	7.55	113	172258	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.06	98	700529	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.38	95	252607	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
Target Compounds						
16) Acetone	3.78	43	30329	22.365	ug/l	95
18) Methyl Acetate	4.29	43	4930m	1.418	ug/l	
20) Methylene Chloride	4.51	84	19691	4.719	ug/l	96
40) Benzene	8.00	78	117080	7.477	ug/l	98
43) Isopropyl Acetate	8.13	43	83160	9.570	ug/l #	89
95) Naphthalene	15.10	128	486302	38.049	ug/l	100

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

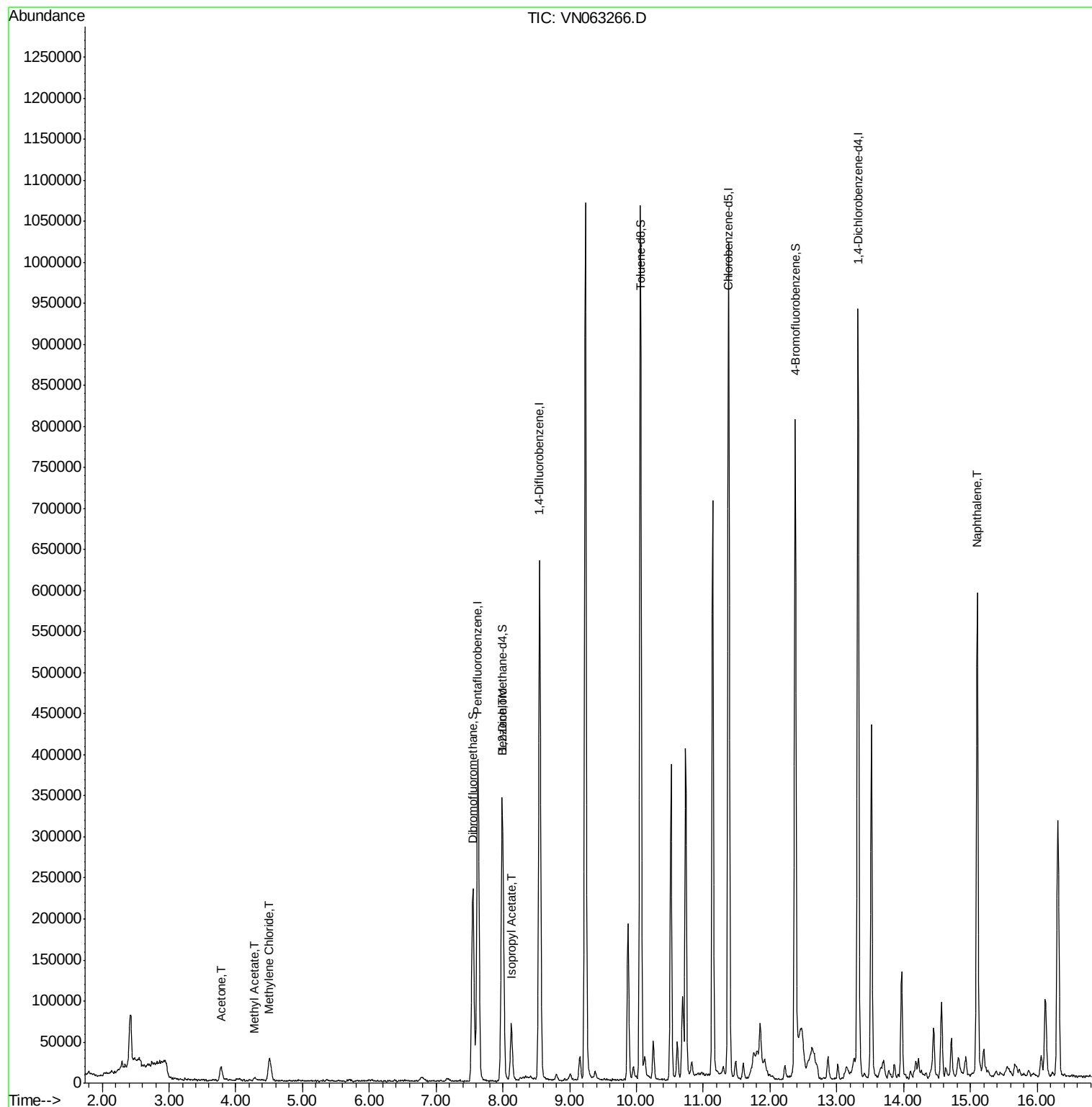
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
Data File : VN063266.D
Acq On : 5 Sep 2020 4:00
Operator : JC/MD
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ALS Vial : 38 Sample Multiplier: 1

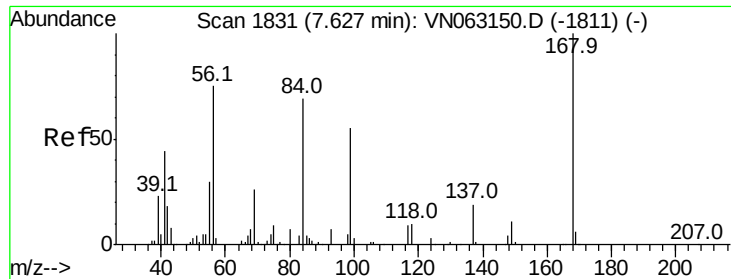
Instrument :
MSVOA_N
ClientSampleId :
TP-2

Manual Integrations
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Quant Time: Sep 07 02:36:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 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: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

TP-2

Tot Ion:168 Resp: 291817

Ion Ratio Lower Upper

168 100

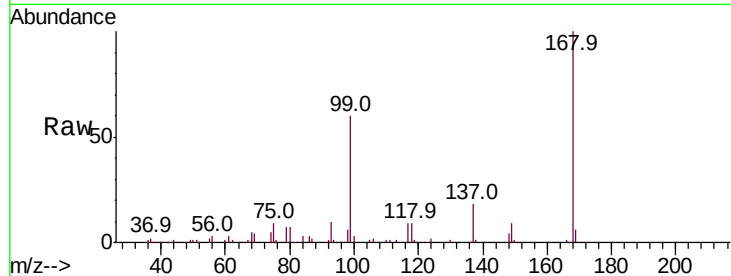
99 59.9 54.2 81.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

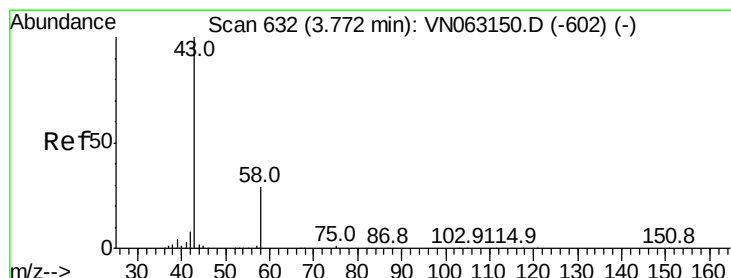
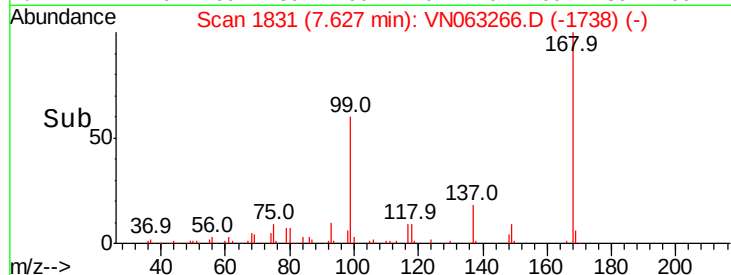
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.365 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063266.D

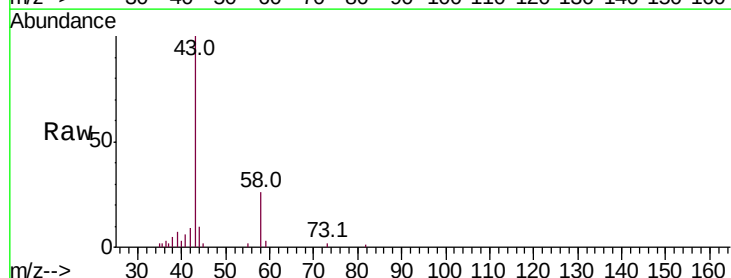
Acq: 5 Sep 2020 4:00

Tgt Ion: 43 Resp: 30329

Ion Ratio Lower Upper

43 100

58 26.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

12000

10000

8000

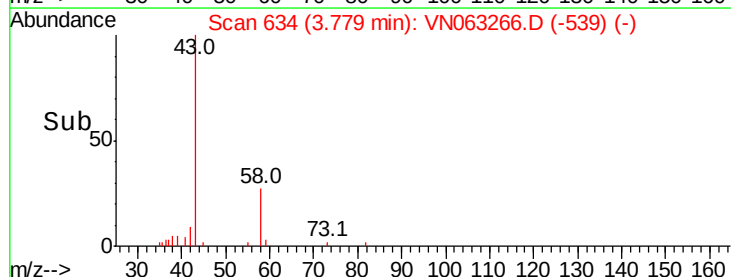
6000

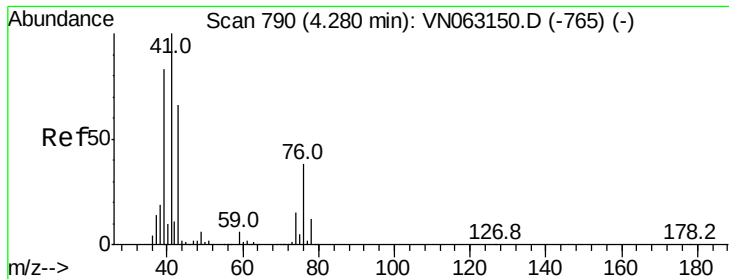
4000

2000

0

Time-->





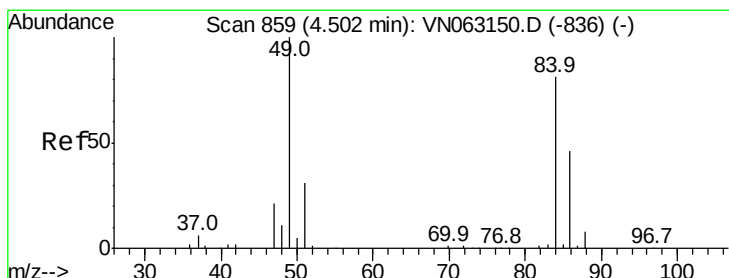
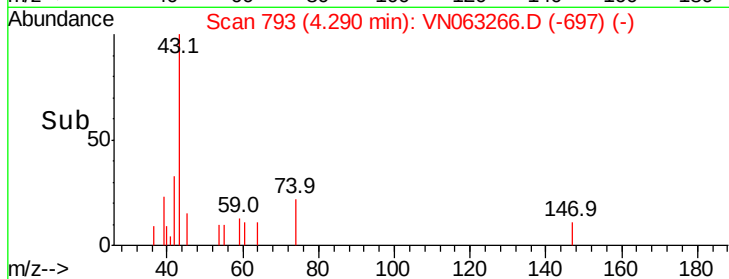
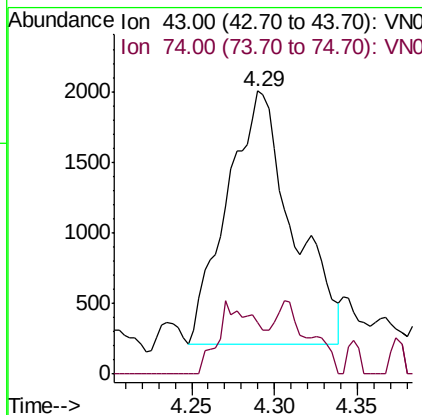
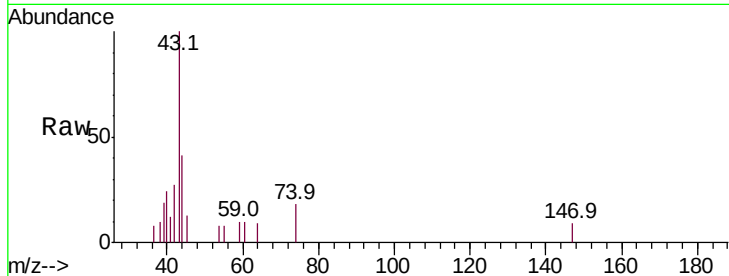
#18
Methyl Acetate
Concen: 1.418 ug/l m
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion: 43 Resp: 4930
Ion Ratio Lower Upper
43 100
74 15.2 19.0 28.6#

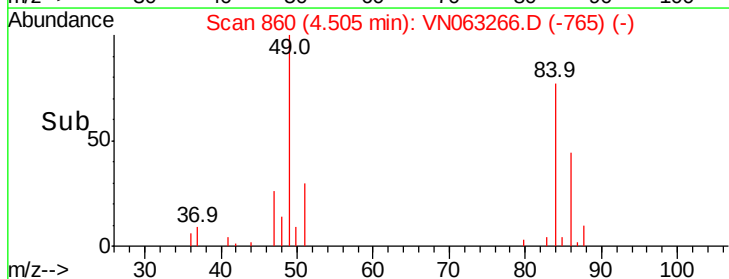
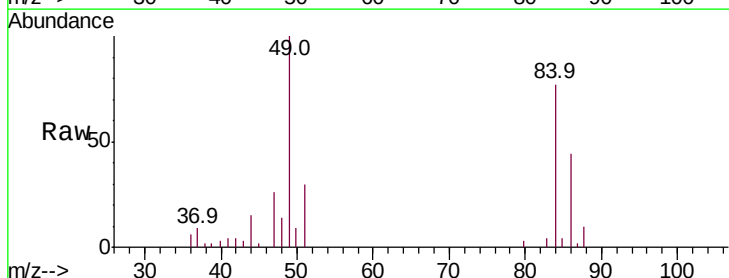
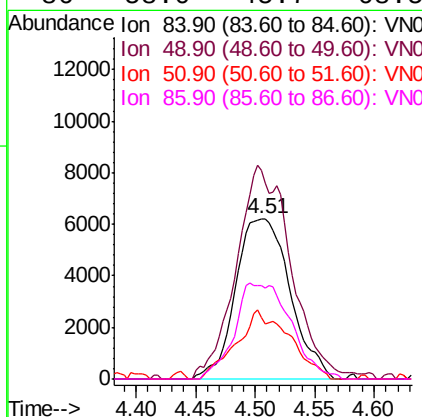
Manual Integrations
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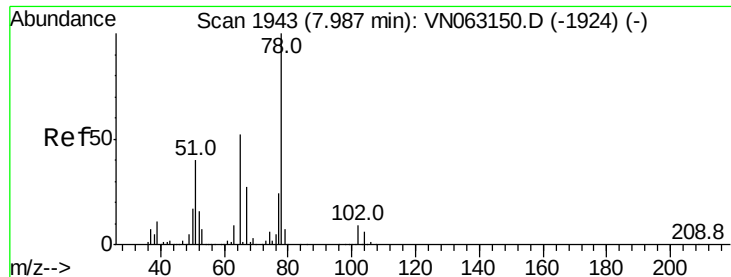
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#20
Methylene Chloride
Concen: 4.719 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Tgt Ion: 84 Resp: 19691
Ion Ratio Lower Upper
84 100
49 130.3 98.4 147.6
51 38.5 30.4 45.6
86 58.0 45.7 68.5





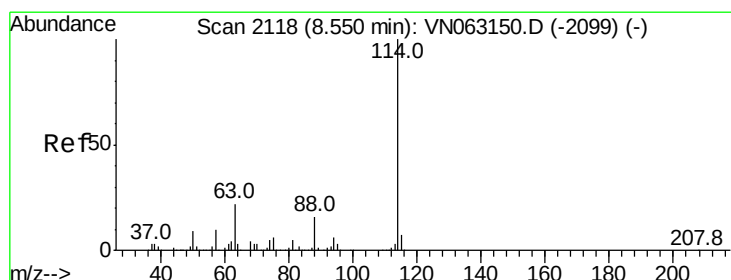
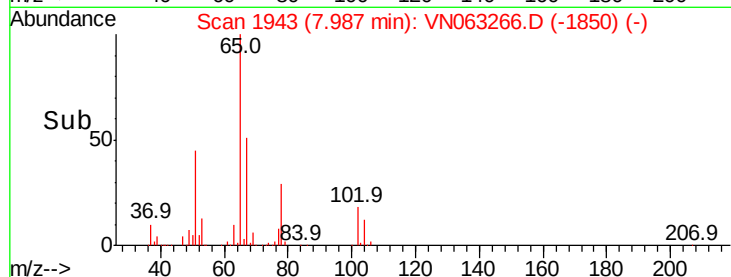
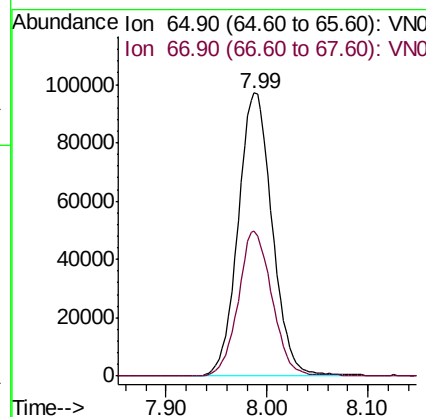
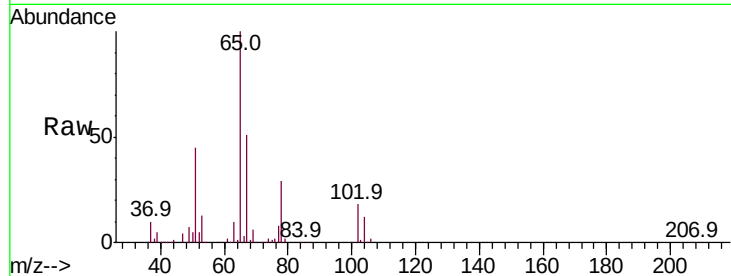
#33
 1,2-Dichloroethane-d4
 Concen: 47.692 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063266.D
 Acq: 5 Sep 2020 4:00

Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	227506		
67	51.0	0.0	104.4	

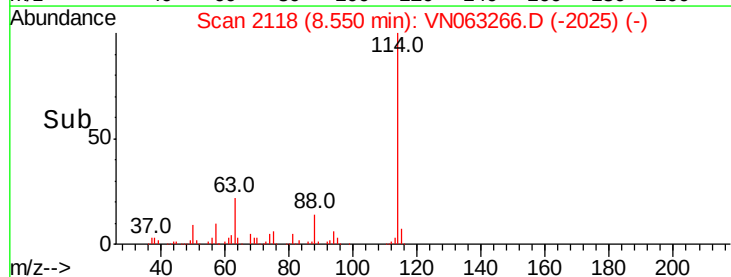
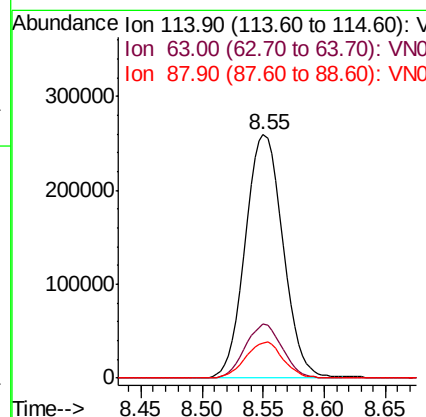
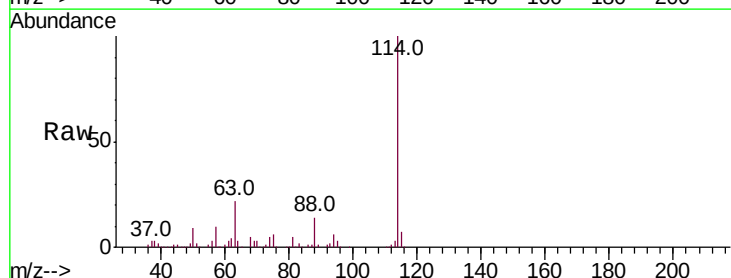
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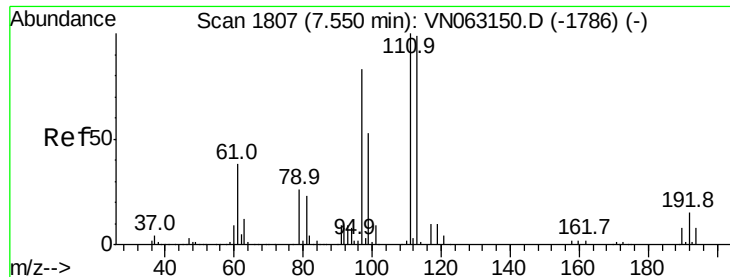
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063266.D
 Acq: 5 Sep 2020 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	554245		
63	22.1	0.0	43.0	
88	14.5	0.0	31.6	





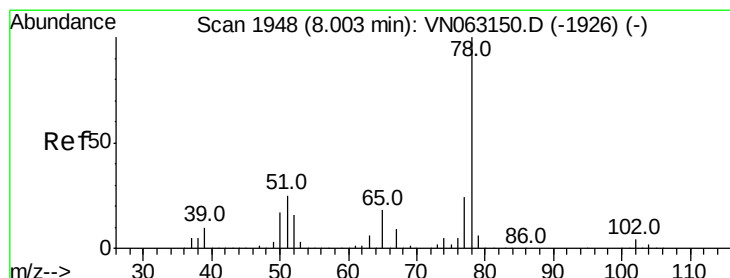
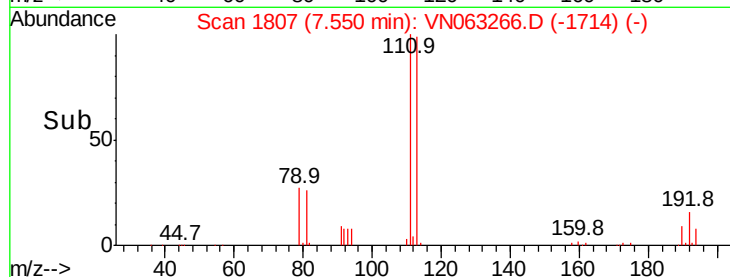
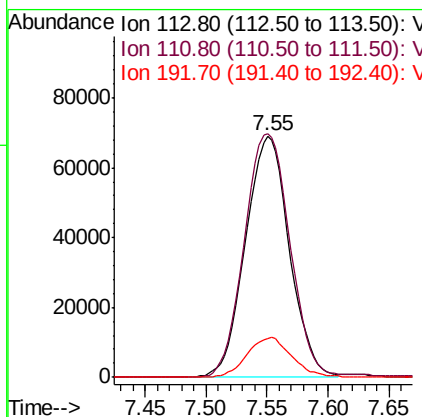
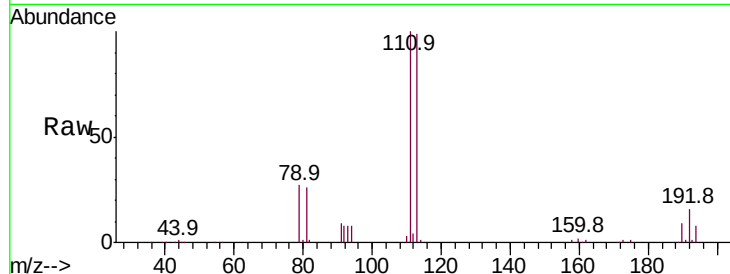
#35
Dibromofluoromethane
Concen: 48.445 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.7	121.1
192	16.9	12.6	19.0

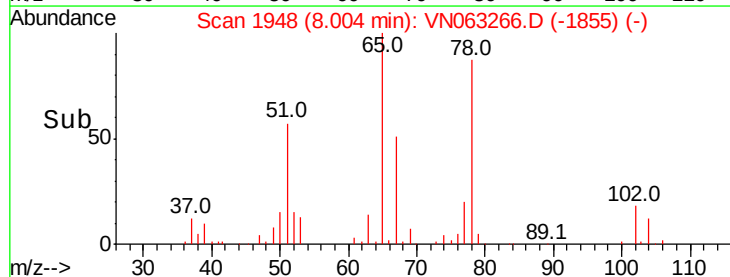
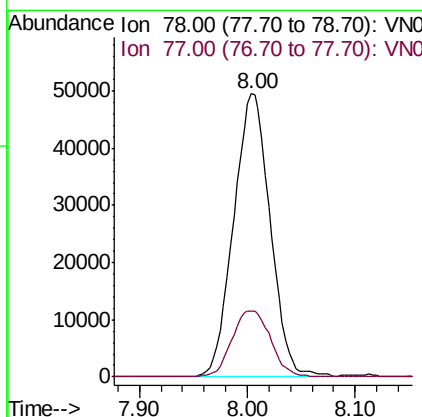
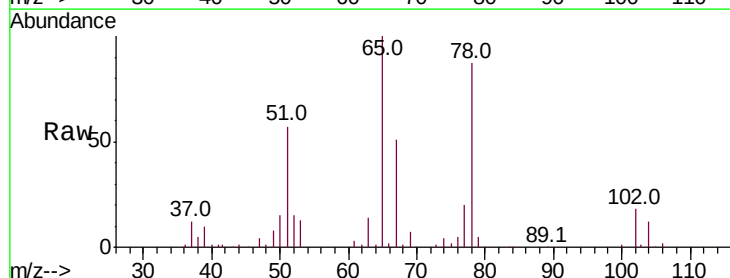
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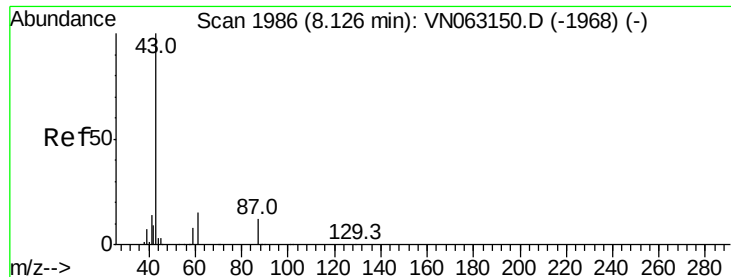
MMDadoda
9/8/2020 1:32:34 PM



#40
Benzene
Concen: 7.477 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#43

Isopropyl Acetate

Concen: 9.570 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

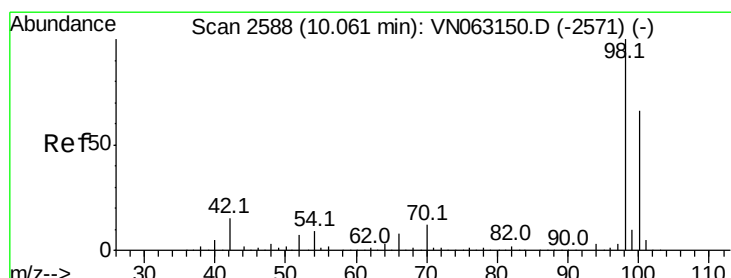
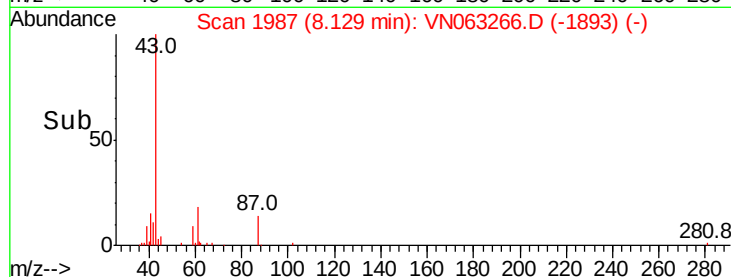
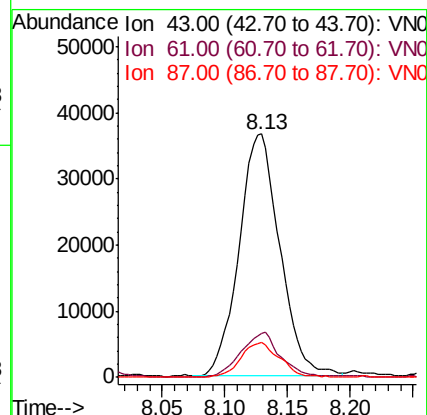
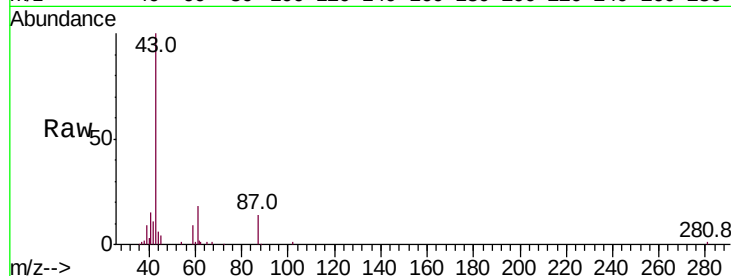
ClientSampleId :

TP-2

Tot Ion:	43	Resp:	83160
Ion	Ratio	Lower	Upper
43	100		
61	18.0	20.2	30.4#
87	13.8	9.8	14.6

Manual Integrations
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#50

Toluene-d8

Concen: 51.185 ug/l

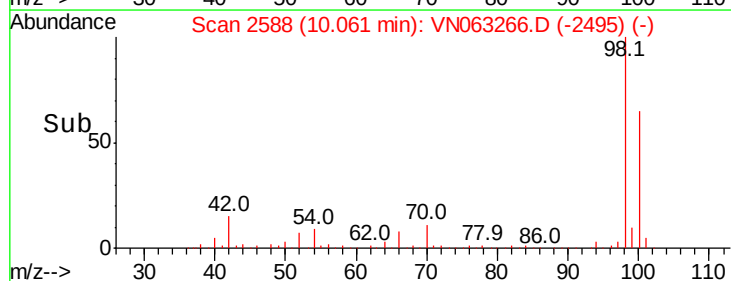
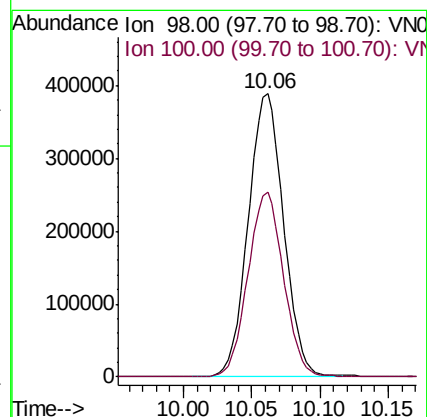
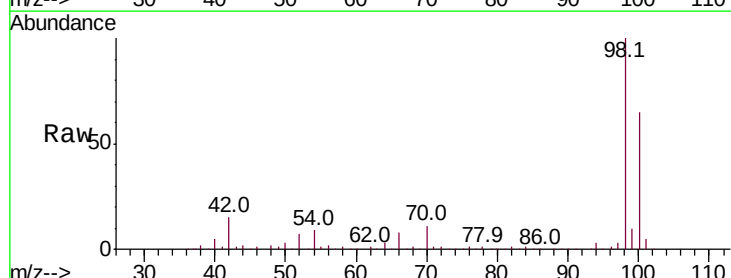
RT: 10.06 min Scan# 2588

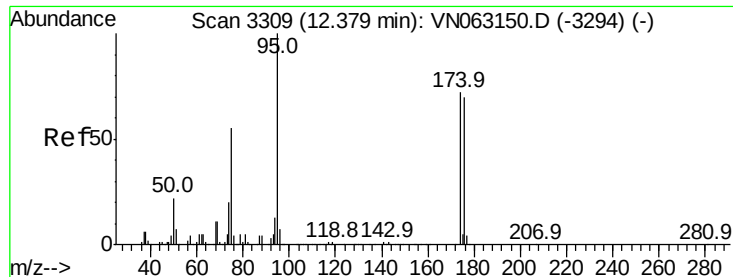
Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Tgt Ion:	98	Resp:	700529
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 52.764 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

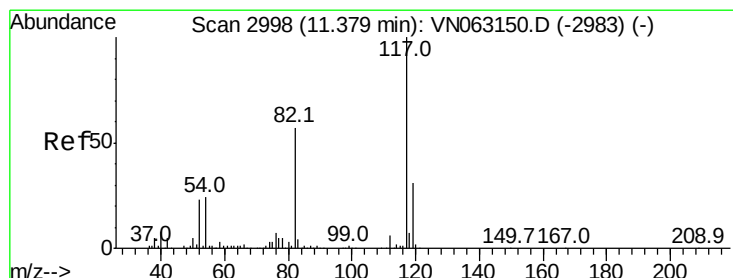
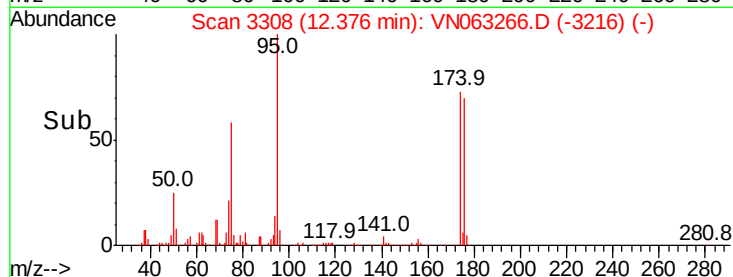
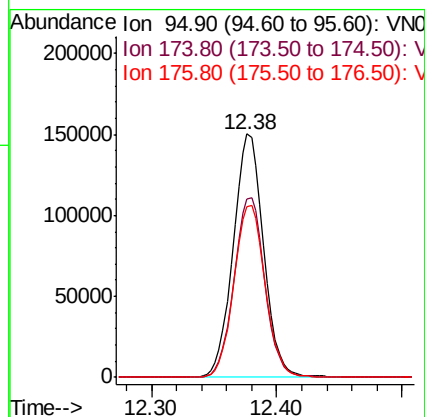
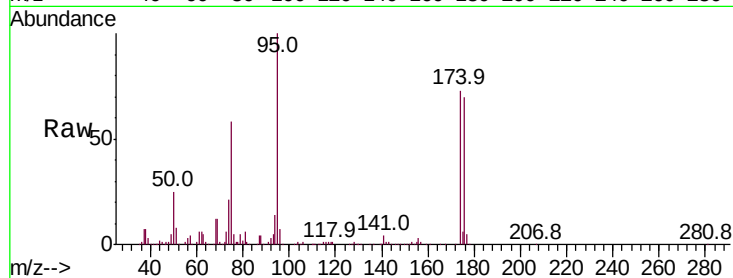
ClientSampled :

TP-2

Tot Ion:	95	Resp:	252607
Ion Ratio	Lower	Upper	
95	100		
174	74.5	0.0	143.8
176	72.7	0.0	138.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

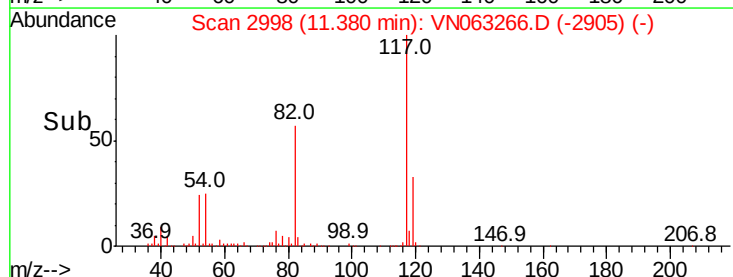
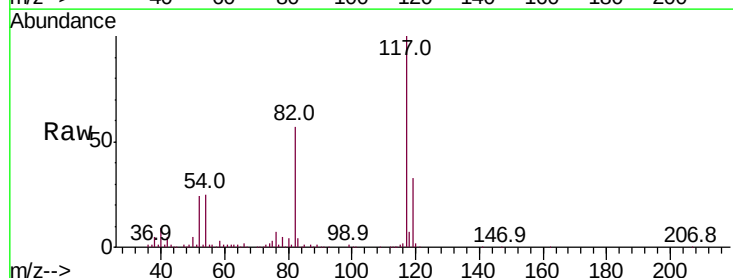
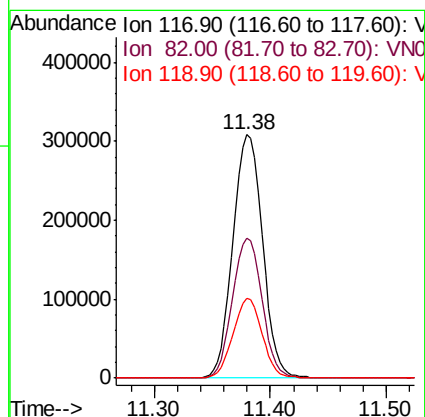
RT: 11.38 min Scan# 2998

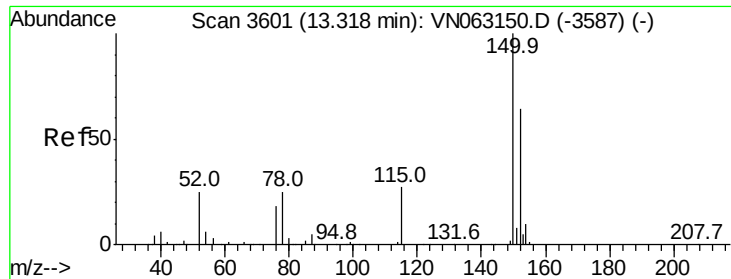
Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Tgt Ion:	117	Resp:	546848
Ion Ratio	Lower	Upper	
117	100		
82	57.3	45.4	68.0
119	32.8	24.6	37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

TP-2

Tot Ion:152 Resp: 221739

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.2

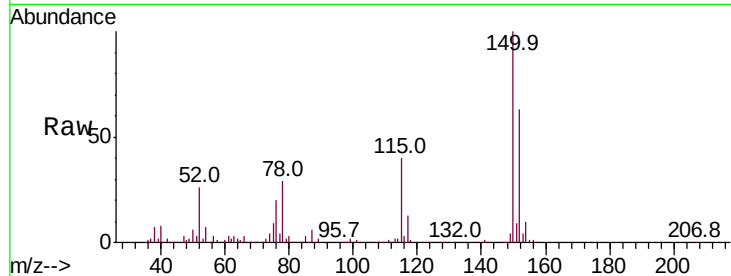
150 162.5 0.0 353.0

Manual Integrations

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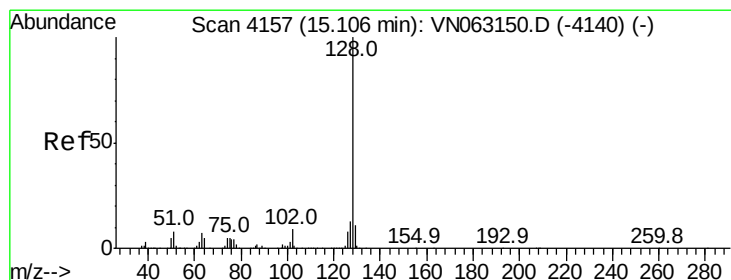
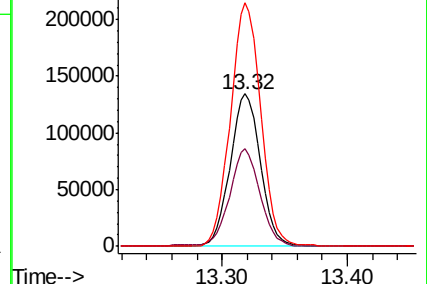
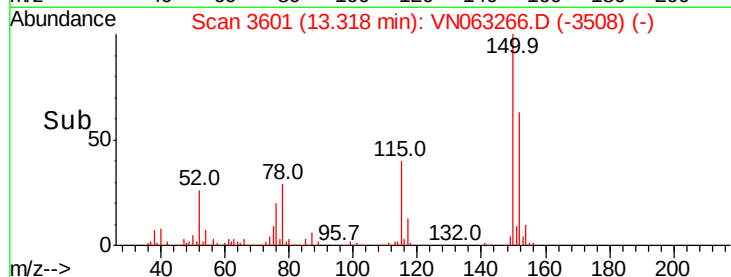
9/8/2020 1:32:34 PM



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



#95

Naphthalene

Concen: 38.049 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

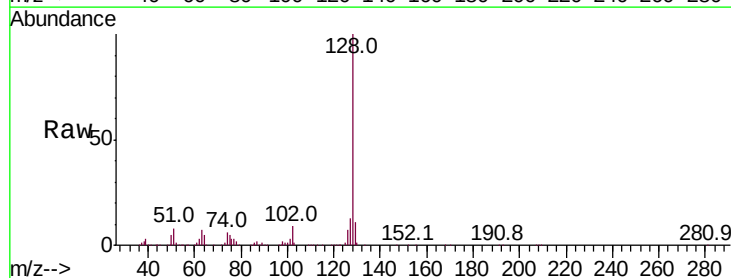
Tgt Ion:128 Resp: 486302

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

