

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092120\
 Data File : VN063494.D
 Acq On : 21 Sep 2020 18:32
 Operator : JC/MD
 Sample : L4033-19ME
 Misc : 5.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 51-53ME

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:07:18 PM

Quant Time: Sep 22 08:02:42 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	7.62	168	255687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	470002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	453918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	199373	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.55	113	146186	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	10.06	98	601203	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.38	95	235922	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	22566	16.132	ug/l	91
17) Carbon Disulfide	3.99	76	14990	1.786	ug/l #	92
25) 2-Butanone	6.79	43	11312m	5.258	ug/l	
31) Cyclohexane	7.61	56	27896	4.641	ug/l #	83
39) Methylcyclohexane	9.04	83	51660	9.506	ug/l	96
40) Benzene	8.00	78	328565	22.987	ug/l	100
52) Toluene	10.13	92	408023	47.478	ug/l	99
67) Ethyl Benzene	11.48	91	164665	9.075	ug/l	98
68) m/p-Xylenes	11.59	106	272513	41.654	ug/l	98
69) o-Xylene	11.92	106	101696	16.318	ug/l	98
78) n-propylbenzene	12.57	91	37355	1.882	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	77956	5.487	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	158685	11.057	ug/l	100
95) Naphthalene	15.10	128	595467	43.836	ug/l	99

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

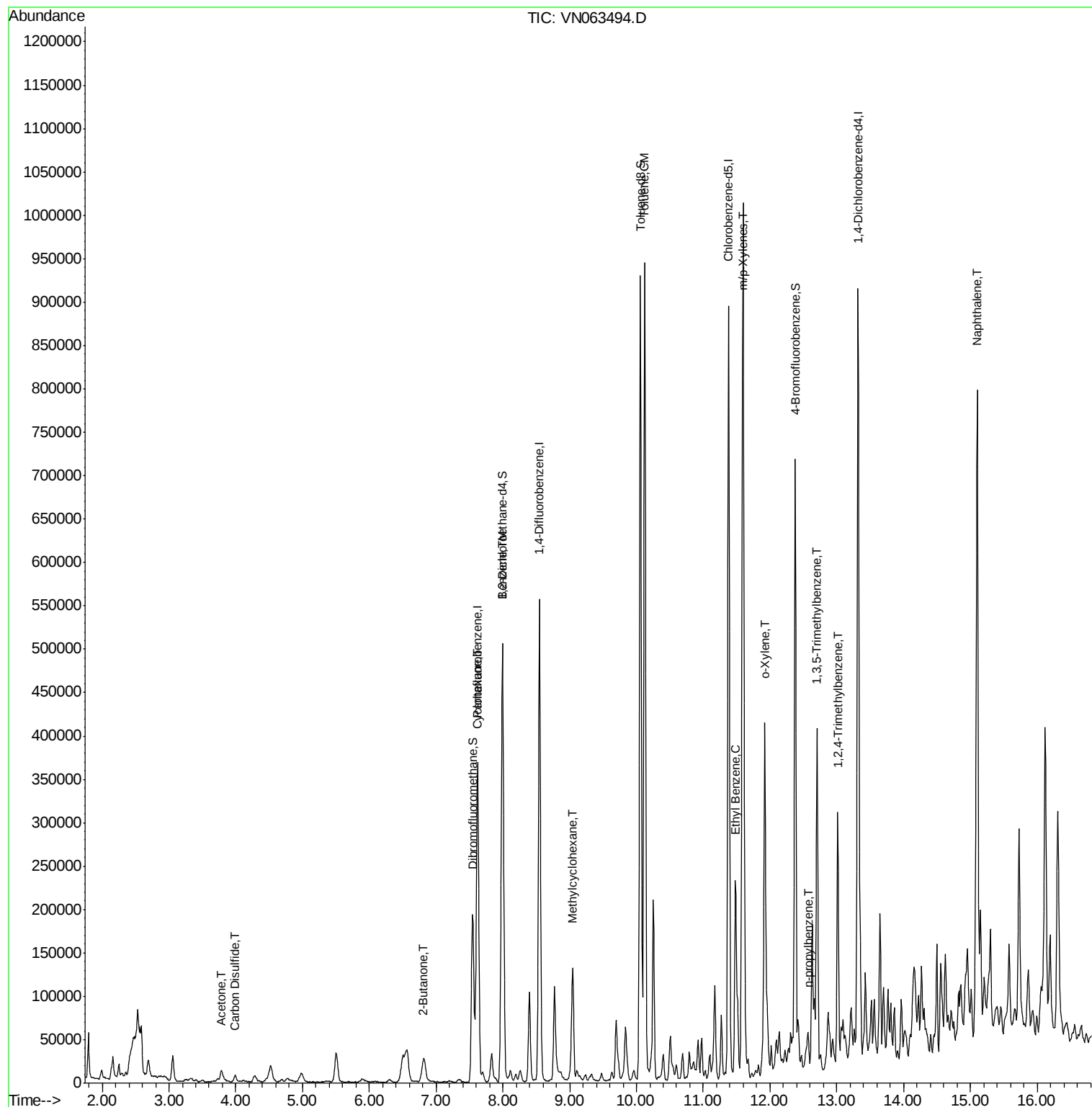
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063494.D
Acq On : 21 Sep 2020 18:32
Operator : JC/MD
Sample : L4033-19ME
Misc : 5.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

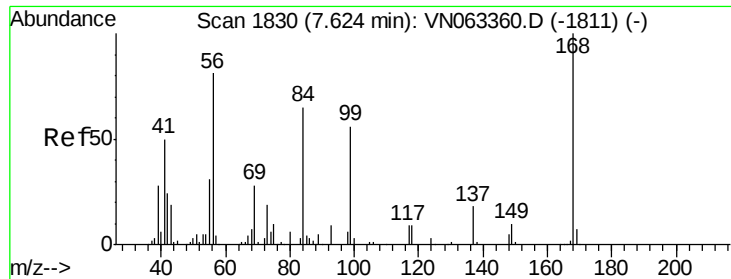
Instrument :
MSVOA_N
ClientSampleId :
51-53ME

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Quant Time: Sep 22 08:02:42 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: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

51-53ME

Tot Ion:168 Resp: 255687

Ion Ratio Lower Upper

168 100

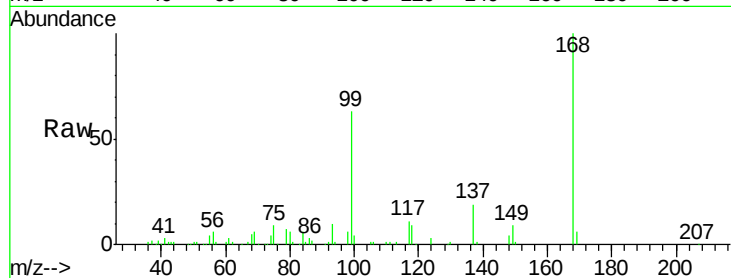
99 62.6 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN063360.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1811) (-)

7.62

120000

100000

80000

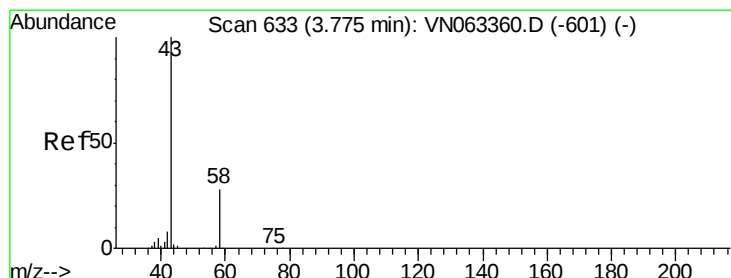
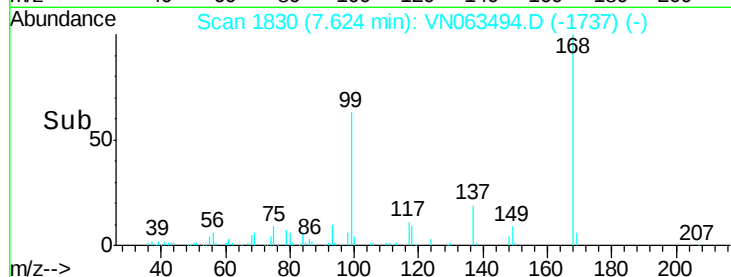
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 16.132 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063494.D

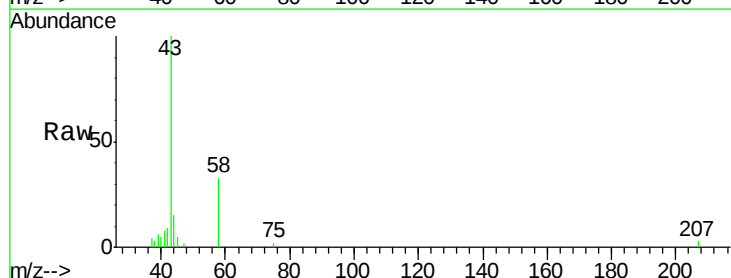
Acq: 21 Sep 2020 18:32

Tgt Ion: 43 Resp: 22566

Ion Ratio Lower Upper

43 100

58 32.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.78

8000

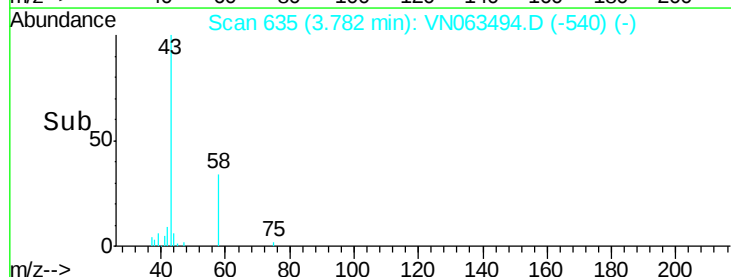
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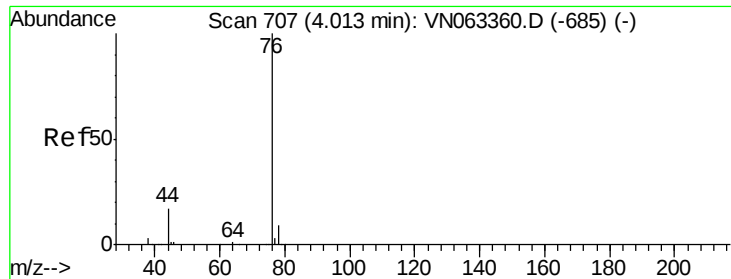
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2000

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Time-->





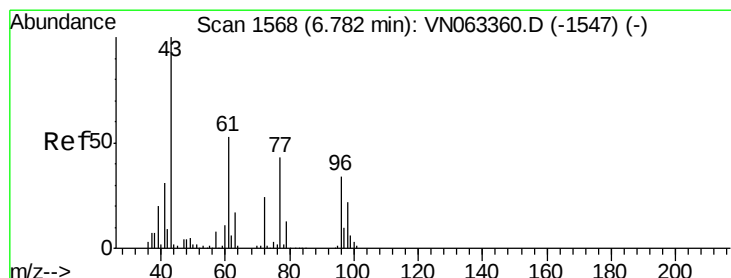
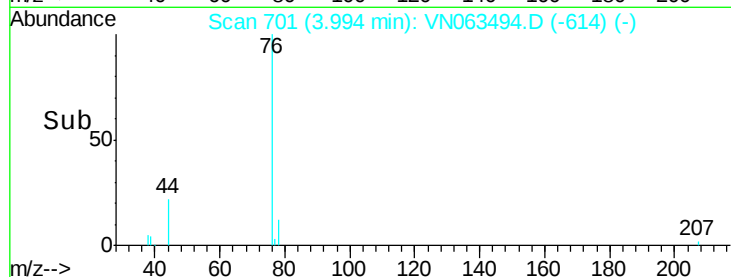
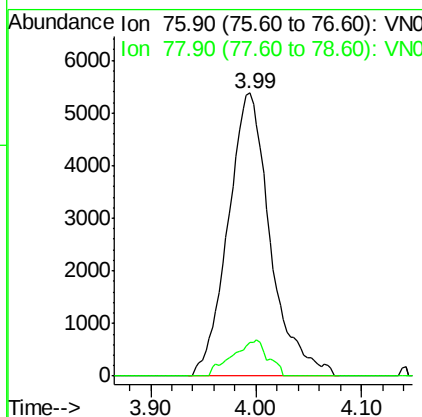
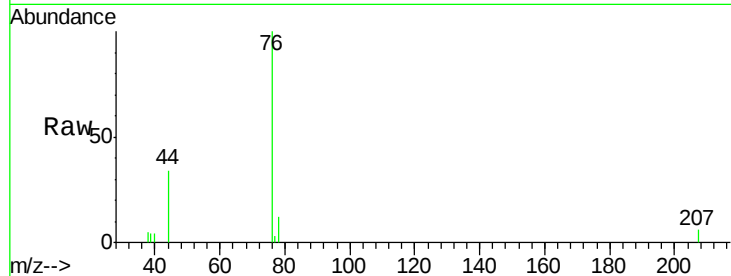
#17
Carbon Disulfide
Concen: 1.786 ug/l
RT: 3.99 min Scan# 701
Delta R.T. -0.02 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Instrument :
MSVOA_N
ClientSampled :
51-53ME

Tot Ion: 76 Resp: 14990
Ion Ratio Lower Upper
76 100
78 11.7 7.2 10.8#

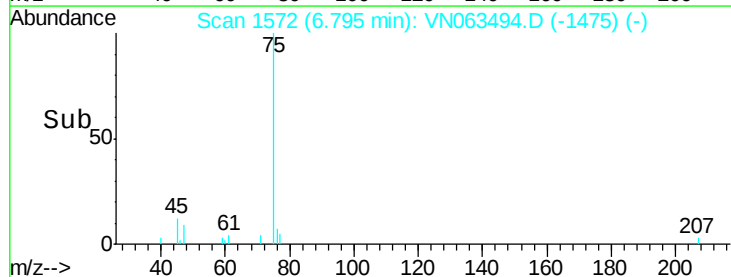
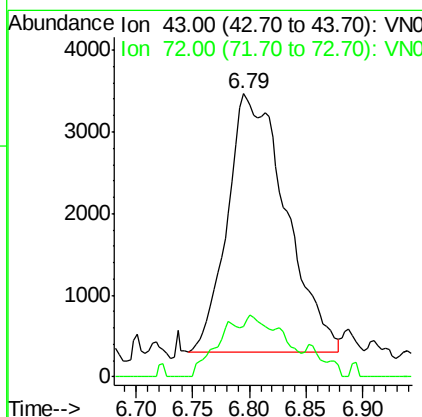
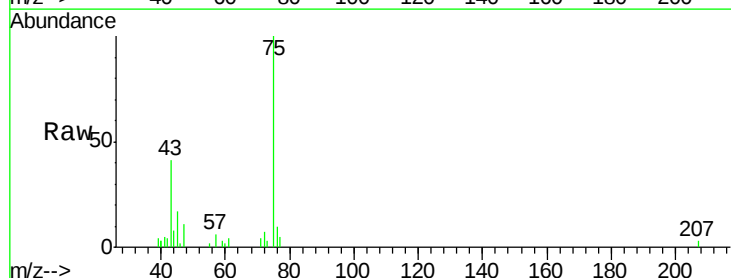
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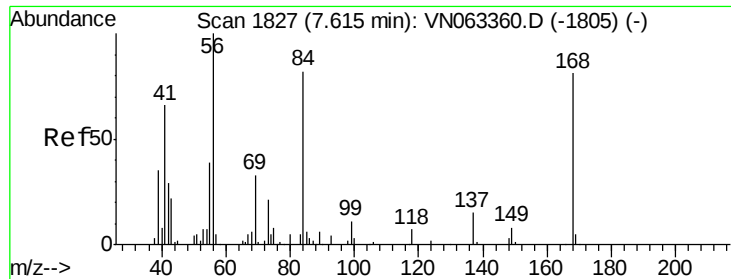
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#25
2-Butanone
Concen: 5.258 ug/l m
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion: 43 Resp: 11312
Ion Ratio Lower Upper
43 100
72 17.9 19.2 28.8#





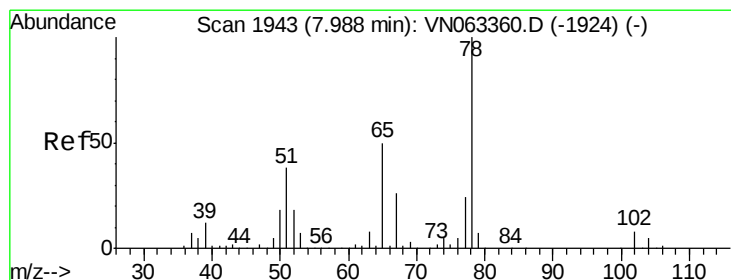
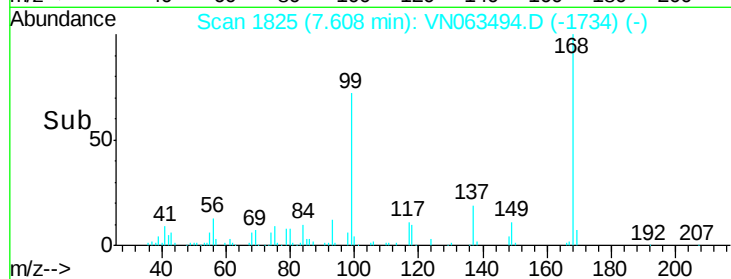
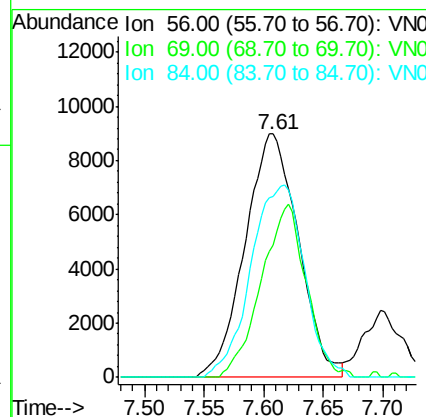
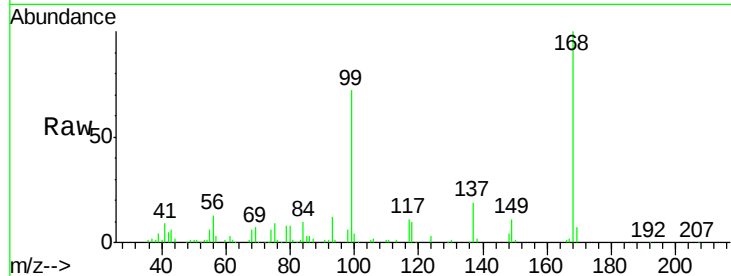
#31
Cyclohexane
Concen: 4.641 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.01 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Instrument :
MSVOA_N
ClientSampleId :
51-53ME

Tot Ion	Ratio	Lower	Upper
56	100		
69	54.3	26.1	39.1#
84	74.5	65.4	98.2

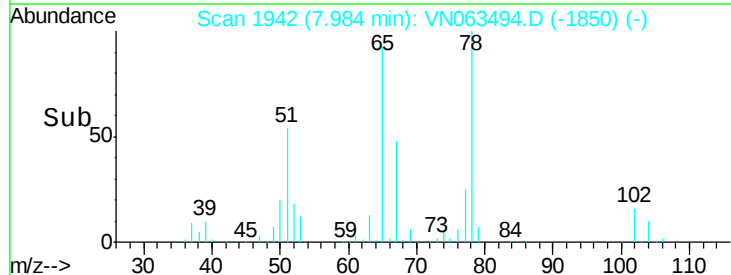
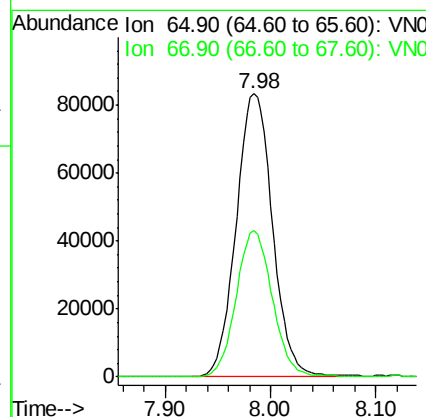
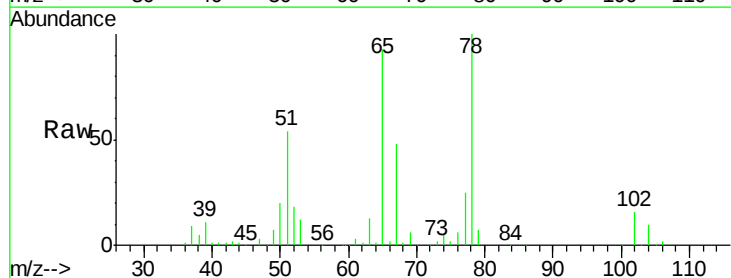
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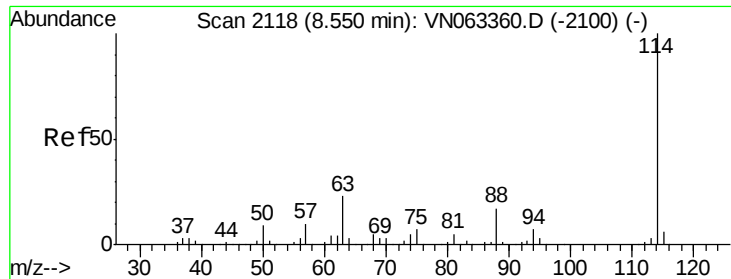
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#33
1,2-Dichloroethane-d4
Concen: 45.807 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.2





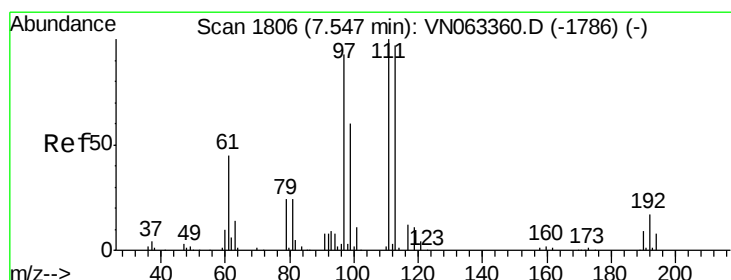
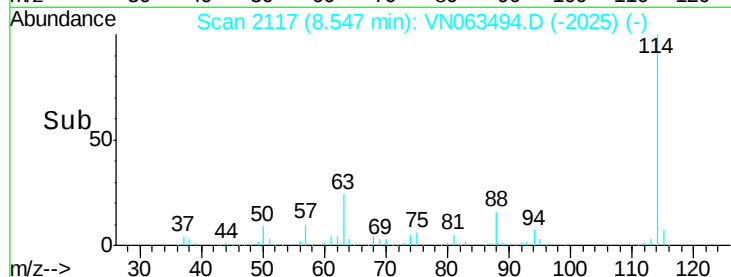
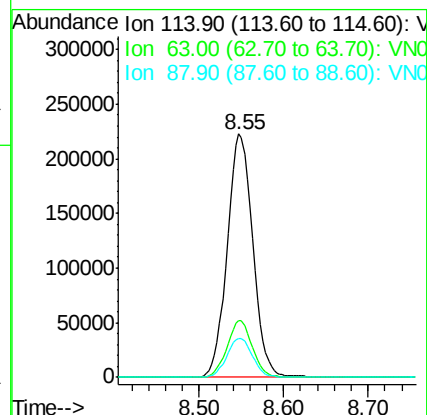
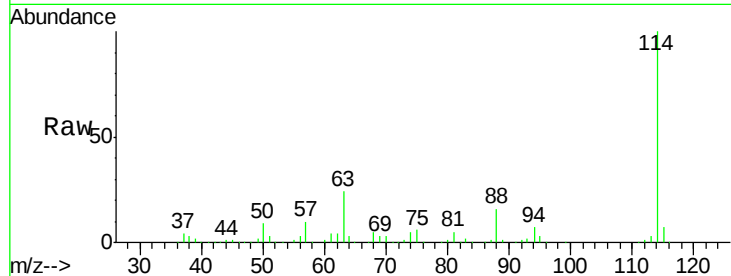
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Instrument :
MSVOA_N
ClientSampled :
51-53ME

Tot Ion	Ratio	Resp	Lower	Upper
114	100	470002		
63	23.5		0.0	46.4
88	16.1		0.0	33.2

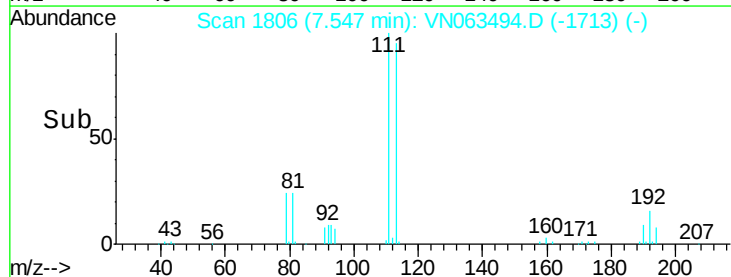
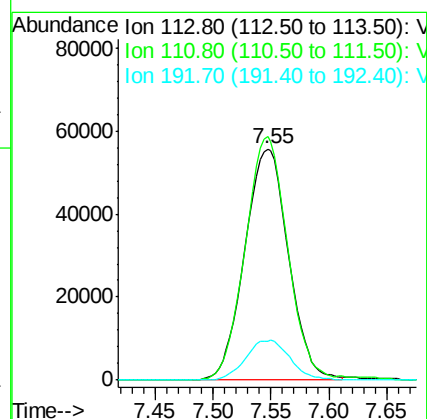
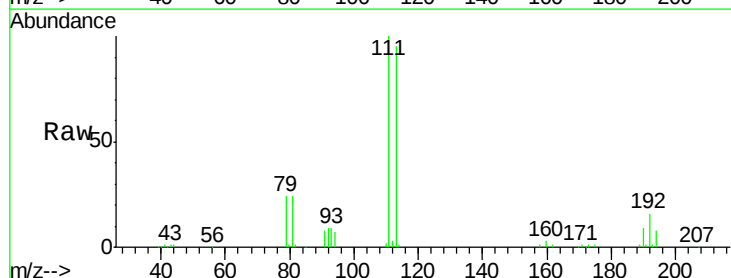
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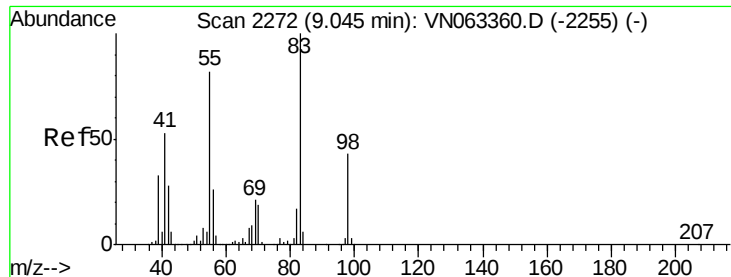
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#35
Dibromofluoromethane
Concen: 44.929 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	146186		
111	101.9		82.9	124.3
192	17.4		13.9	20.9





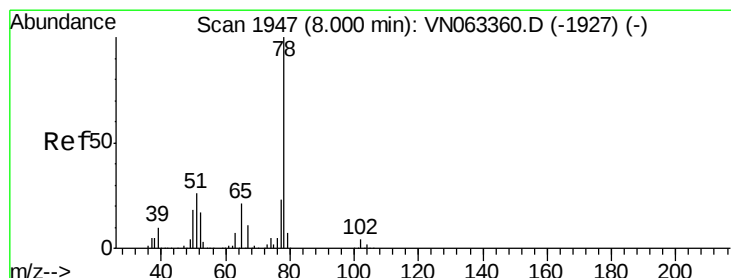
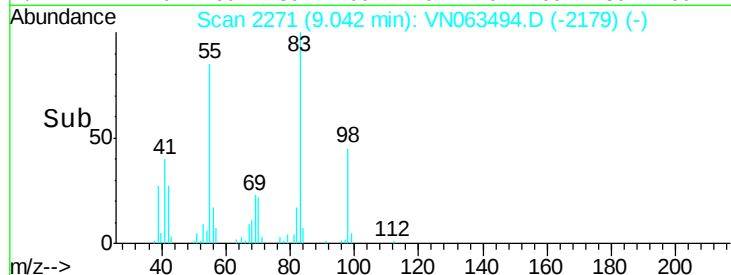
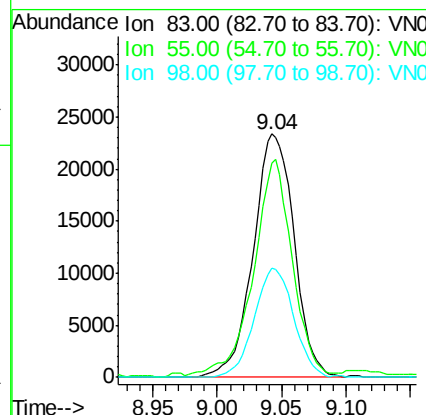
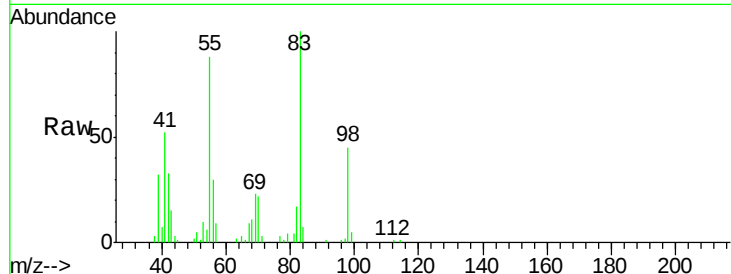
#39
Methvlcvclohexane
Concen: 9.506 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Instrument :
MSVOA_N
ClientSampleId :
51-53ME

Tot Ion	83	Resp	51660
Ion Ratio	Lower	Upper	
83	100		
55	86.2	65.5	98.3
98	44.9	34.2	51.4

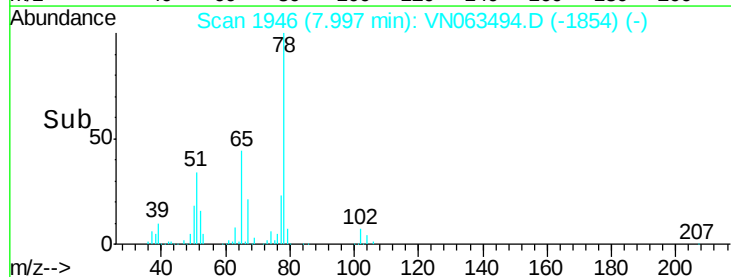
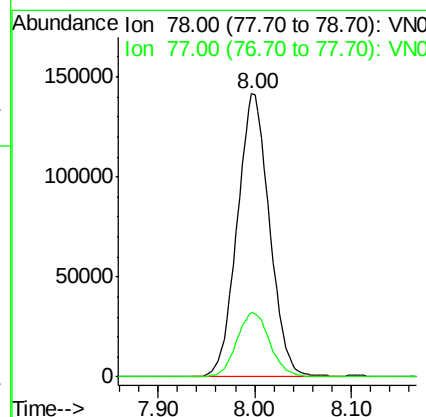
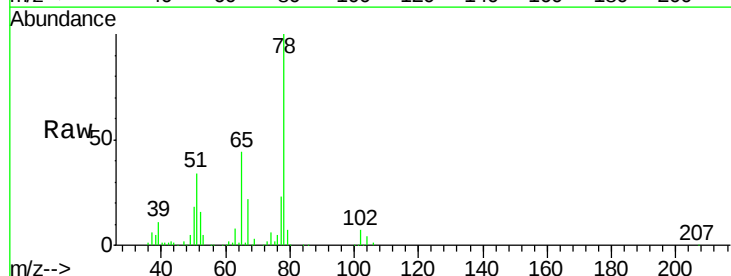
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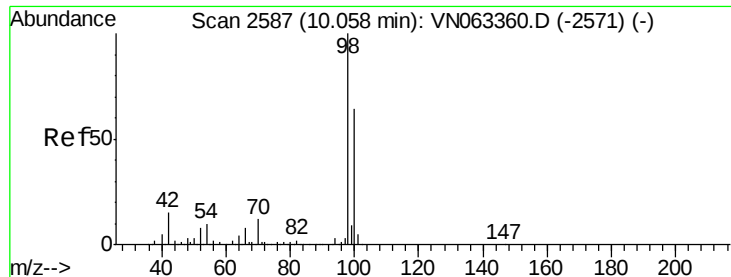
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#40
Benzene
Concen: 22.987 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion	78	Resp	328565
Ion Ratio	Lower	Upper	
78	100		
77	22.7	18.3	27.5





#50

Toluene-d8

Concen: 49.140 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

51-53ME

Tot Ion: 98 Resp: 601203

Ion Ratio Lower Upper

98 100

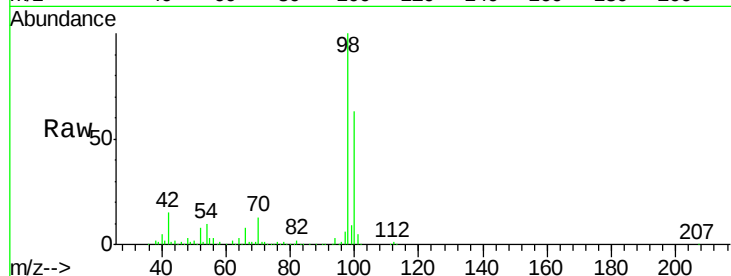
100 63.8 50.7 76.1

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

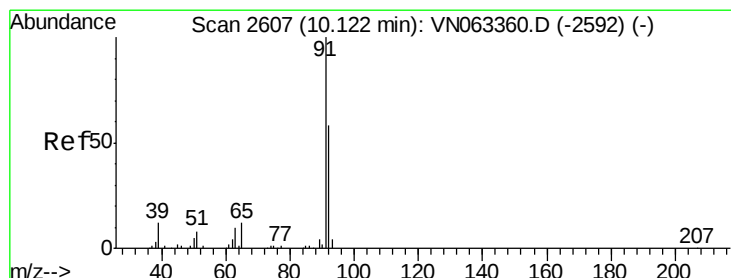
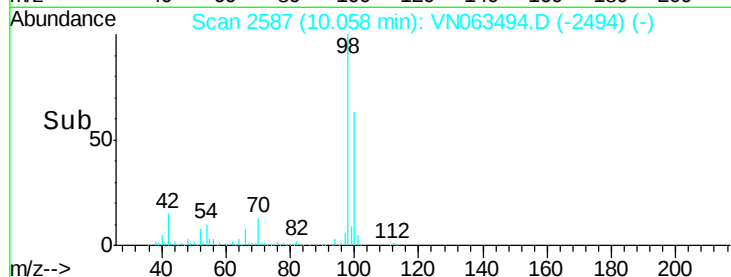
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.478 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063494.D

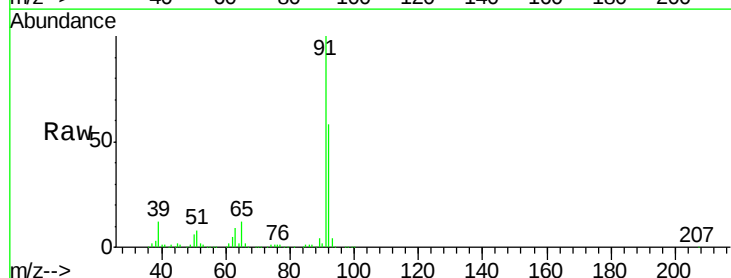
Acq: 21 Sep 2020 18:32

Tgt Ion: 92 Resp: 408023

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

10.13

400000

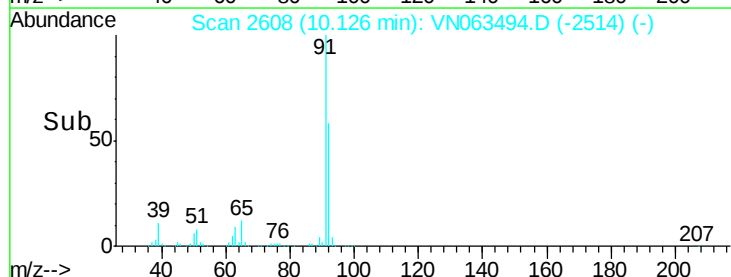
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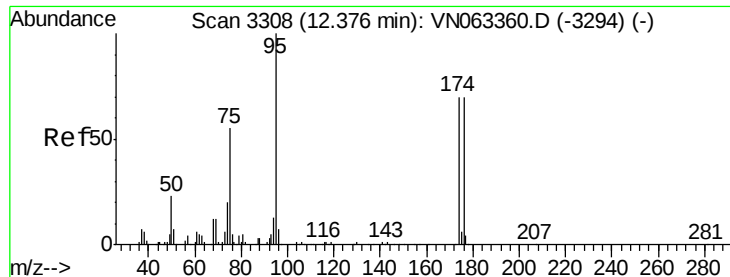
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100000

0

Time-->





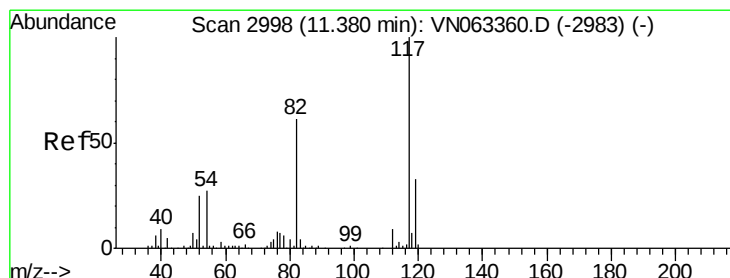
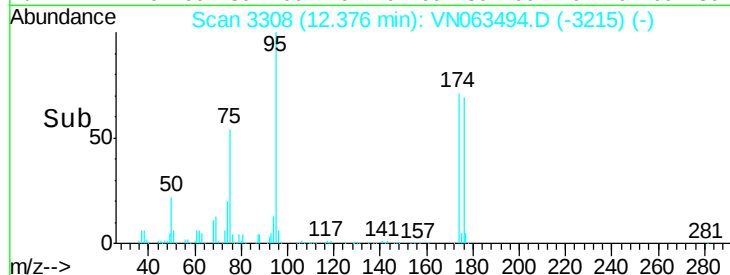
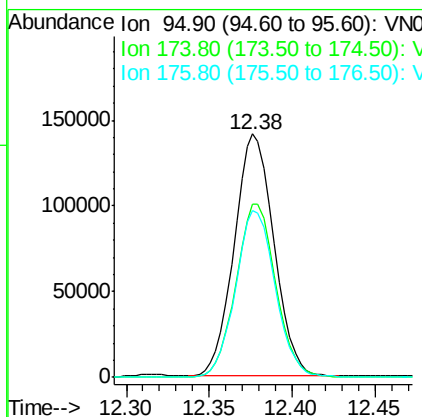
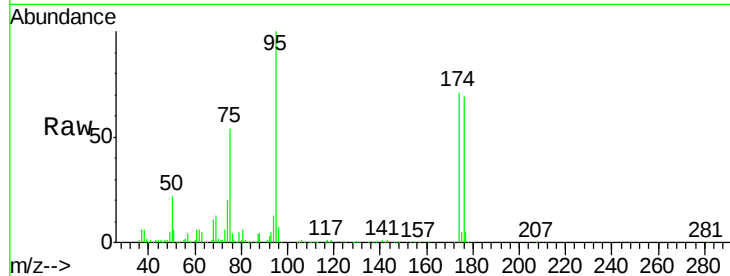
#62
4-Bromofluorobenzene
Concen: 52.603 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Instrument :
MSVOA_N
ClientSampled :
51-53ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	235922		
174	71.6	0.0	140.8	
176	69.0	0.0	137.6	

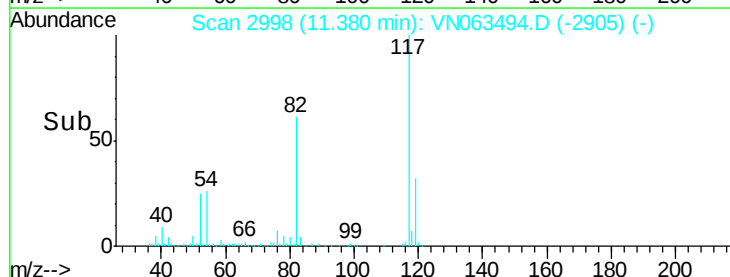
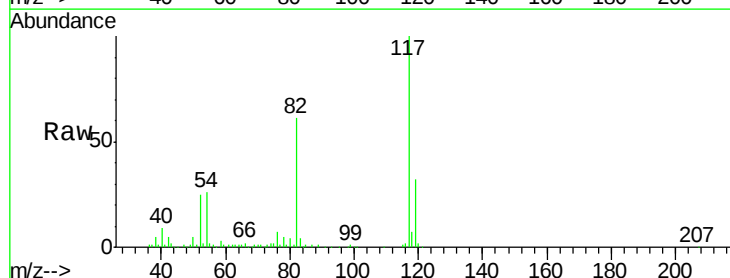
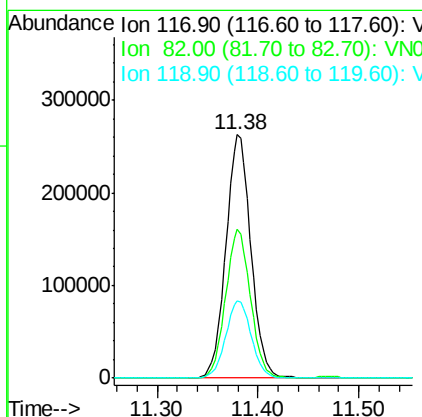
Manual Integrations
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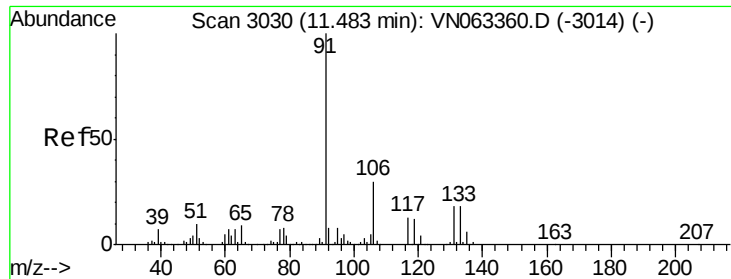
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	453918		
82	60.8	49.2	73.8	
119	31.9	26.2	39.4	





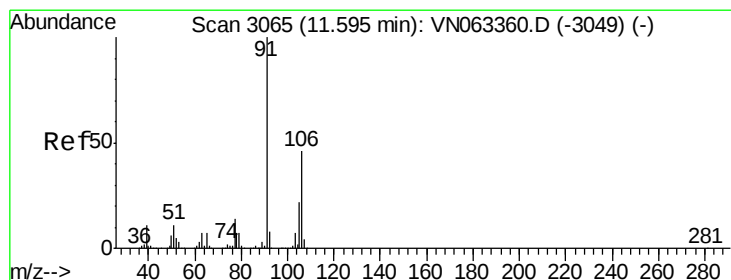
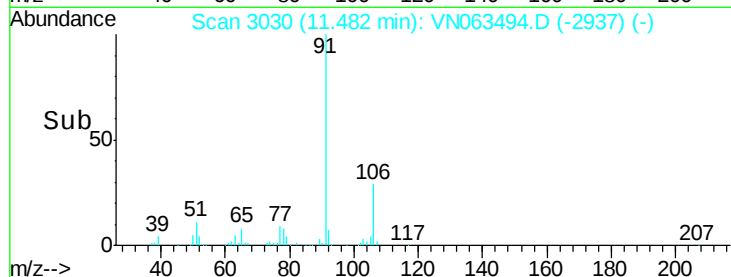
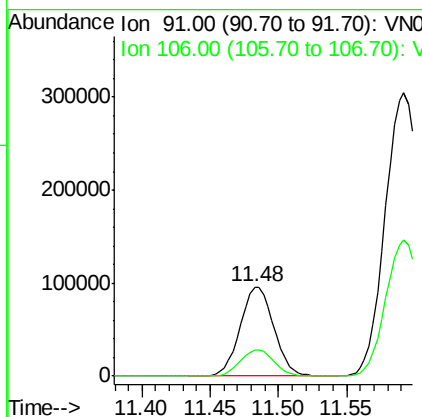
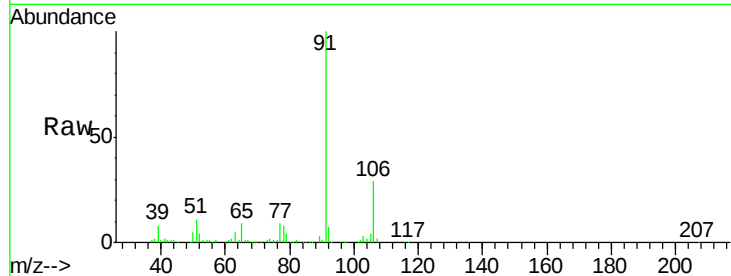
#67
Ethyl Benzene
Concen: 9.075 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Instrument :
MSVOA_N
ClientSampled :
51-53ME

Tot Ion: 91 Resp: 164665
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.6

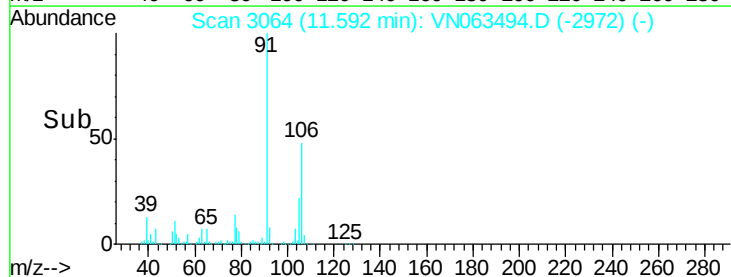
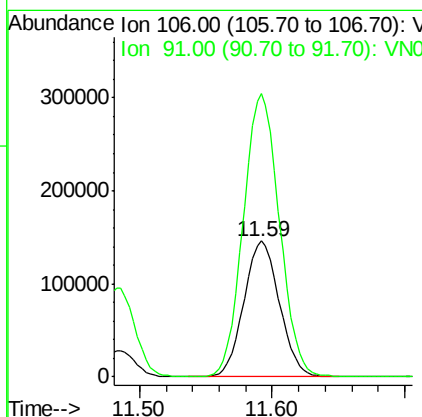
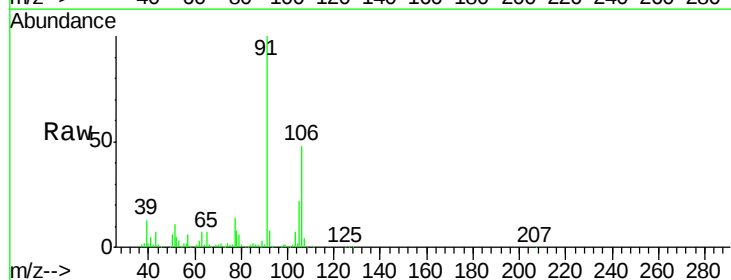
Manual Integrations
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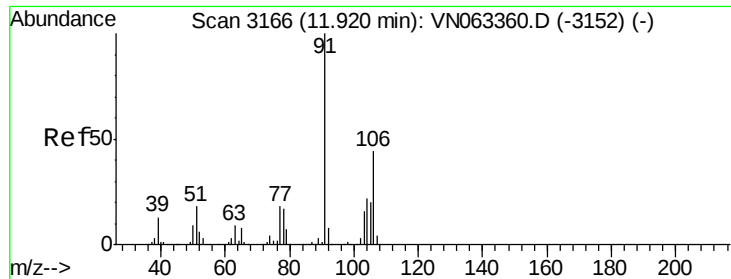
MMDadoda
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#68
m/p-Xylenes
Concen: 41.654 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion: 106 Resp: 272513
Ion Ratio Lower Upper
106 100
91 211.3 171.2 256.8





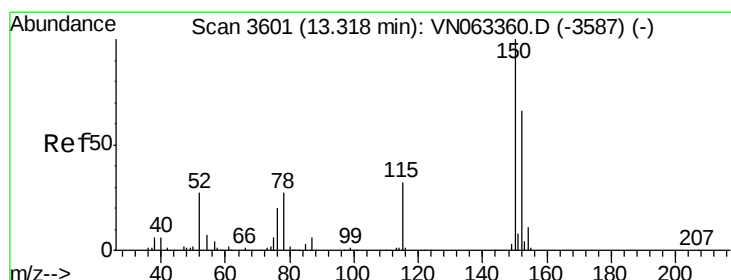
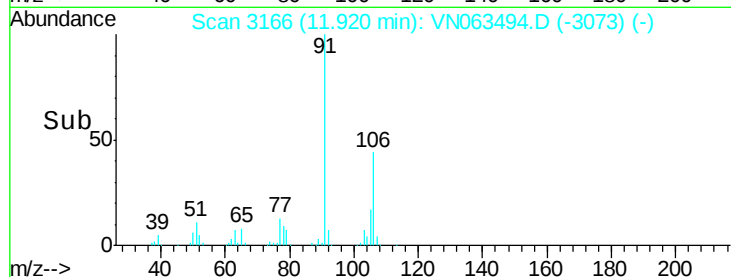
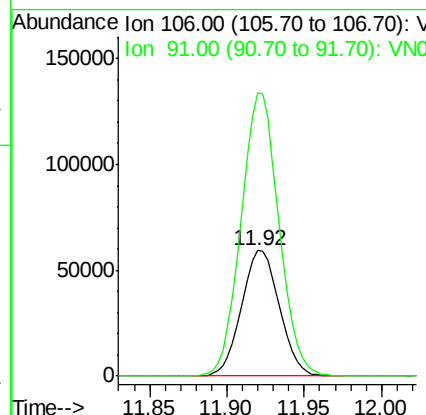
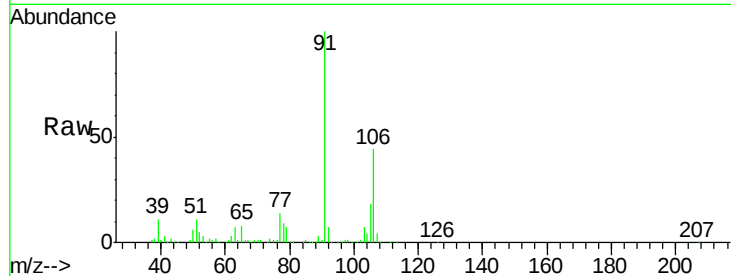
#69
o-Xylene
Concen: 16.318 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Instrument :
MSVOA_N
ClientSampled :
51-53ME

Tot Ion	Ratio	Resp	Lower	Upper
106	100	101696		
91	223.2	113.6	340.8	

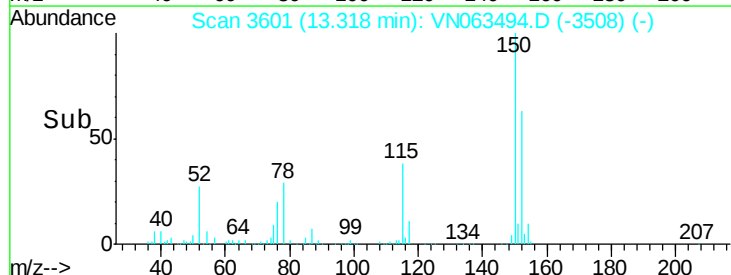
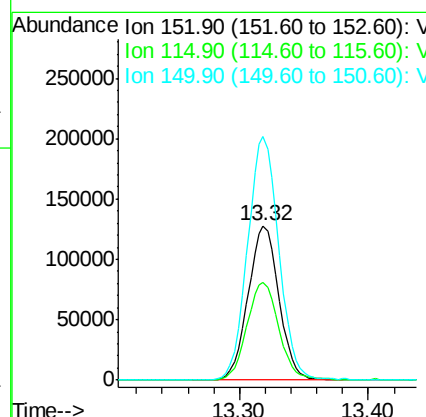
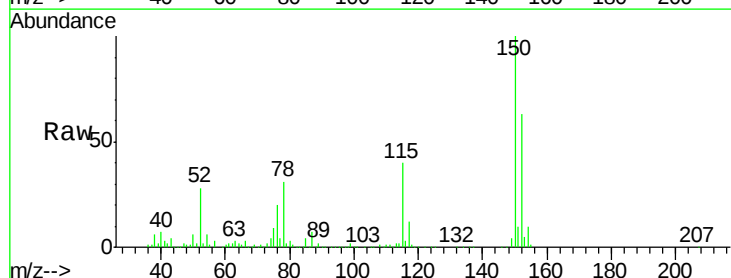
Manual Integrations
APPROVED

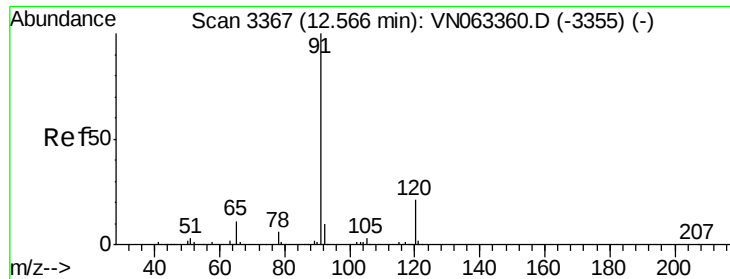
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	212625		
115	64.5	32.2	96.6	
150	159.6	0.0	343.4	





#78

n-propylbenzene

Concen: 1.882 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

51-53ME

Tot Ion: 91 Resp: 37355

Ion Ratio Lower Upper

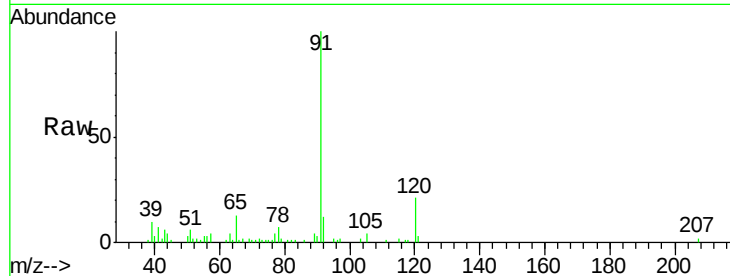
91 100

120 21.0 10.8 32.3

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3355) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3355) (-)

12.57

25000

20000

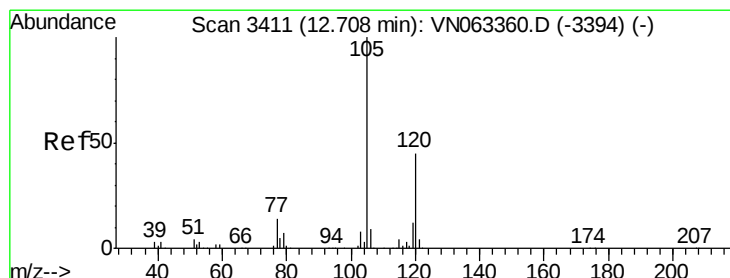
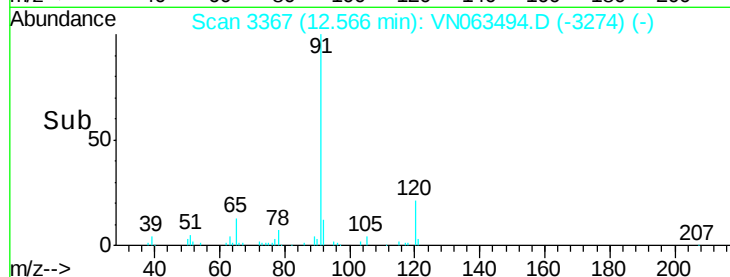
15000

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.487 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063494.D

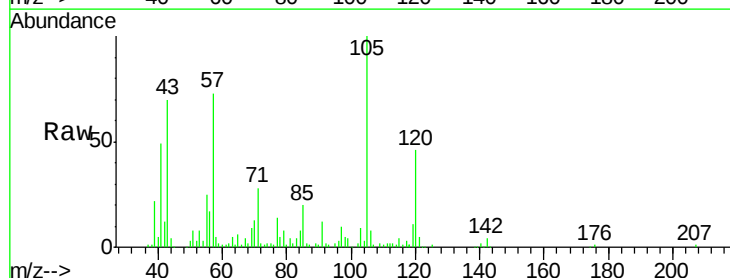
Acq: 21 Sep 2020 18:32

Tgt Ion: 105 Resp: 77956

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

12.71

50000

40000

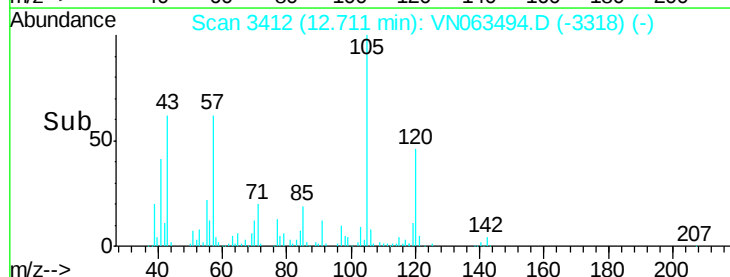
30000

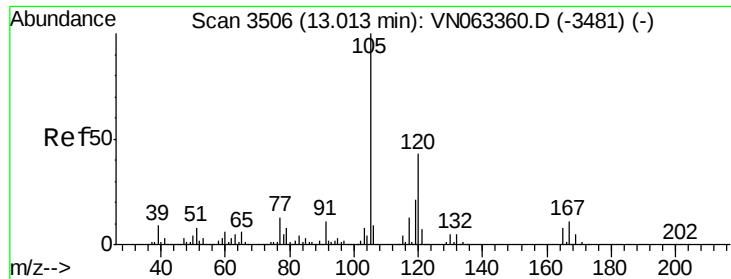
20000

10000

0

Time-->





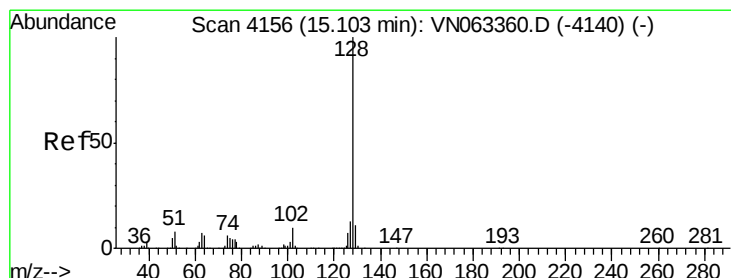
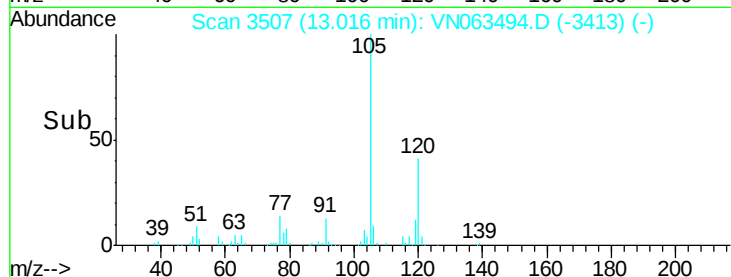
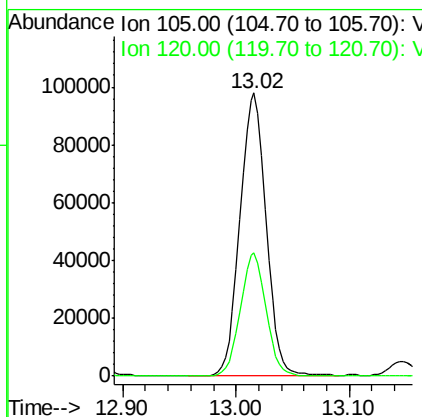
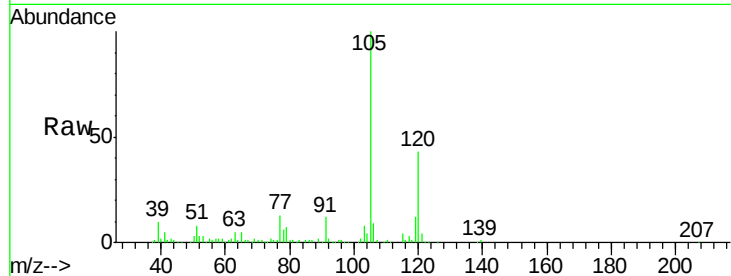
#84
 1,2,4-Trimethylbenzene
 Concen: 11.057 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063494.D
 Acq: 21 Sep 2020 18:32

Instrument :
 MSVOA_N
 ClientSampled :
 51-53ME

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.3	63.9

Manual Integrations
 APPROVED

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#95
 Naphthalene
 Concen: 43.836 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. -0.00 min
 Lab File: VN063494.D
 Acq: 21 Sep 2020 18:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.3	8.8	13.2

