

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062734.D
 Acq On : 3 Aug 2020 14:37
 Operator : JC/MD
 Sample : L3539-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I-OC-5

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 1:52:15 PM

Quant Time: Aug 04 07:48:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	127533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	224678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	225877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	110168	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
35) Dibromofluoromethane	7.55	113	74632	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.06	98	296177	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.38	95	110781	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	27899	37.422	ug/l	98
17) Carbon Disulfide	4.01	76	358095	79.812	ug/l	99
25) 2-Butanone	6.80	43	4938m	4.349	ug/l	
30) Chloroform	7.33	83	8947	2.976	ug/l	92
40) Benzene	8.00	78	30375	4.190	ug/l	94
52) Toluene	10.13	92	5519	1.311	ug/l	95
67) Ethyl Benzene	11.48	91	2285	0.263	ug/l #	83
68) m/p-Xylenes	11.59	106	4435	1.421	ug/l	90
69) o-Xylene	11.92	106	1704	0.575	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	2577	0.450	ug/l	97
95) Naphthalene	15.10	128	391793	95.262	ug/l	99

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

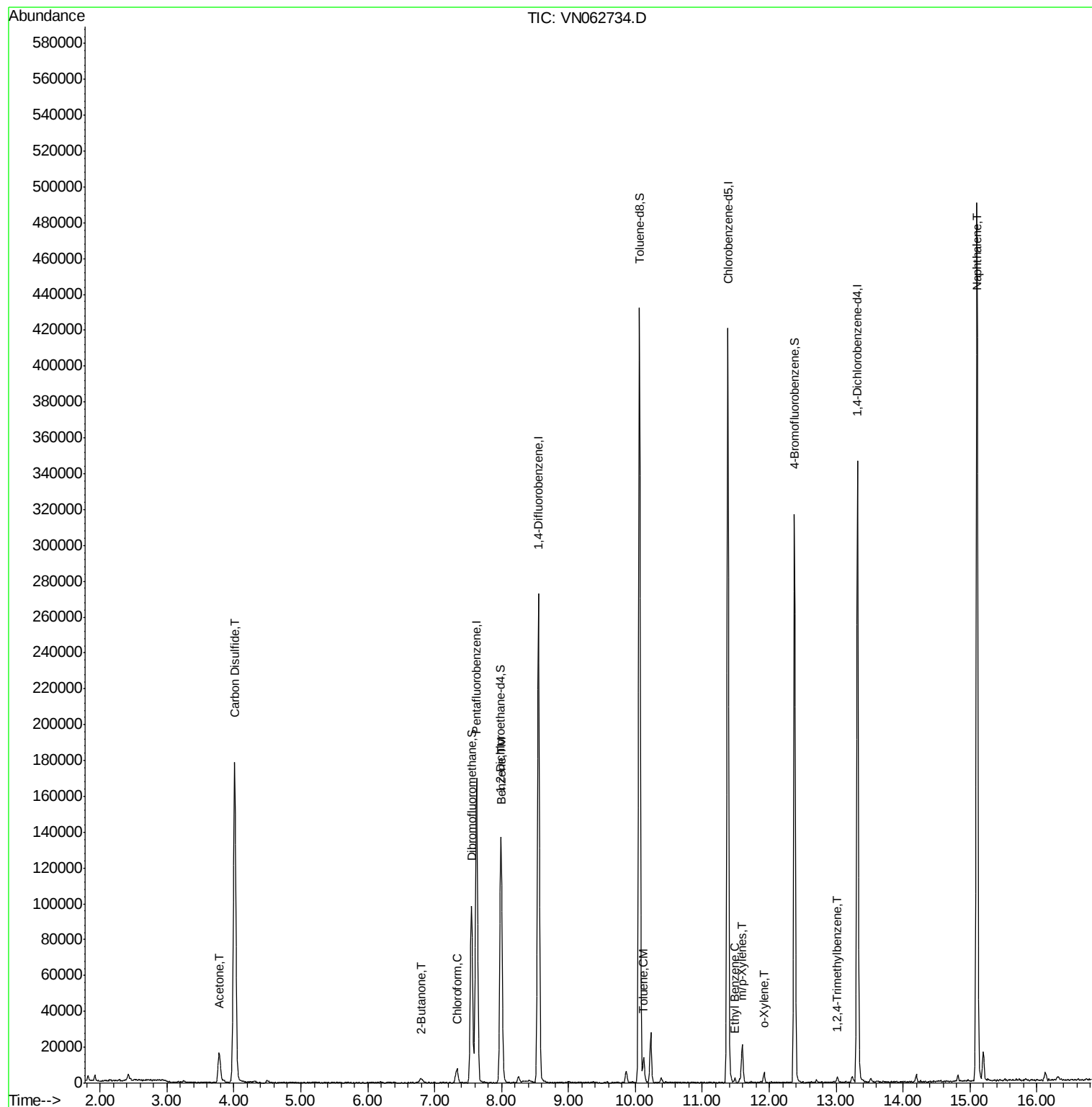
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
Data File : VN062734.D
Acq On : 3 Aug 2020 14:37
Operator : JC/MD
Sample : L3539-01 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

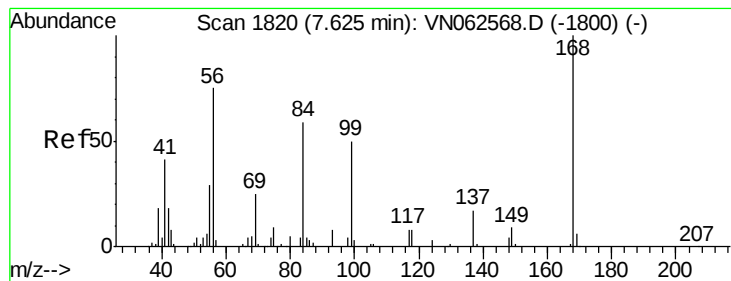
Instrument :
MSVOA_N
ClientSampleId :
I-OC-5

Manual Integrations
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8/4/2020 1:52:15 PM

Quant Time: Aug 04 07:48:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062734.D

Acq: 3 Aug 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

I-OC-5

Tot Ion:168 Resp: 127533

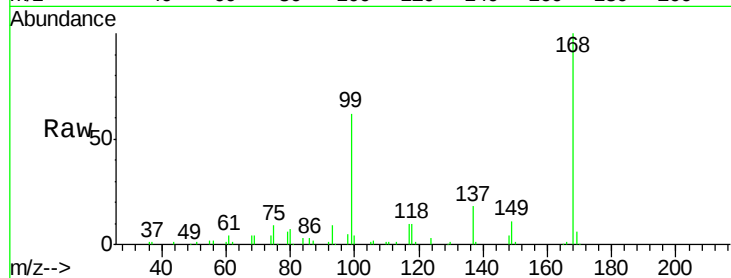
Ion Ratio Lower Upper

168 100

99 62.5 48.4 72.6

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

60000

50000

40000

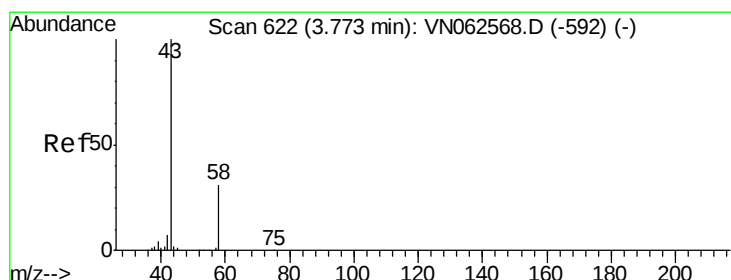
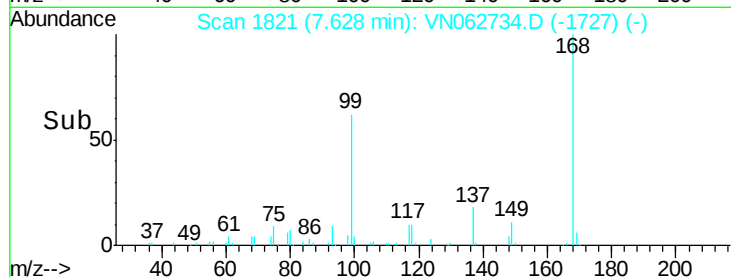
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 37.422 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062734.D

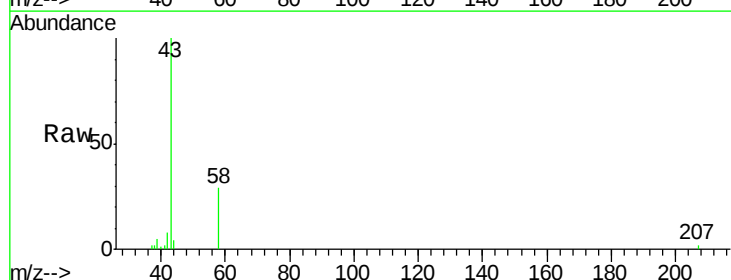
Acq: 3 Aug 2020 14:37

Tgt Ion: 43 Resp: 27899

Ion Ratio Lower Upper

43 100

58 29.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

12000

10000

8000

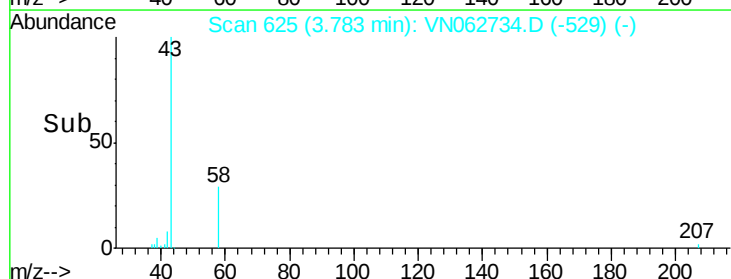
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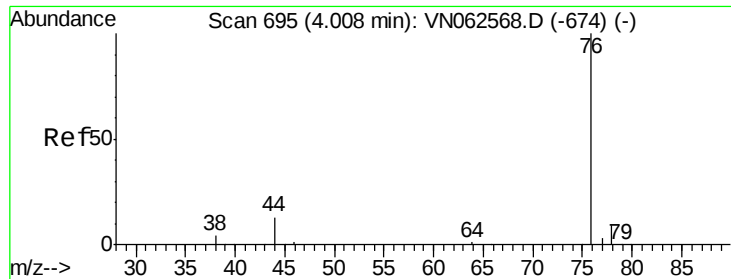
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#17

Carbon Disulfide

Concen: 79.812 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062734.D

Acq: 3 Aug 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

I-OC-5

Tot Ion: 76 Resp: 358095

Ion Ratio Lower Upper

76 100

78 8.8

7.3

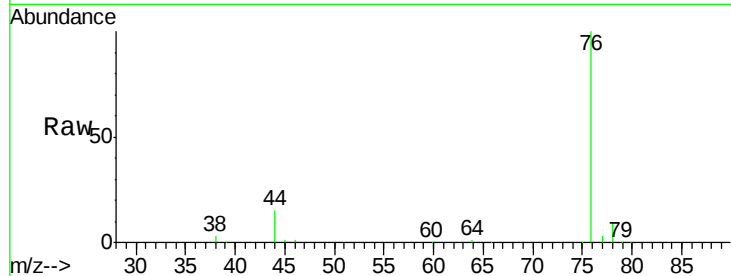
10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

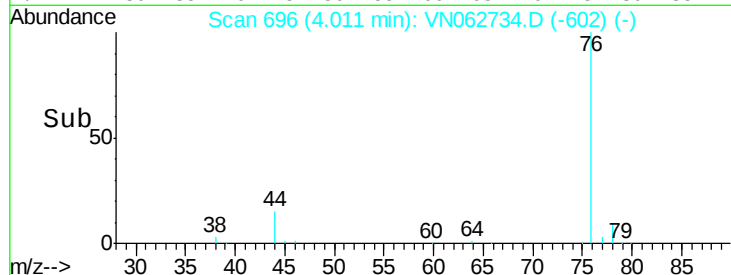
150000

100000

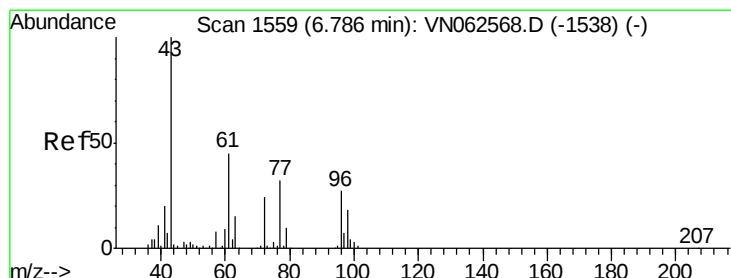
50000

0

Time-->



Time-->



#25

2-Butanone

Concen: 4.349 ug/l m

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN062734.D

Acq: 3 Aug 2020 14:37

Tgt Ion: 43 Resp: 4938

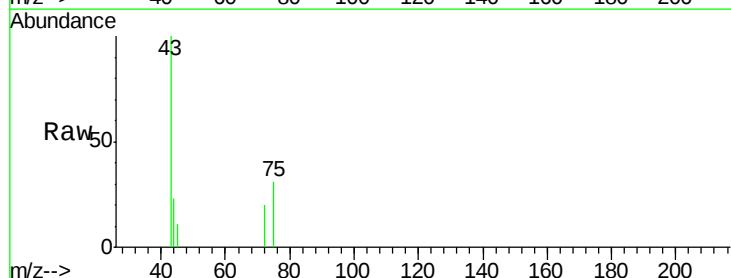
Ion Ratio Lower Upper

43 100

72 20.4

19.0

28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

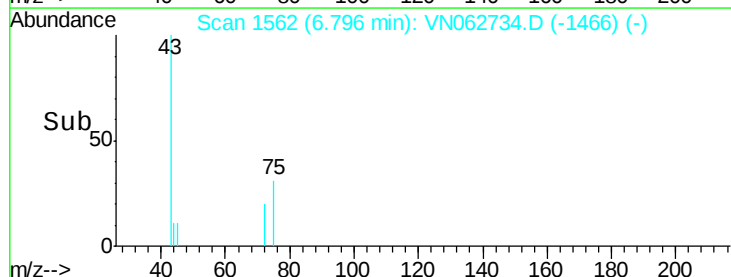
1500

1000

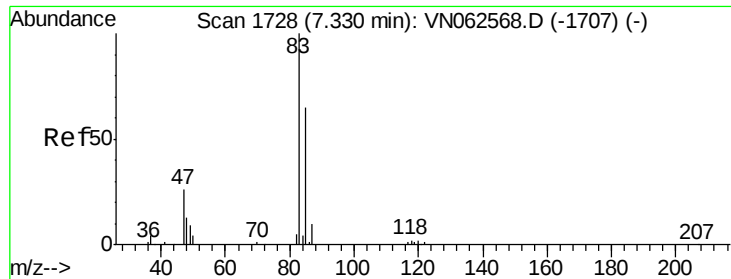
500

0

Time-->



Time-->



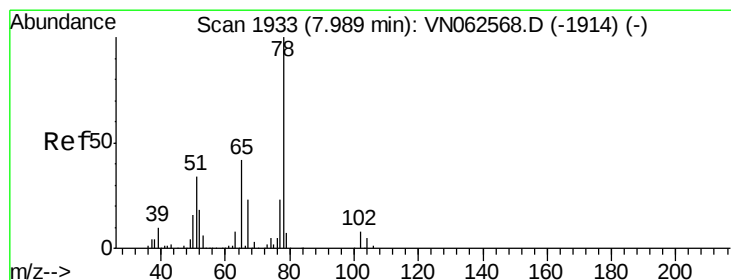
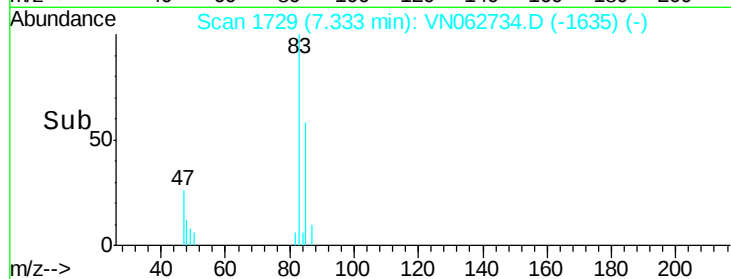
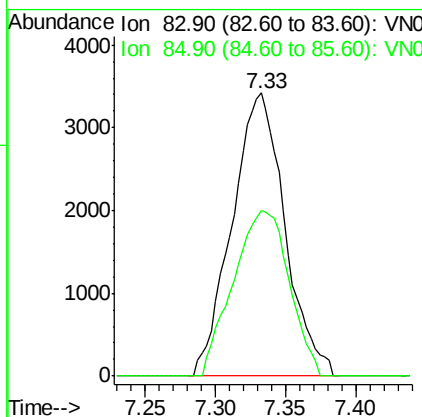
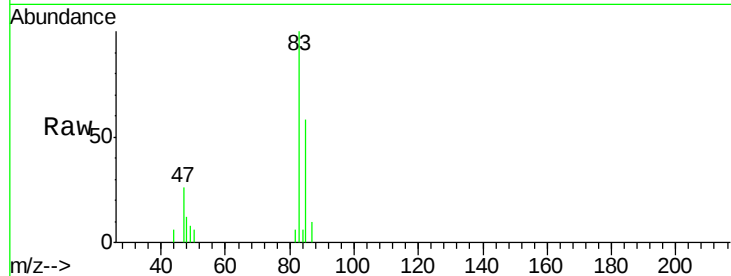
#30
Chloroform
Concen: 2.976 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
I-OC-5

Tot Ion	83	Resp	8947
Ion Ratio	100	Lower	Upper
85	58.3	52.0	78.0

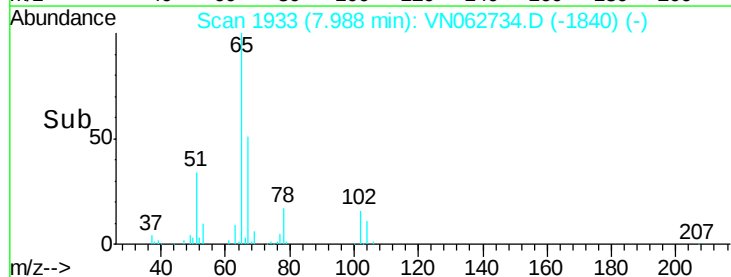
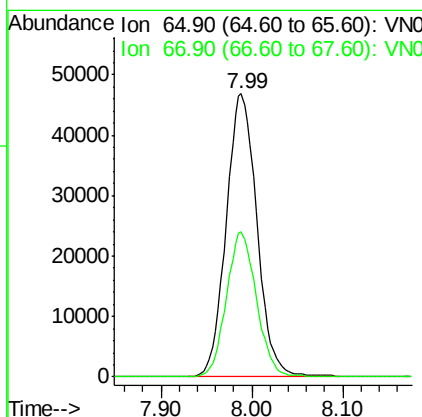
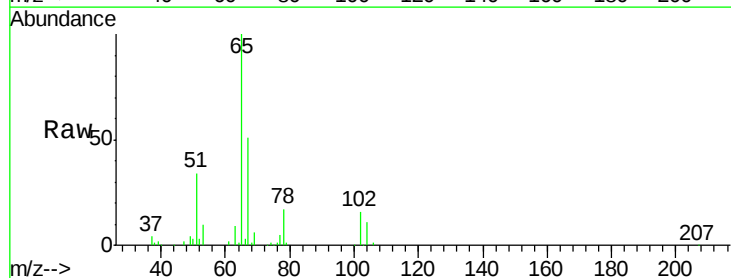
Manual Integrations
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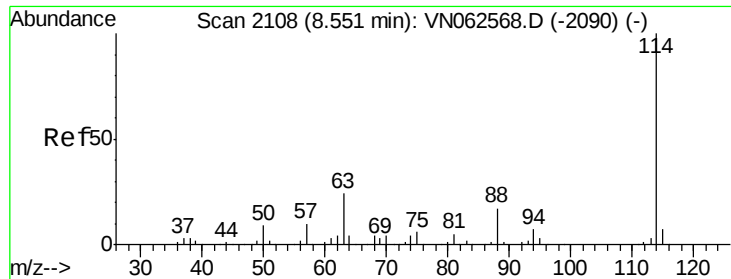
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#33
1,2-Dichloroethane-d4
Concen: 55.608 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Tgt Ion	65	Resp	110168
Ion Ratio	100	Lower	Upper
67	49.8	0.0	106.0





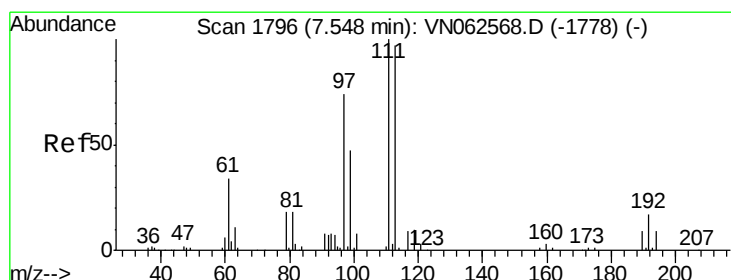
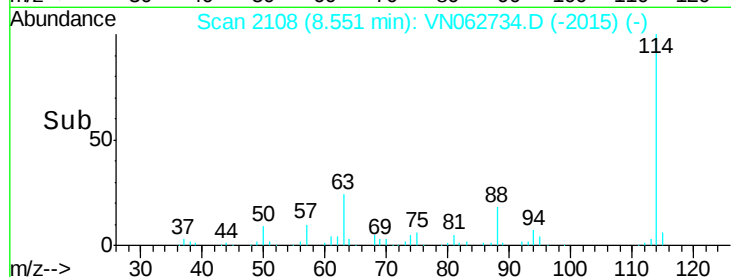
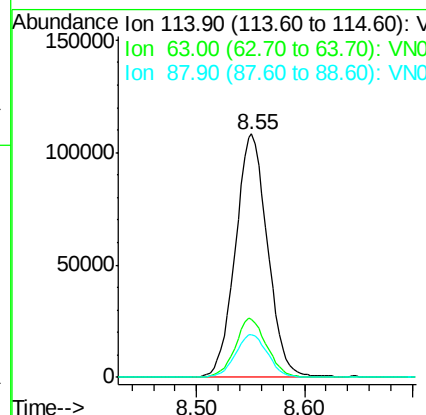
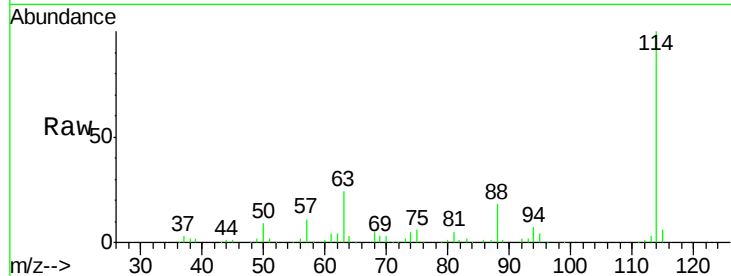
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062734.D
 Acq: 3 Aug 2020 14:37

Instrument :
 MSVOA_N
 ClientSampled :
 I-OC-5

Tot Ion	Ratio	Resp	Lower	Upper
114	100	224678		
63	23.9	0.0	48.4	
88	17.7	0.0	33.8	

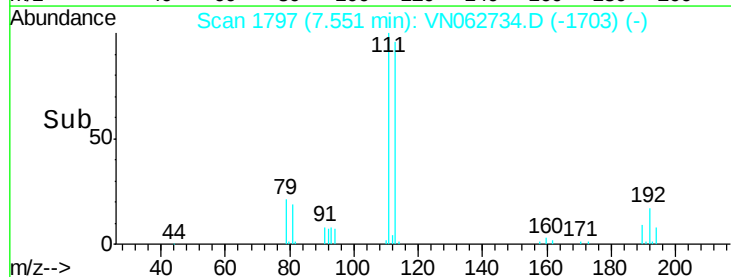
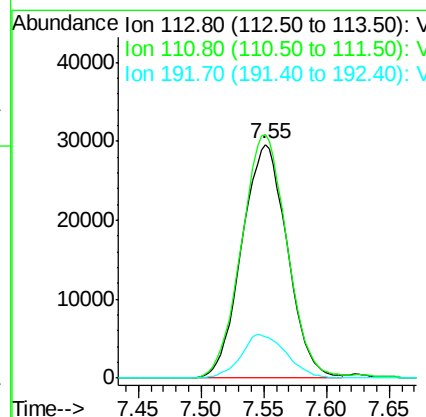
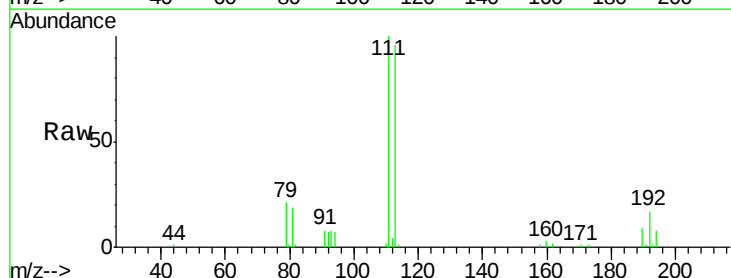
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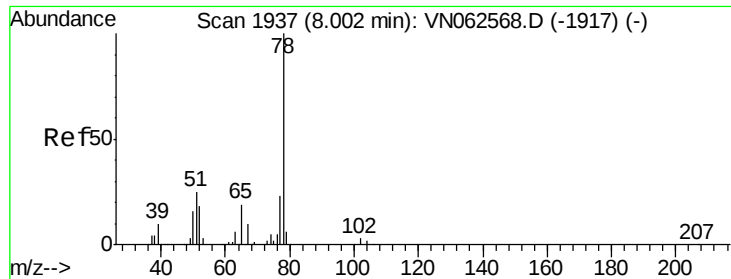
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#35
 Dibromofluoromethane
 Concen: 50.570 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062734.D
 Acq: 3 Aug 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	74632		
111	104.5	82.7	124.1	
192	18.5	14.8	22.2	





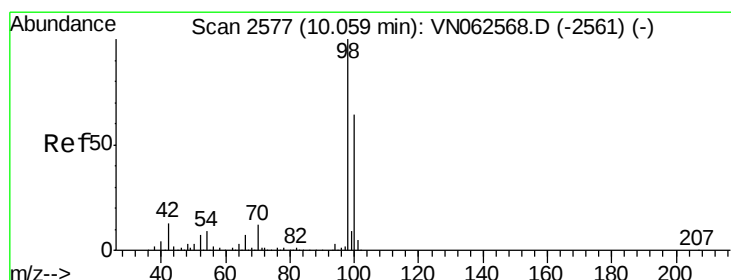
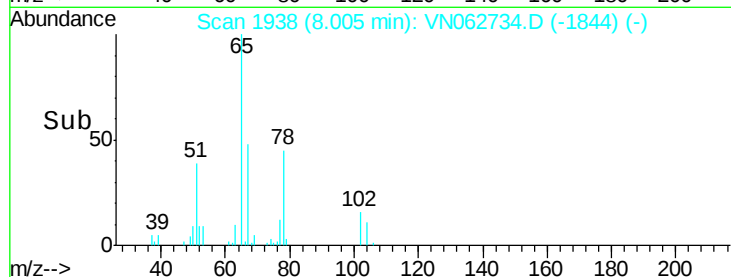
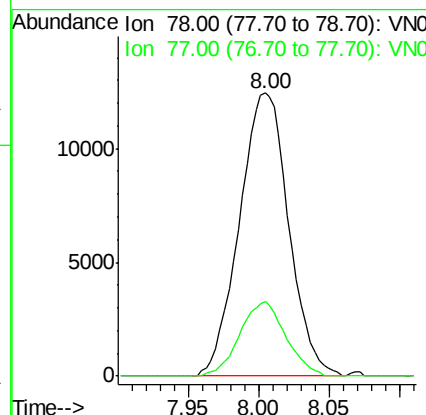
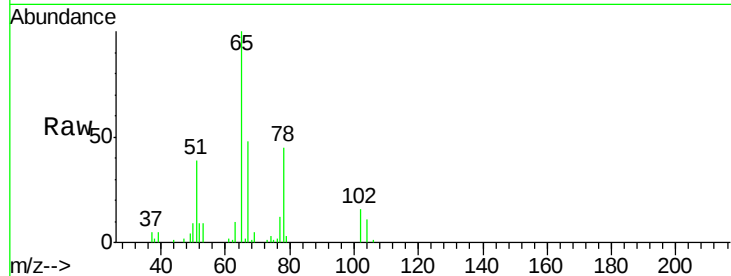
#40
Benzene
Concen: 4.190 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Instrument :
MSVOA_N
ClientSampled :
I-OC-5

Tot Ion	Ratio	Lower	Upper
78	100		
77	26.2	18.7	28.1

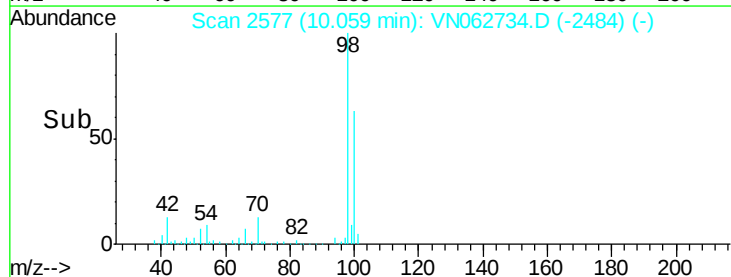
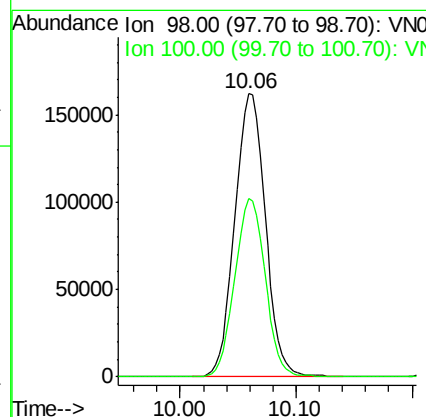
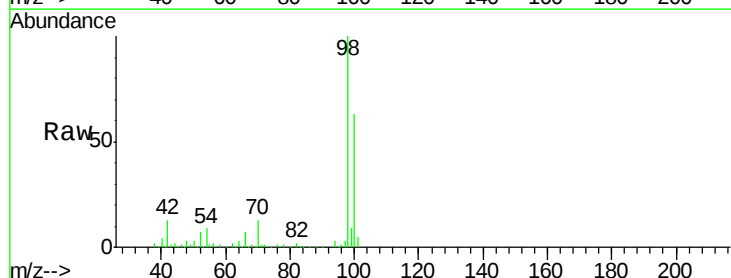
Manual Integrations
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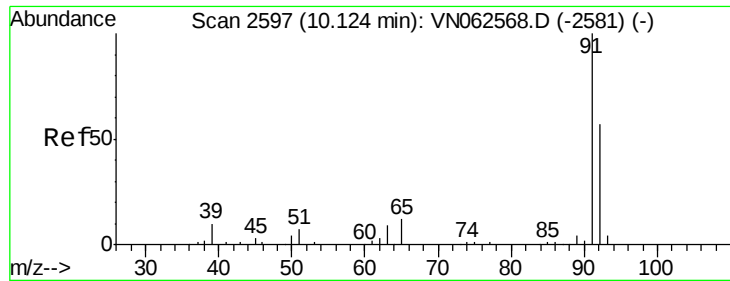
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#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.9	76.3





#52

Toluene

Concen: 1.311 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062734.D

Acq: 3 Aug 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

I-OC-5

Tot Ion: 92 Resp: 5519

Ion Ratio Lower Upper

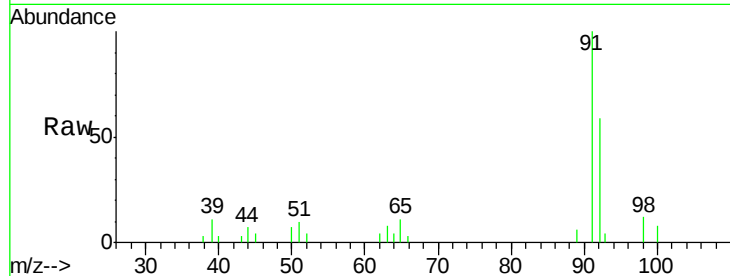
92 100

91 181.6 139.4 209.2

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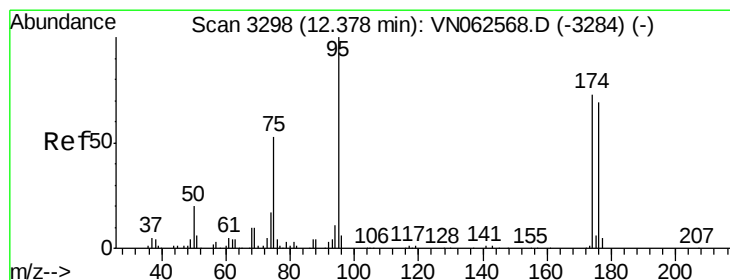
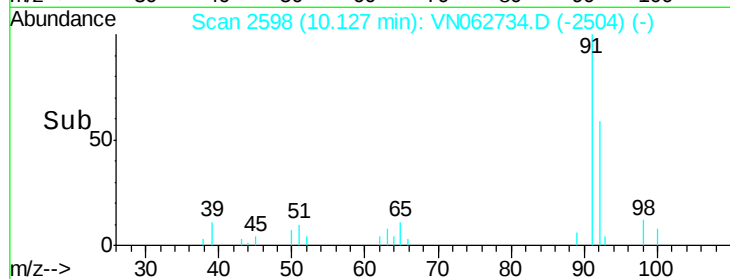
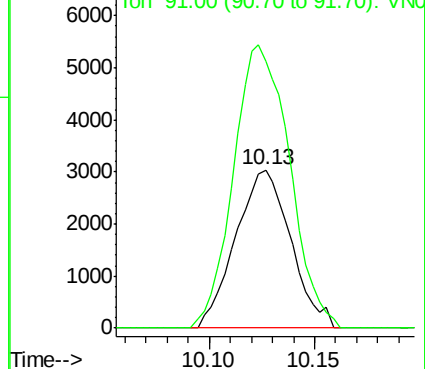
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Abundance Ion 92.00 (91.70 to 92.70): VN062734.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062734.D (-2504) (-)



#62

4-Bromofluorobenzene

Concen: 51.453 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062734.D

Acq: 3 Aug 2020 14:37

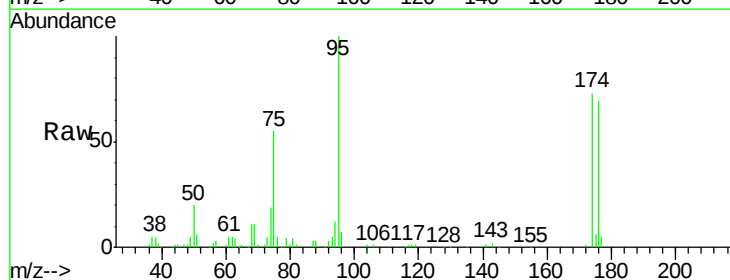
Tgt Ion: 95 Resp: 110781

Ion Ratio Lower Upper

95 100

174 73.3 0.0 144.6

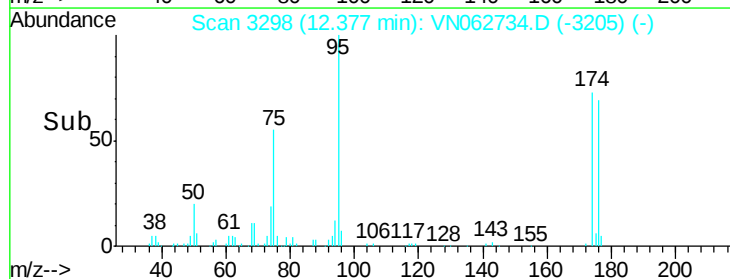
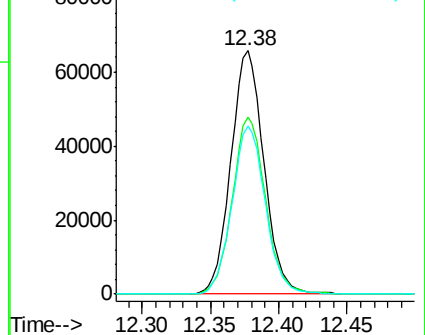
176 69.7 0.0 139.4

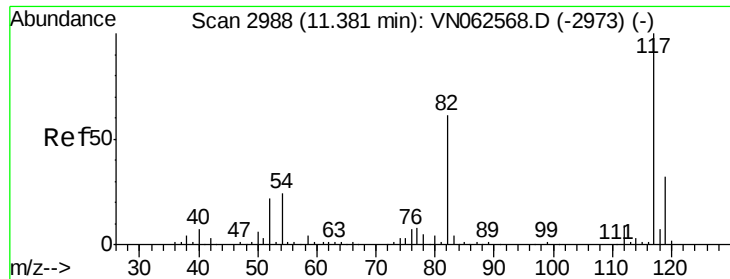


Abundance Ion 94.90 (94.60 to 95.60): VN062734.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062734.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062734.D (-3205) (-)





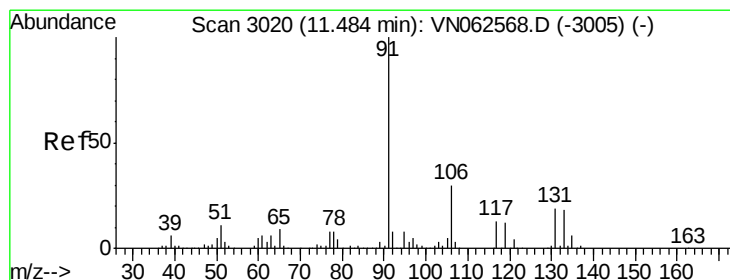
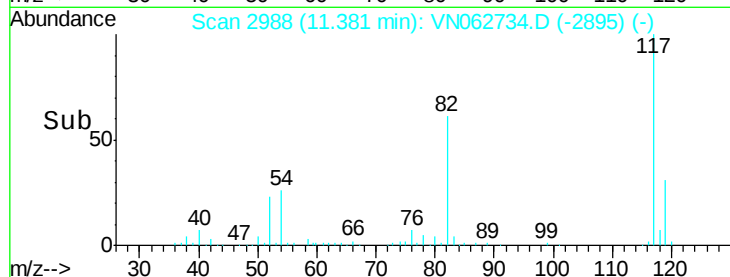
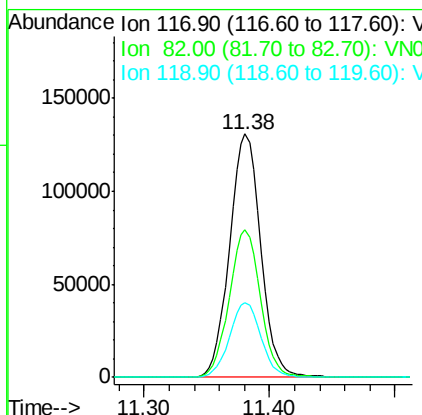
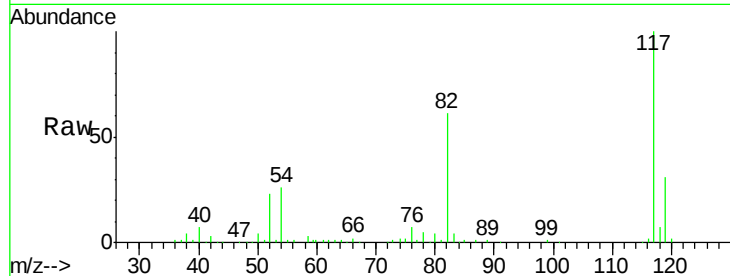
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
I-OC-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.0	73.6
119	30.8	25.4	38.2

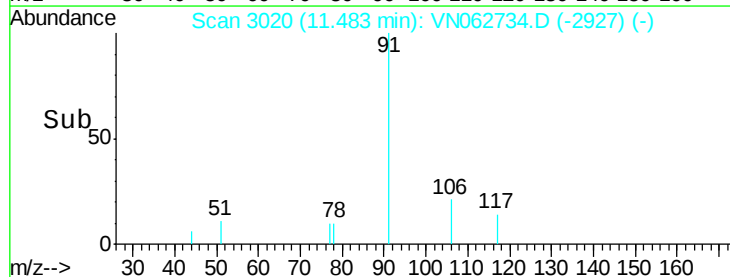
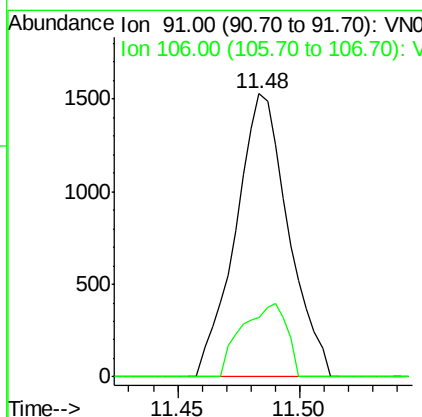
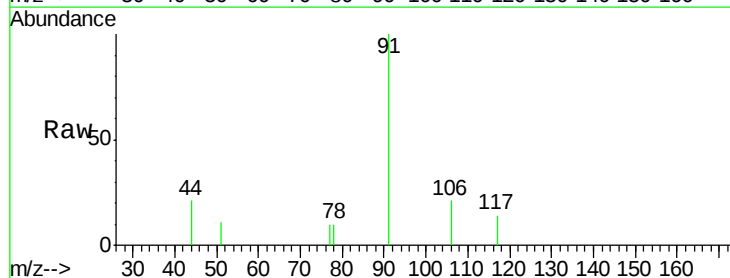
Manual Integrations
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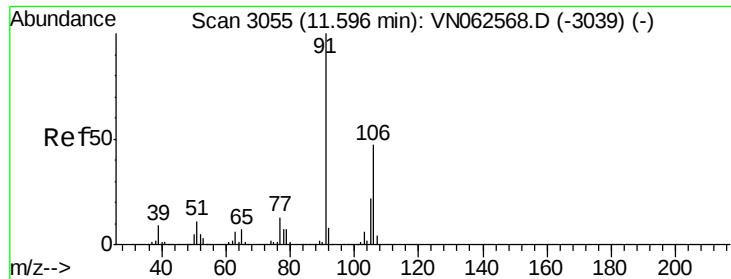
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#67
Ethyl Benzene
Concen: 0.263 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	20.8	23.8	35.8





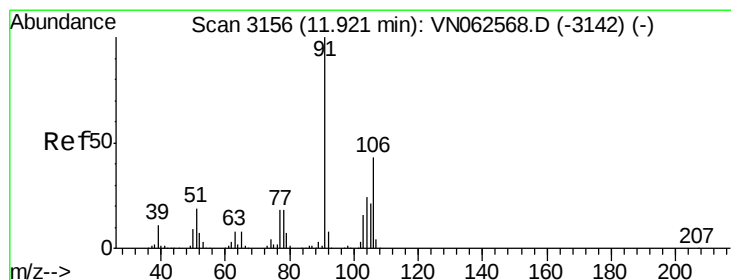
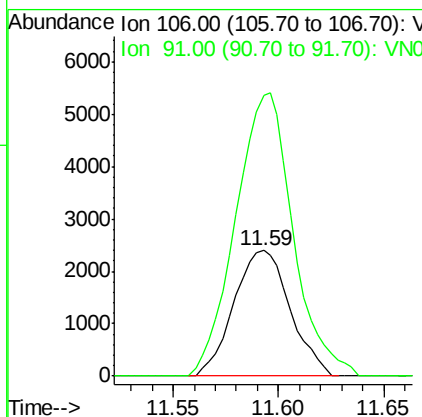
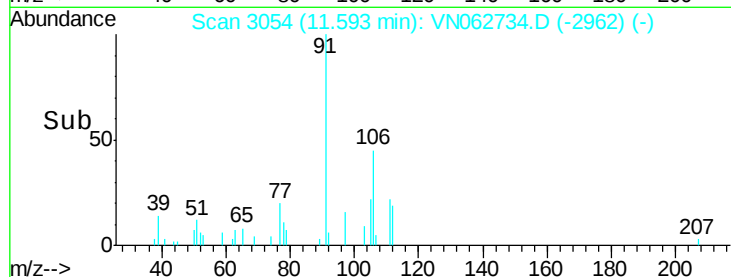
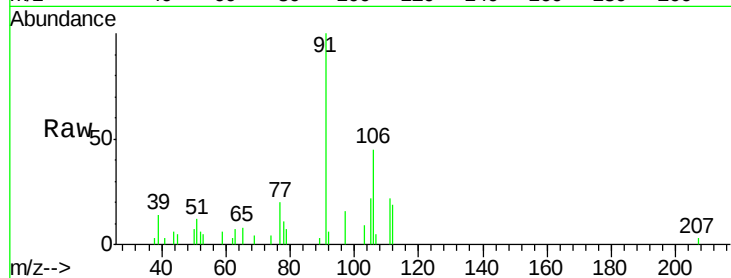
#68
m/p-Xylenes
Concen: 1.421 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
I-OC-5

Tot Ion:106 Resp: 4435
Ion Ratio Lower Upper
106 100
91 230.6 171.4 257.2

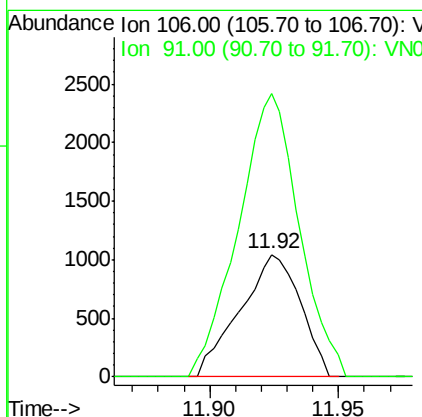
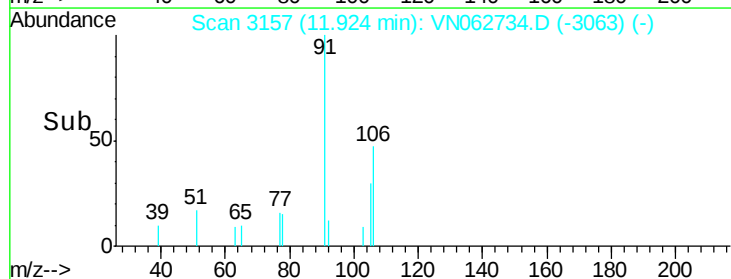
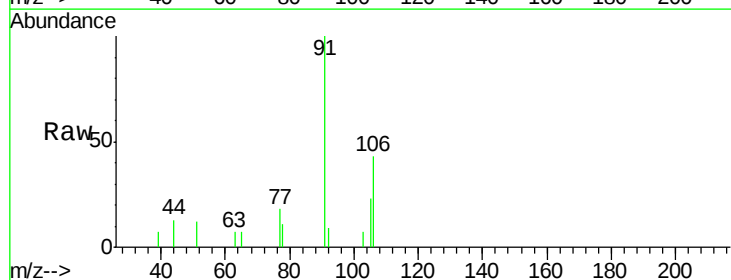
Manual Integrations
APPROVED

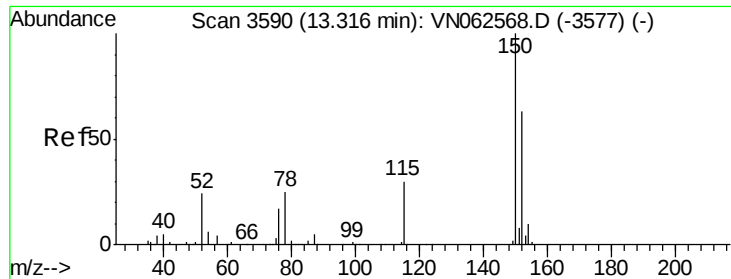
MMDadoda
8/4/2020 1:52:15 PM



#69
o-Xylene
Concen: 0.575 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Tgt Ion:106 Resp: 1704
Ion Ratio Lower Upper
106 100
91 233.2 113.8 341.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062734.D

Acq: 3 Aug 2020 14:37

Instrument :

MSVOA_N

ClientSampled :

I-OC-5

Tot Ion:152 Resp: 89041

Ion Ratio Lower Upper

152 100

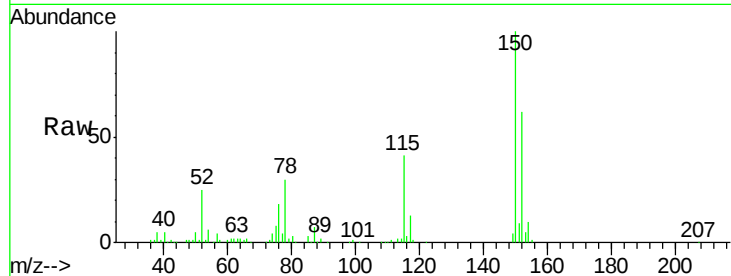
115 64.5 31.8 95.4

150 158.9 0.0 351.4

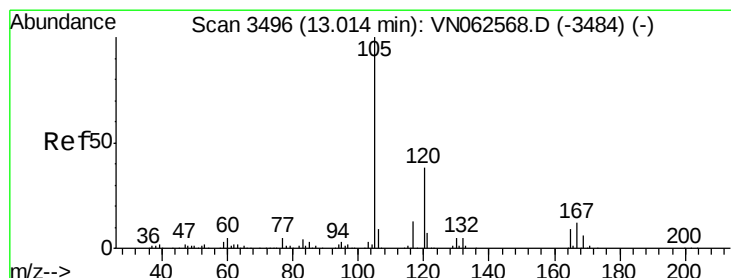
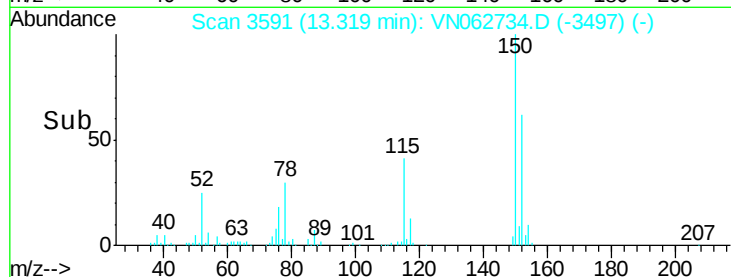
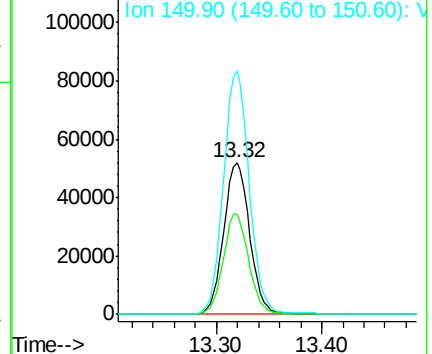
Manual Integrations
APPROVED

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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



#84

1,2,4-Trimethylbenzene

Concen: 0.450 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN062734.D

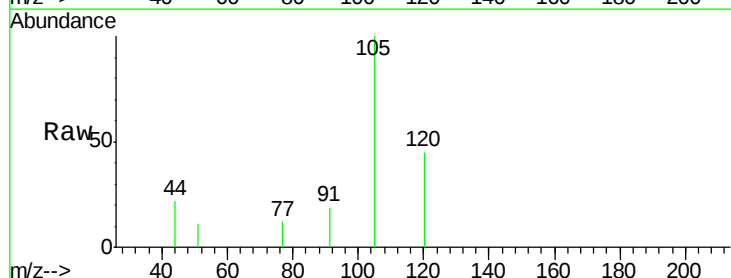
Acq: 3 Aug 2020 14:37

Tgt Ion:105 Resp: 2577

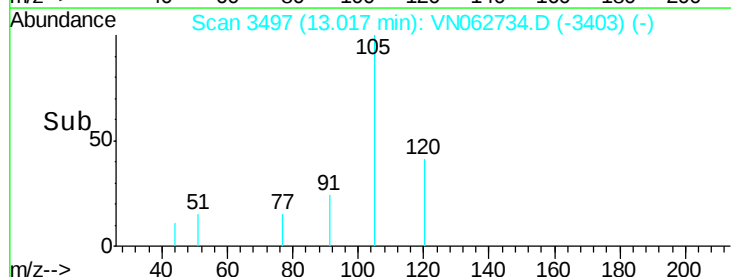
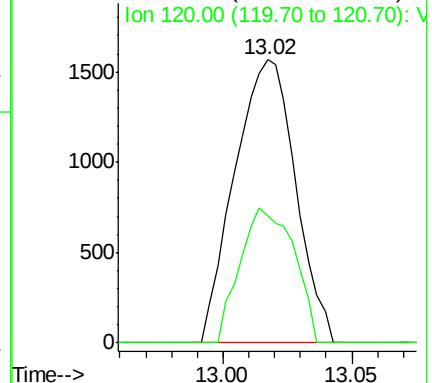
Ion Ratio Lower Upper

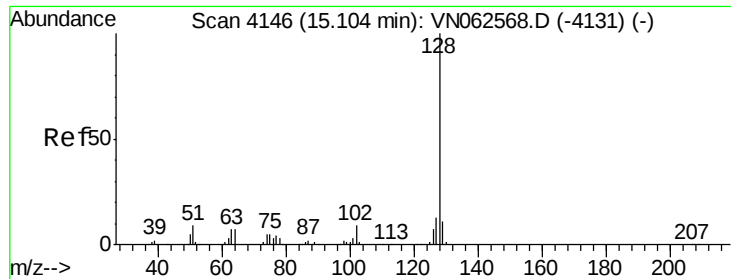
105 100

120 42.4 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 95.262 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062734.D
Acq: 3 Aug 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
I-OC-5

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.4	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:15 PM

