

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064094.D
 Acq On : 12 Oct 2020 21:50
 Operator : JC/MD
 Sample : L4296-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31281

Manual Integrations
 APPROVED

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 10/13/2020 4:09:55 PM

Quant Time: Oct 13 02:55:53 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	7.62	168	234686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189283	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	7.55	113	141445	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
50) Toluene-d8	10.06	98	535147	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.38	95	224056	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
					Qvalue	
16) Acetone	3.77	43	435222	364.654	ug/l	99
25) 2-Butanone	6.79	43	39978m	23.626	ug/l	
39) Methylcyclohexane	9.05	83	8513	1.882	ug/l	89
40) Benzene	8.00	78	23633	1.824	ug/l	99
52) Toluene	10.12	92	29496	3.680	ug/l	95
67) Ethyl Benzene	11.48	91	16488	1.007	ug/l	94
68) m/p-Xylenes	11.59	106	26723	4.377	ug/l	97
69) o-Xylene	11.92	106	10825	1.897	ug/l	95
80) 1,3,5-Trimethylbenzene	12.71	105	14242	1.185	ug/l	94
84) 1,2,4-Trimethylbenzene	13.02	105	27360	2.279	ug/l	95
95) Naphthalene	15.10	128	15948	3.371	ug/l #	89

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

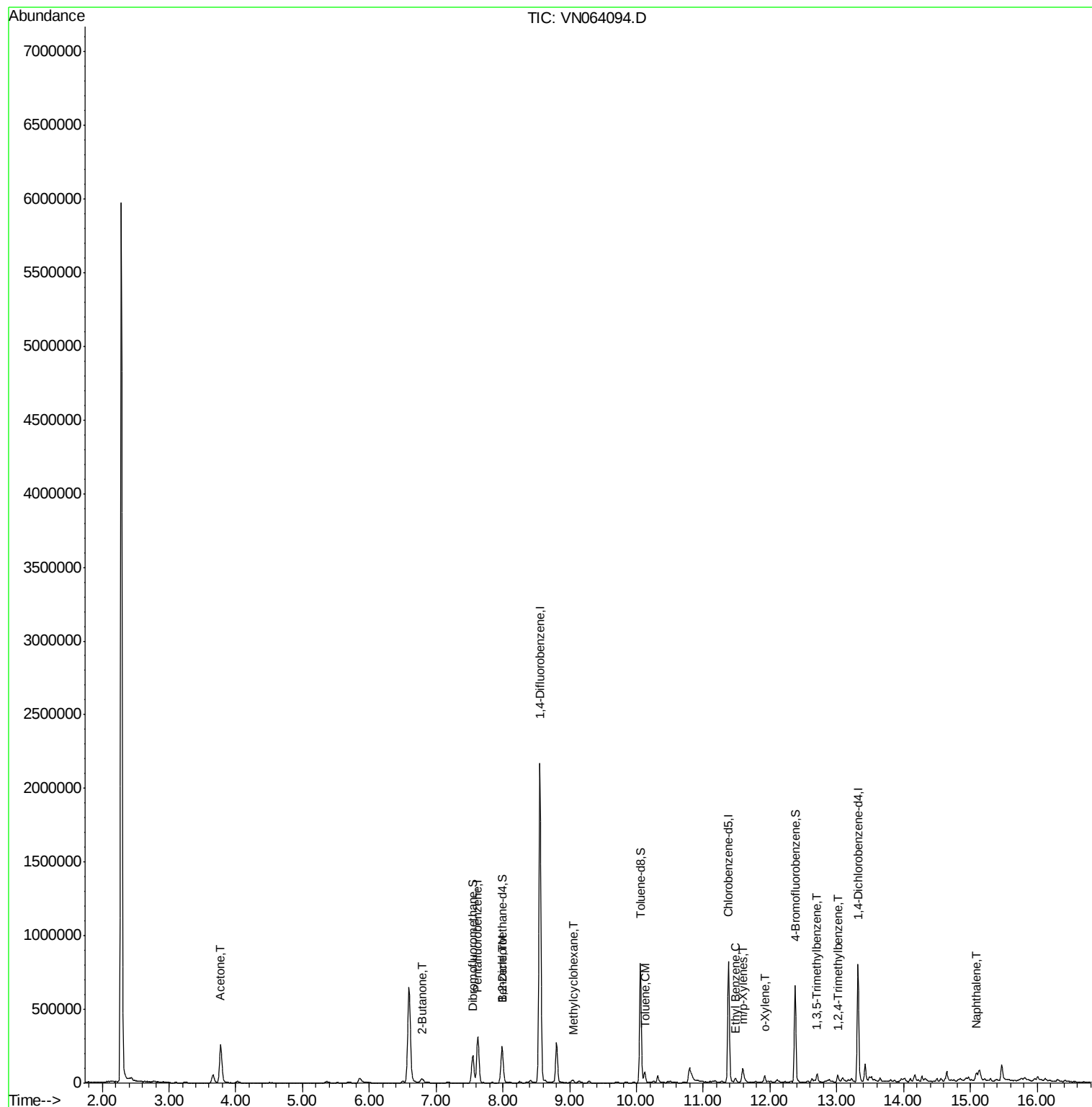
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101220\
Data File : VN064094.D
Acq On : 12 Oct 2020 21:50
Operator : JC/MD
Sample : L4296-02 10X
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31281

Manual Integrations
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Quant Time: Oct 13 02:55:53 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: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

31281

Tot Ion:168 Resp: 234686

Ion Ratio Lower Upper

168 100

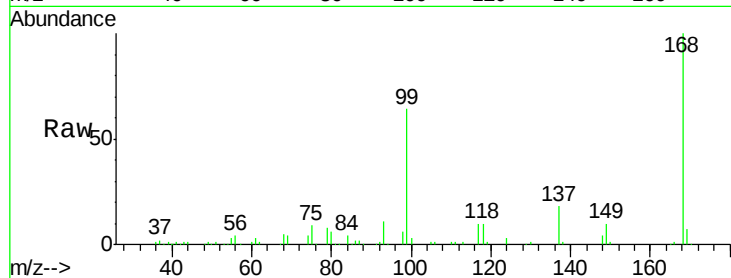
99 64.0 51.8 77.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

60000

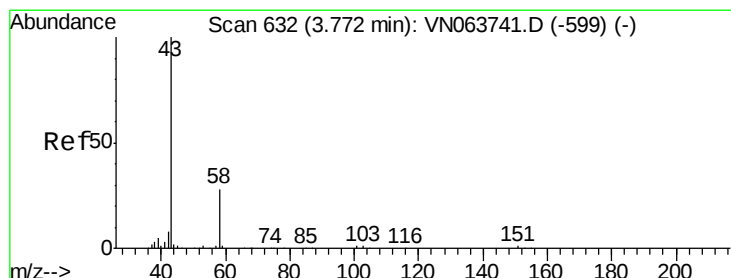
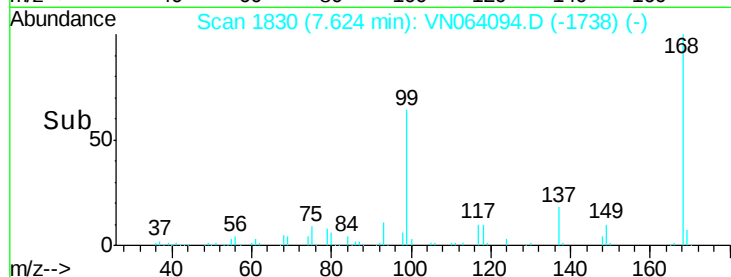
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 364.654 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064094.D

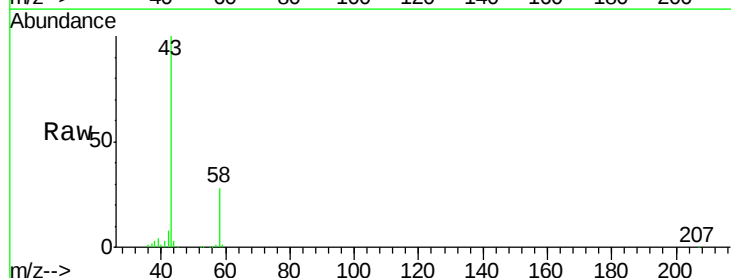
Acq: 12 Oct 2020 21:50

Tgt Ion: 43 Resp: 435222

Ion Ratio Lower Upper

43 100

58 28.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.77

200000

150000

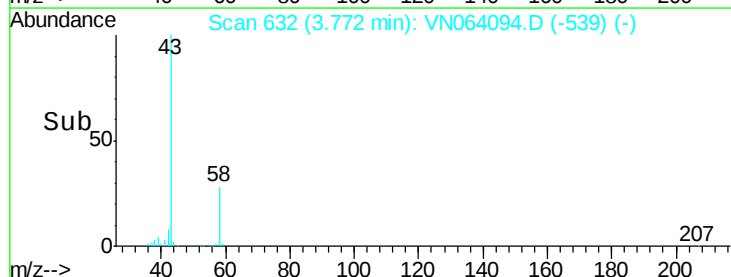
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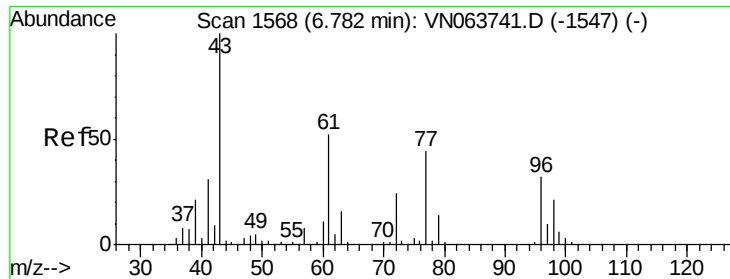
50000

0

3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 23.626 ug/l m

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

31281

Tot Ion: 43 Resp: 39978

Ion Ratio Lower Upper

43 100

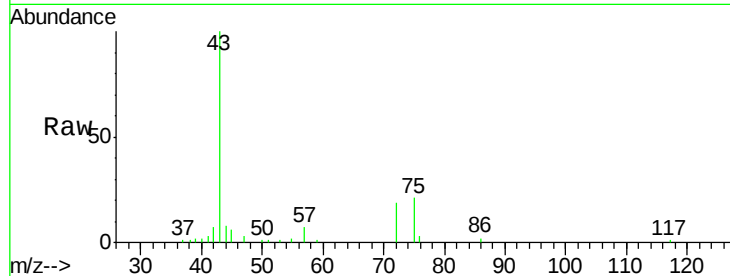
72 18.5 19.3 28.9#

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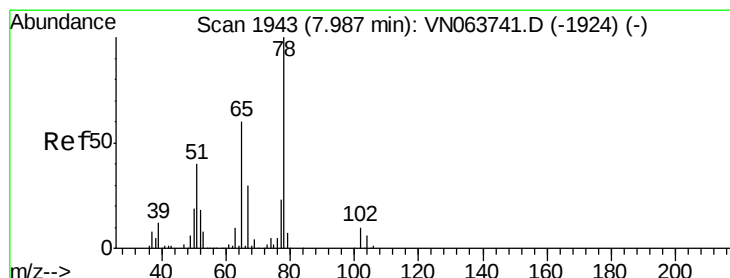
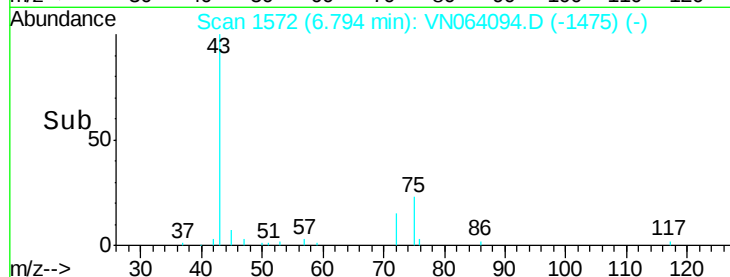
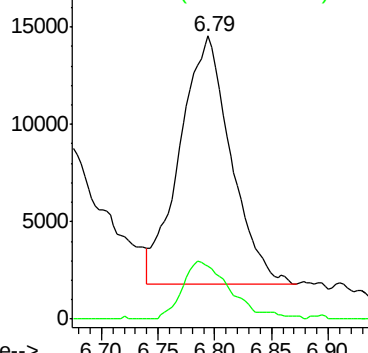
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.820 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064094.D

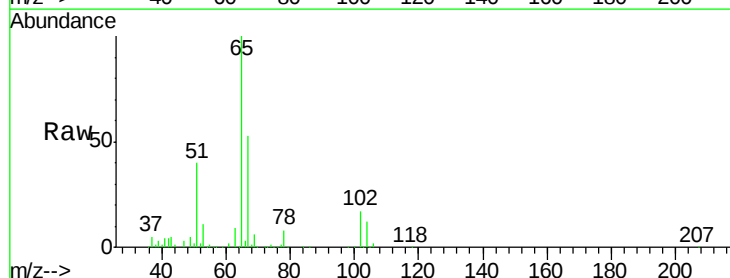
Acq: 12 Oct 2020 21:50

Tgt Ion: 65 Resp: 189283

Ion Ratio Lower Upper

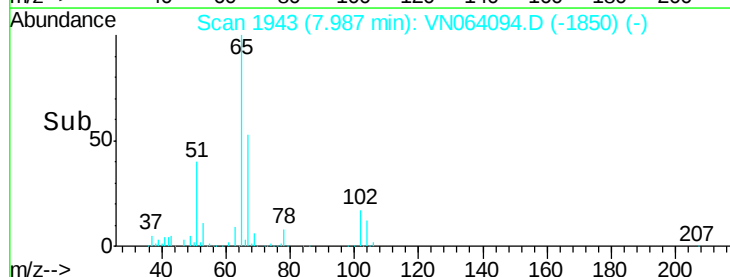
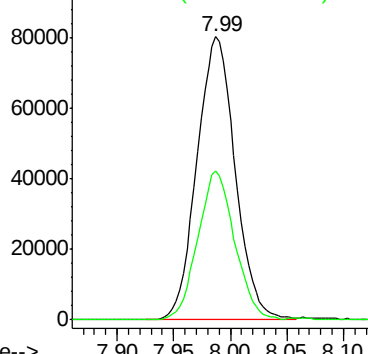
65 100

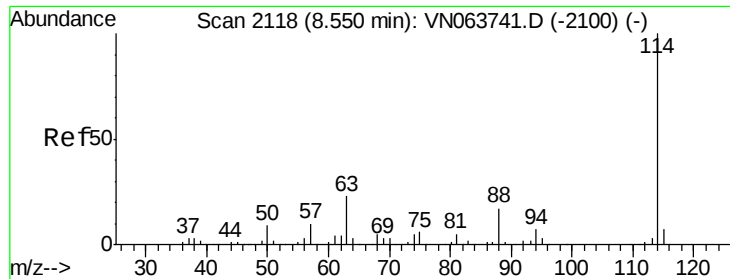
67 50.7 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





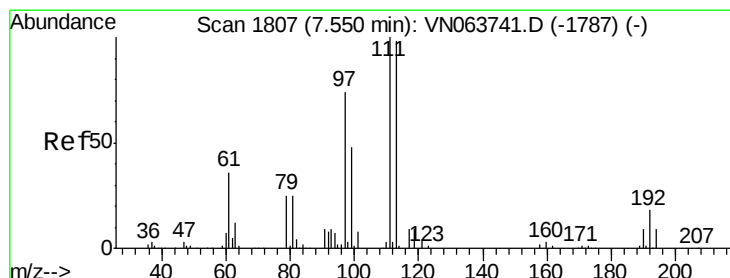
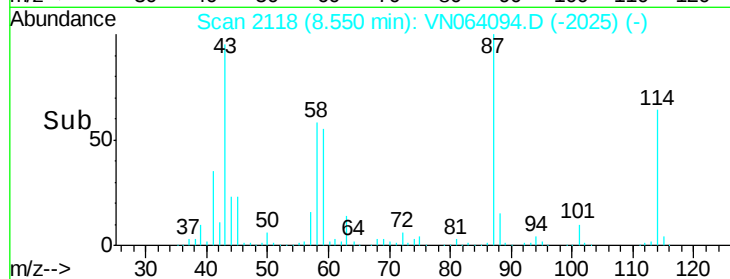
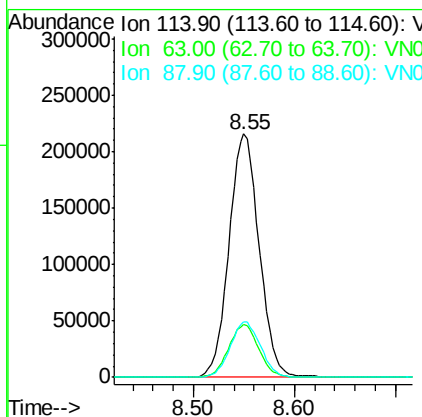
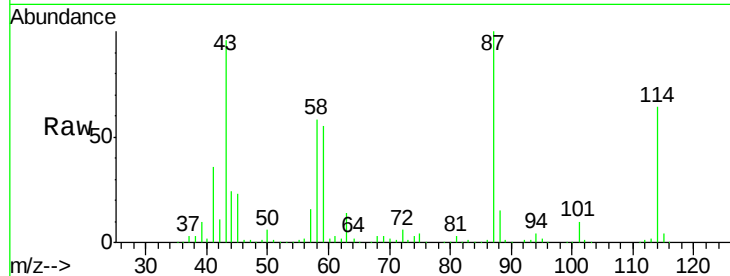
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

Instrument :
 MSVOA_N
 ClientSampled :
 31281

Tot Ion	Ion	Ratio	Resp	Lower	Upper
447818	114	100			
	63	21.8	0.0	45.0	
	88	23.0	0.0	34.0	

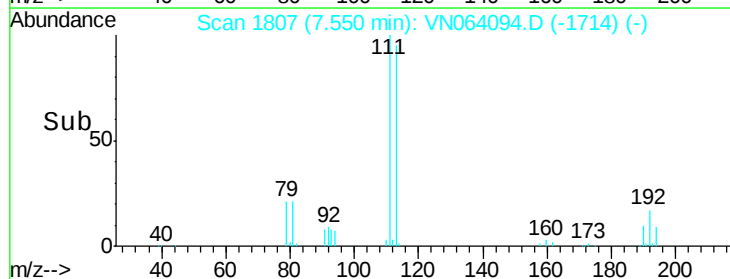
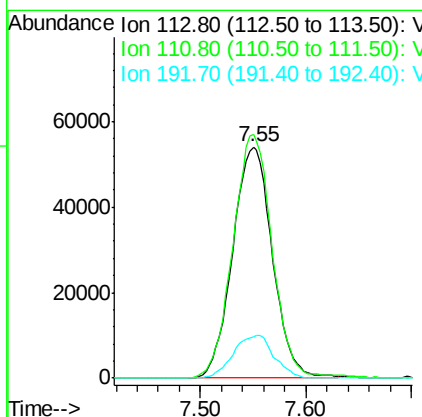
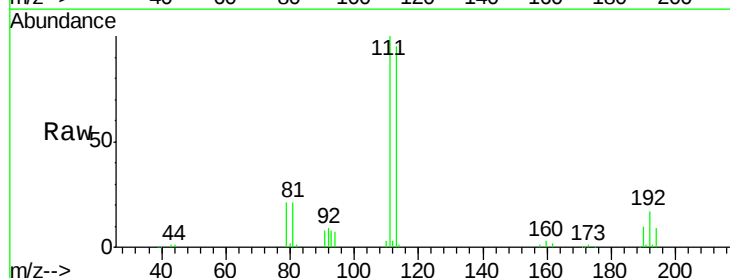
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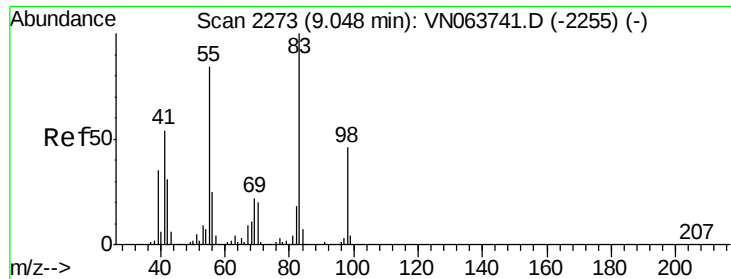
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#35
 Dibromofluoromethane
 Concen: 45.520 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
141445	113	100			
	111	103.7	81.8	122.8	
	192	18.9	14.2	21.2	





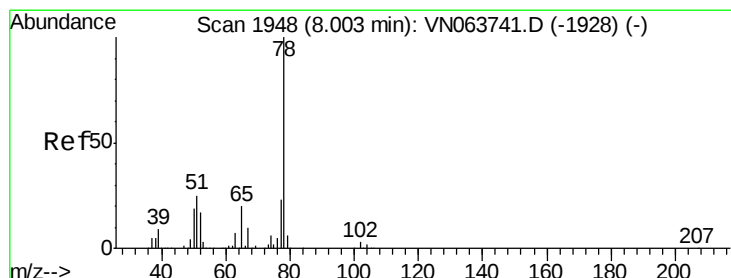
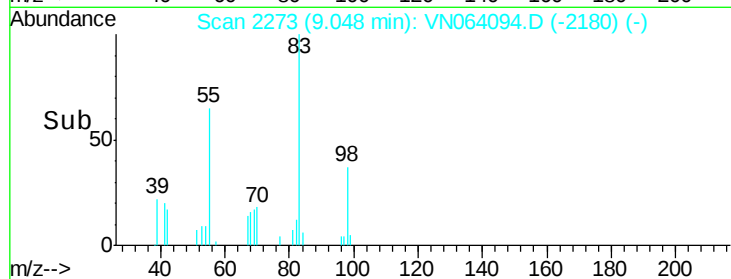
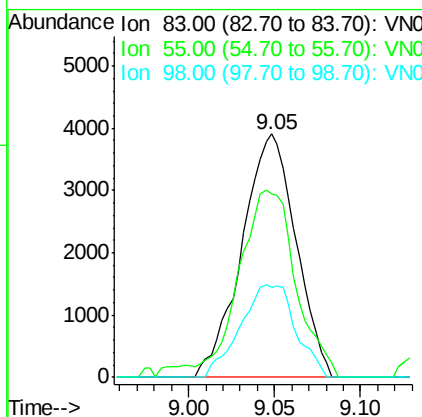
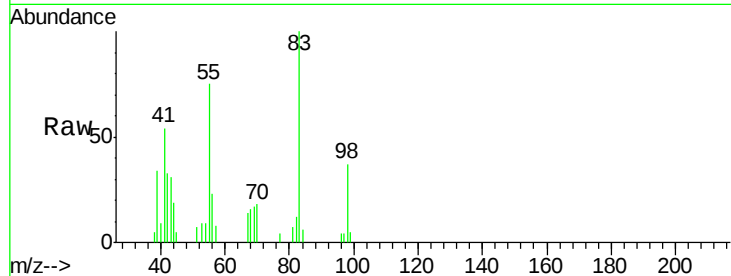
#39
Methvlcvclohexane
Concen: 1.882 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Instrument :
MSVOA_N
ClientSampled :
31281

Tot Ion	83	Resp	8513
Ion Ratio	Lower	Upper	
83	100		
55	75.2	67.1	100.7
98	37.1	36.6	54.8

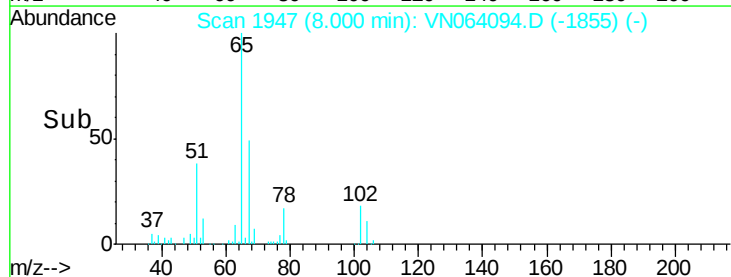
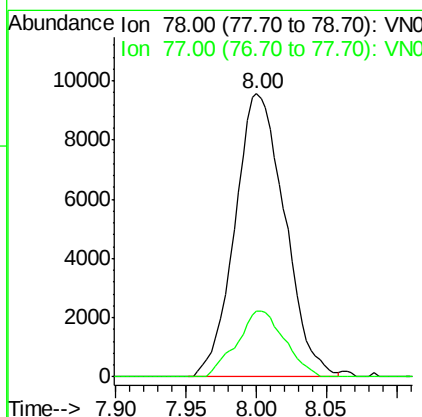
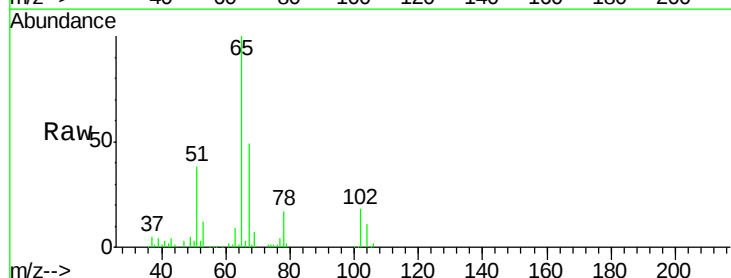
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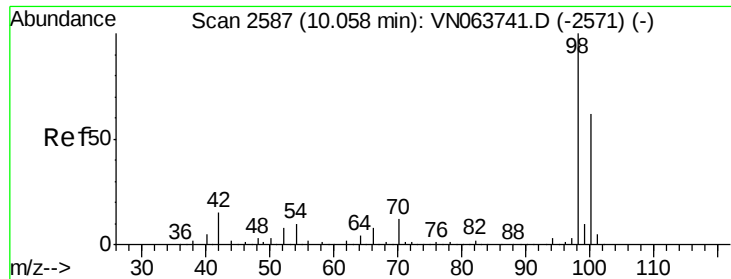
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#40
Benzene
Concen: 1.824 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Tgt Ion	78	Resp	23633
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.7	28.1





#50

Toluene-d8

Concen: 45.431 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

31281

Tot Ion: 98 Resp: 535147

Ion Ratio Lower Upper

98 100

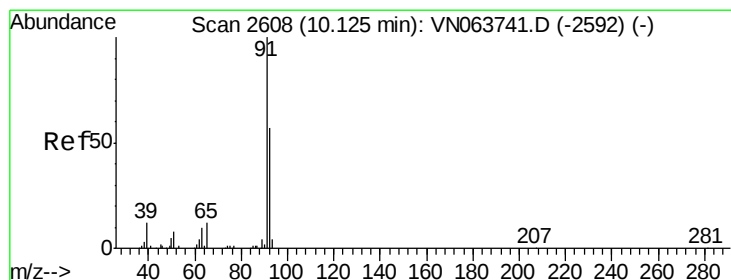
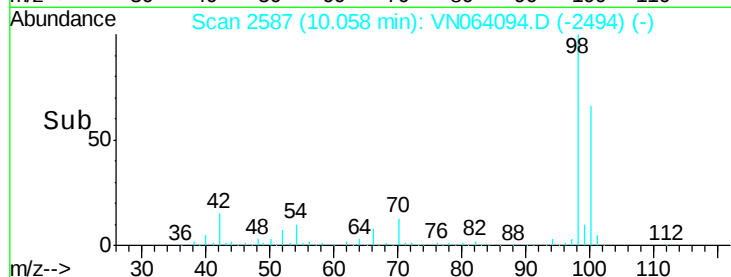
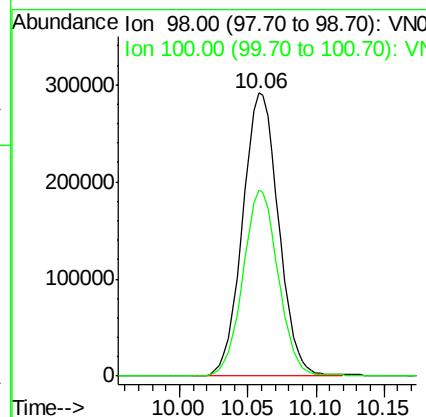
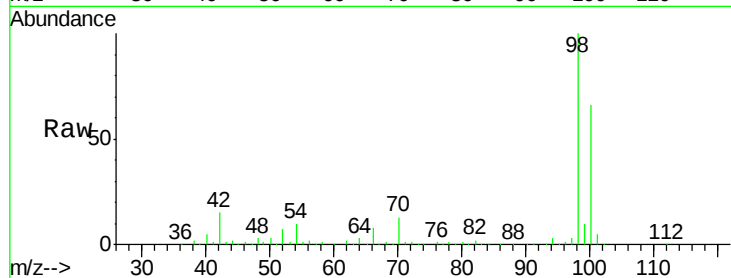
100 64.3 49.8 74.6

Manual Integrations

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#52

Toluene

Concen: 3.680 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064094.D

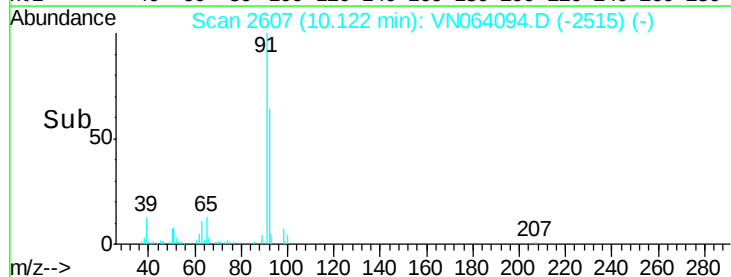
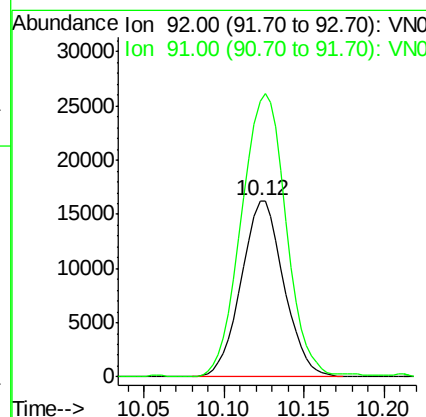
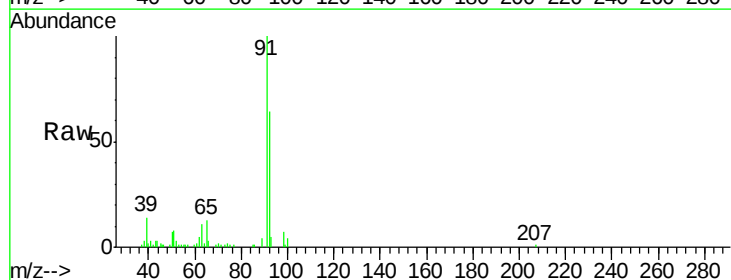
Acq: 12 Oct 2020 21:50

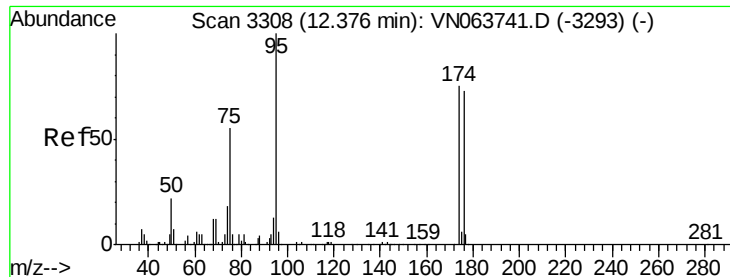
Tgt Ion: 92 Resp: 29496

Ion Ratio Lower Upper

92 100

91 168.6 140.6 210.8





#62

4-Bromofluorobenzene

Concen: 50.600 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

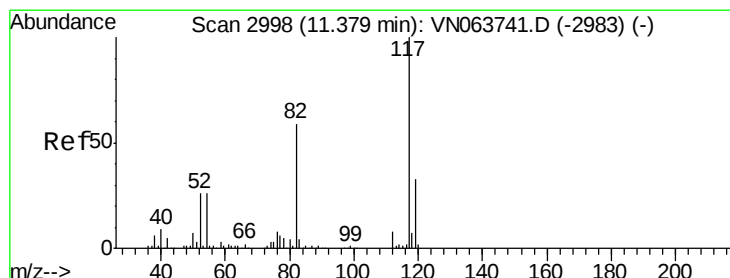
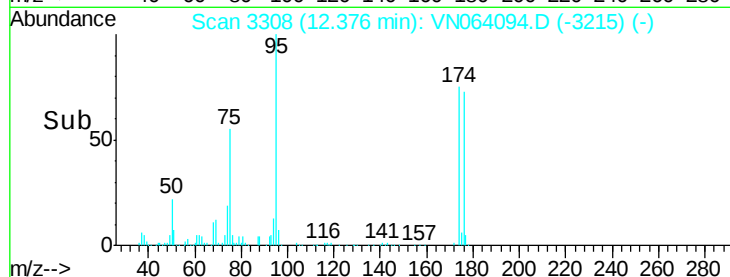
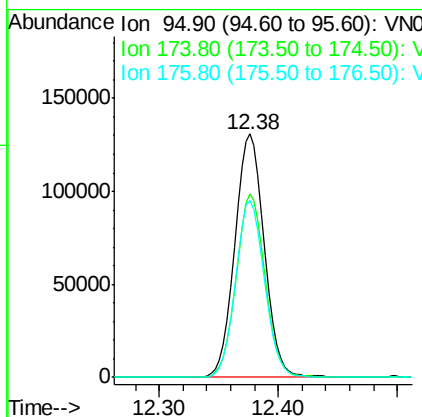
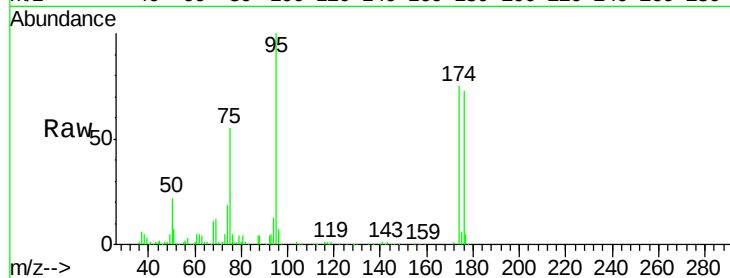
MSVOA_N

ClientSampled :
31281

Tot Ion:	95	Resp:	224056
Ion Ratio	Lower	Upper	
95	100		
174	73.8	0.0	150.6
176	71.5	0.0	145.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

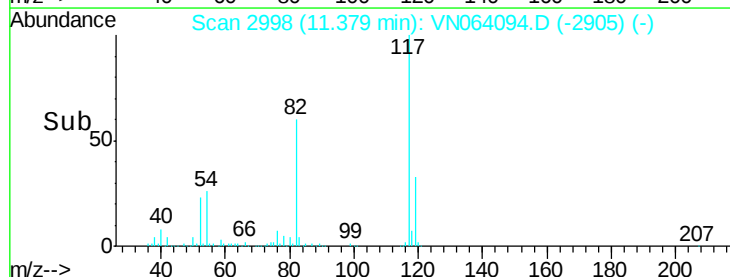
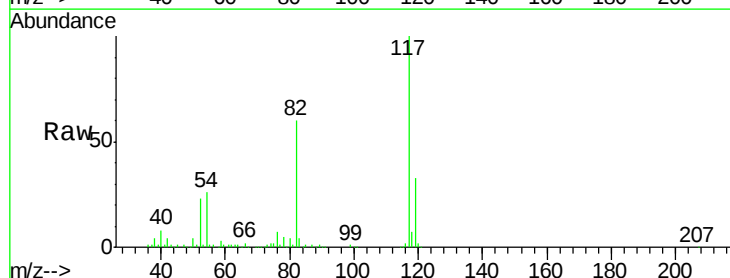
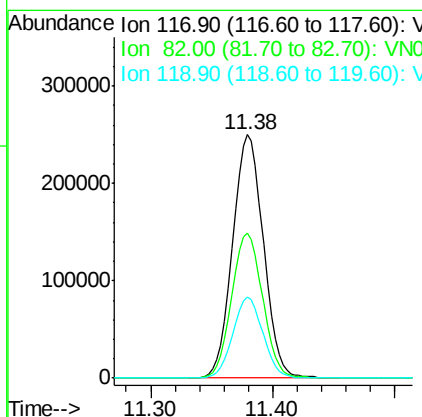
RT: 11.38 min Scan# 2998

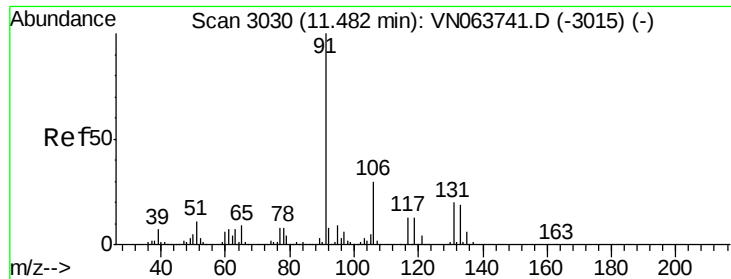
Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Tgt Ion:	117	Resp:	438823
Ion Ratio	Lower	Upper	
117	100		
82	59.8	47.4	71.2
119	33.0	26.4	39.6





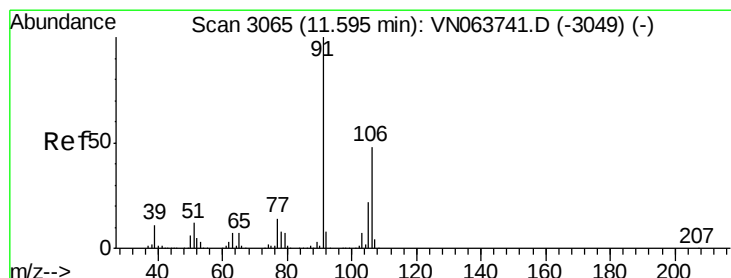
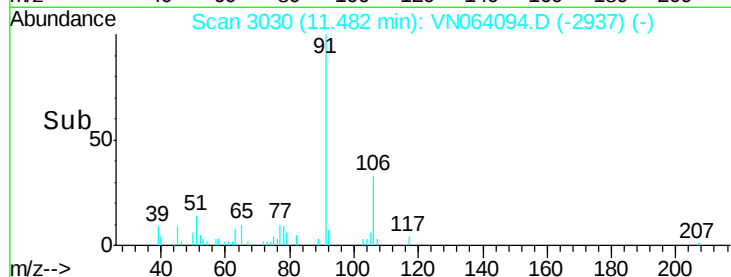
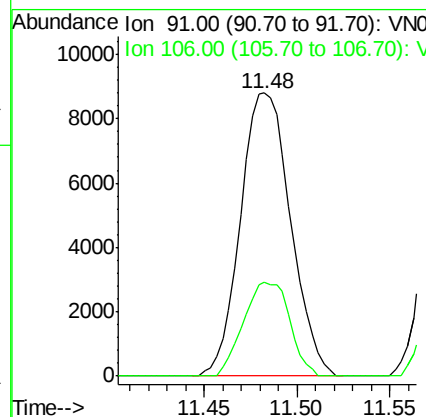
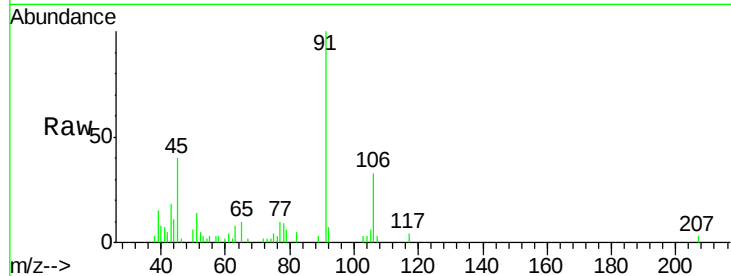
#67
Ethyl Benzene
Concen: 1.007 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Instrument :
MSVOA_N
ClientSampled :
31281

Tot Ion: 91 Resp: 16488
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.2

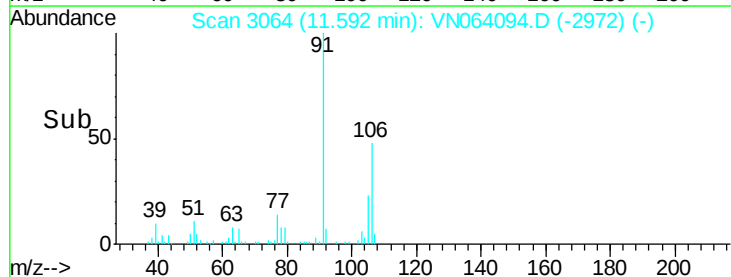
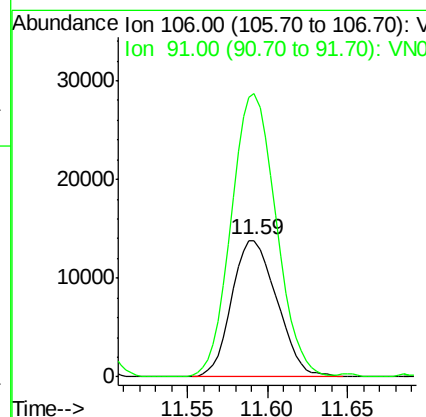
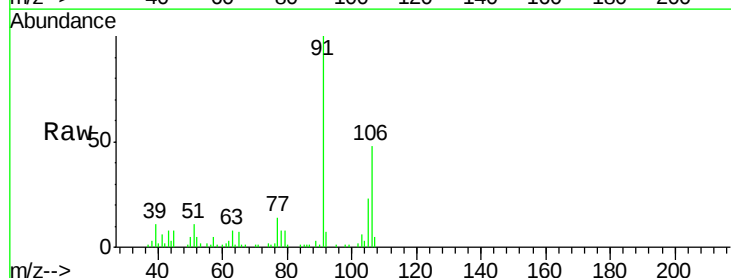
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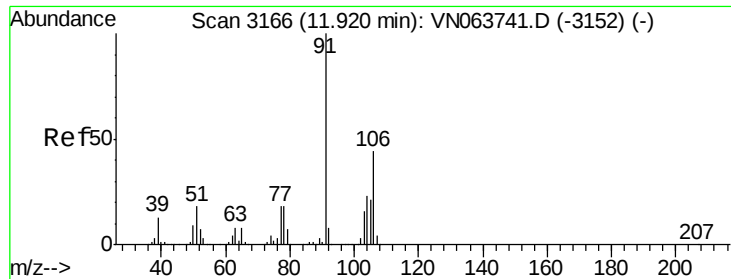
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10/13/2020 4:09:55 PM



#68
m/p-Xylenes
Concen: 4.377 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Tgt Ion: 106 Resp: 26723
Ion Ratio Lower Upper
106 100
91 205.5 168.0 252.0





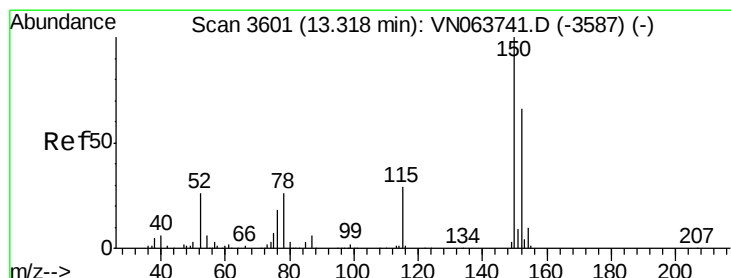
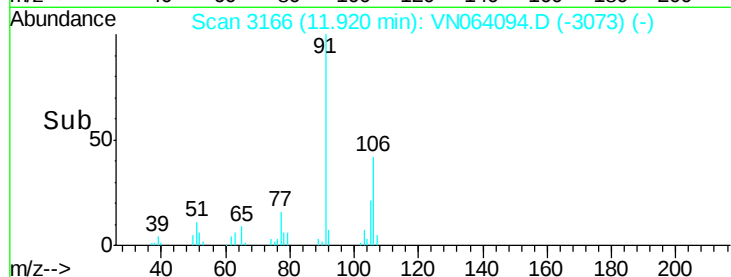
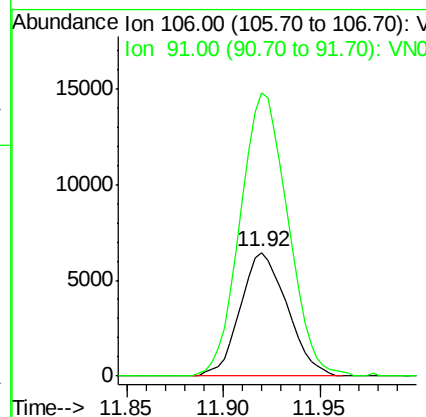
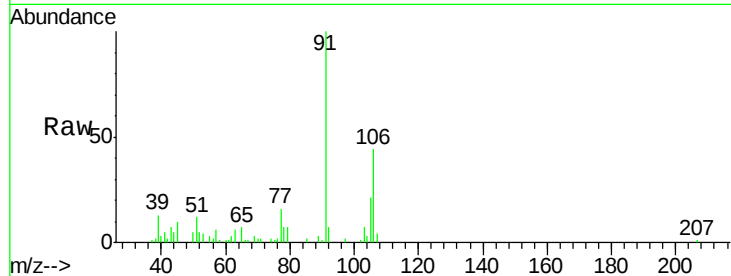
#69
o-Xylene
Concen: 1.897 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Instrument :
MSVOA_N
ClientSampled :
31281

Tot Ion:106 Resp: 10825
Ion Ratio Lower Upper
106 100
91 233.9 112.7 338.0

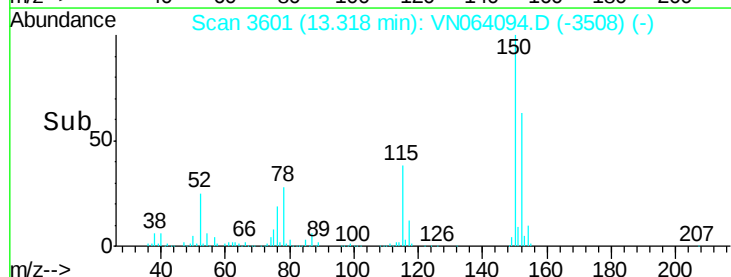
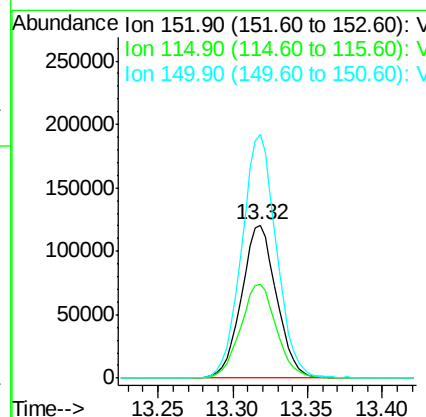
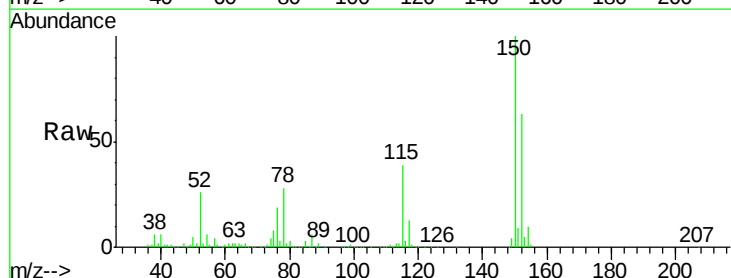
Manual Integrations
APPROVED

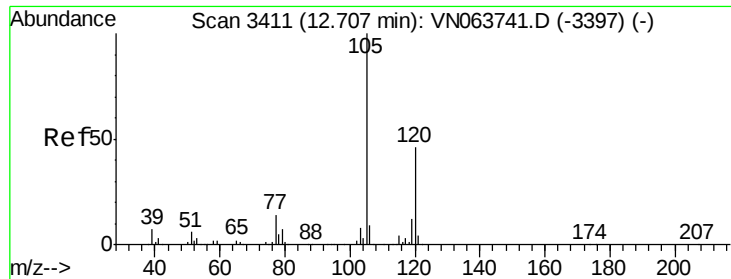
MMDadoda
10/13/2020 4:09:55 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Tgt Ion:152 Resp: 196482
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 158.1 0.0 341.8





#80

1,3,5-Trimethylbenzene

Concen: 1.185 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

31281

Tot Ion:105 Resp: 14242

Ion Ratio Lower Upper

105 100

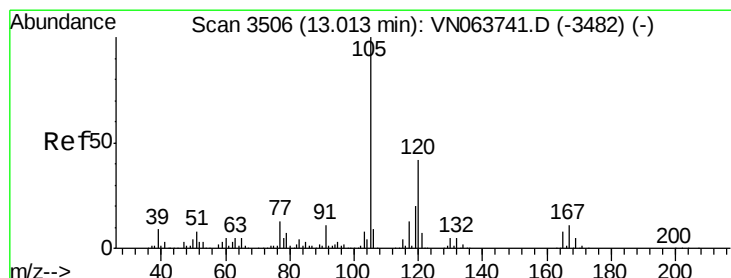
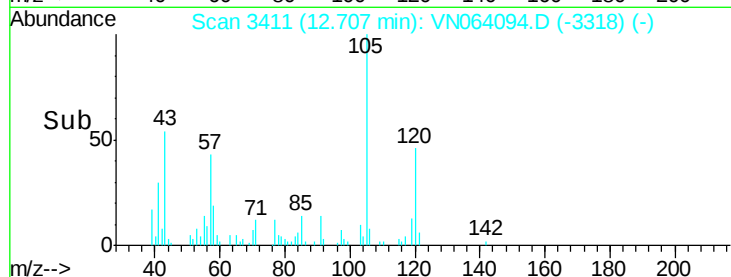
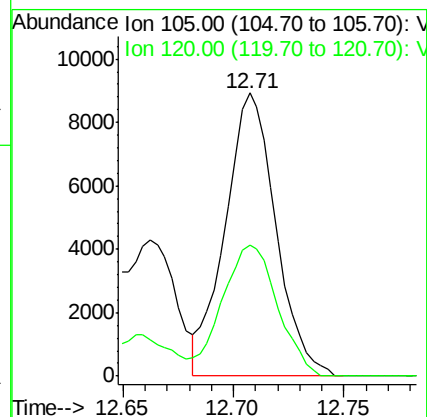
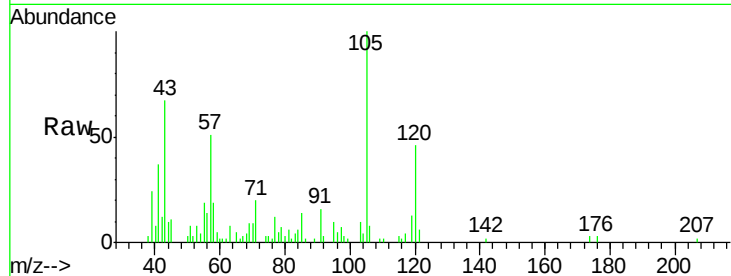
120 50.9 23.3 69.9

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 2.279 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064094.D

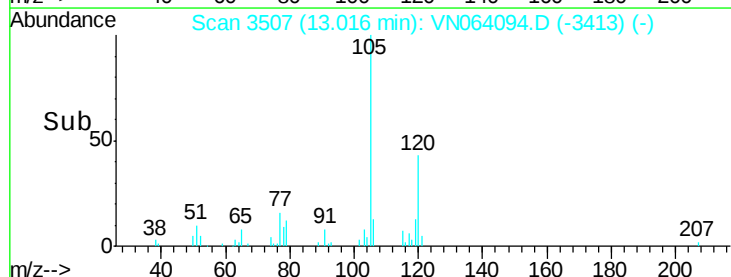
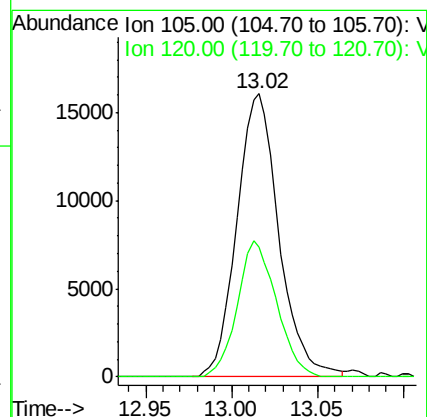
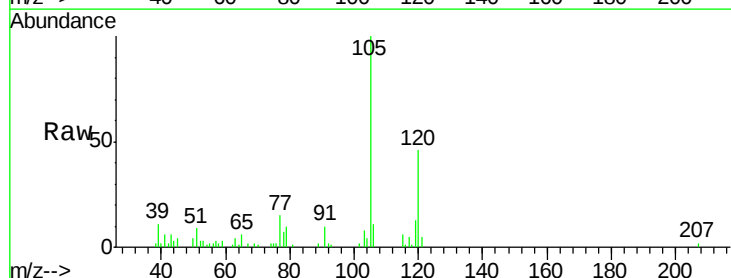
Acq: 12 Oct 2020 21:50

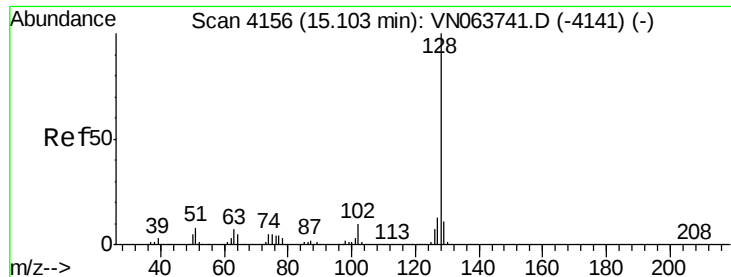
Tgt Ion:105 Resp: 27360

Ion Ratio Lower Upper

105 100

120 44.7 20.9 62.7





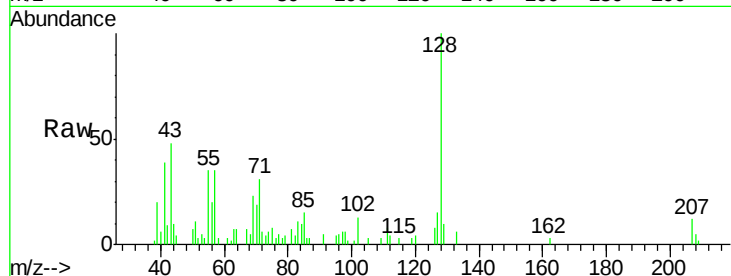
#95
Naphthalene
Concen: 3.371 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Instrument :
MSVOA_N
ClientSampled :
31281

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.5	15.7#
129	15.6	8.7	13.1#

Manual Integrations
APPROVED

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10/13/2020 4:09:55 PM



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

