

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063751.D
 Acq On : 30 Sep 2020 15:55
 Operator : JC/MD
 Sample : L4129-18
 Misc : 7.78g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-3

Manual Integrations
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MMDadoda
 10/1/2020 2:40:33 PM

Quant Time: Oct 01 02:46:42 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	212257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	176666	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.55	113	125321	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	10.06	98	496148	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.38	95	209780	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	3622m	3.355	ug/l	
18) Methyl Acetate	4.29	43	10821m	3.861	ug/l	
20) Methylene Chloride	4.49	84	9140	3.787	ug/l	95
39) Methylcyclohexane	9.05	83	10274	2.605	ug/l	98
40) Benzene	8.00	78	44007	3.895	ug/l	99
52) Toluene	10.13	92	91078	13.033	ug/l	99
67) Ethyl Benzene	11.49	91	53506	3.587	ug/l	95
68) m/p-Xylenes	11.59	106	94627	17.023	ug/l	94
69) o-Xylene	11.92	106	46350	8.921	ug/l	99
78) n-propylbenzene	12.57	91	18755	1.155	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	52694	4.503	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	104464	8.941	ug/l	98
95) Naphthalene	15.10	128	698196	66.984	ug/l	100

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

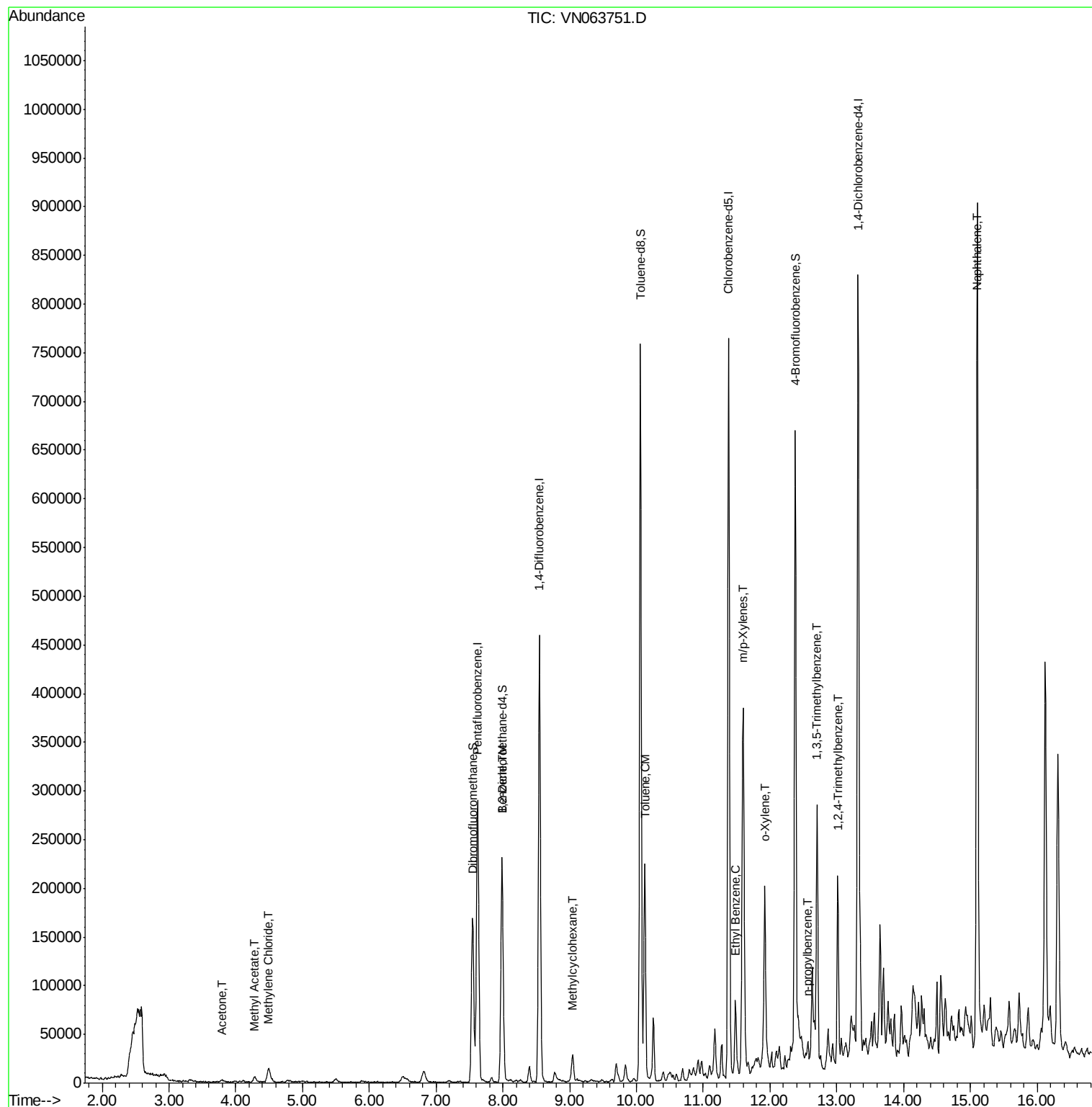
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093020\
Data File : VN063751.D
Acq On : 30 Sep 2020 15:55
Operator : JC/MD
Sample : L4129-18
Misc : 7.78g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

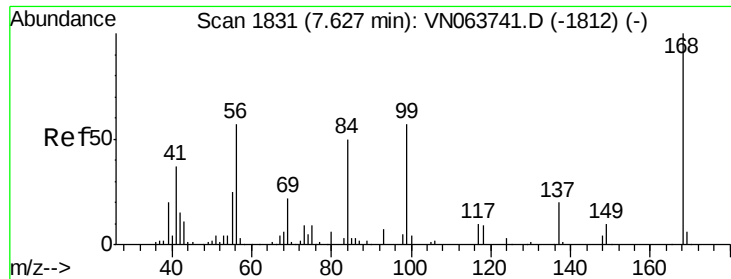
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

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10/1/2020 2:40:33 PM

Quant Time: Oct 01 02:46:42 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: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-3

Tot Ion:168 Resp: 212257

Ion Ratio Lower Upper

168 100

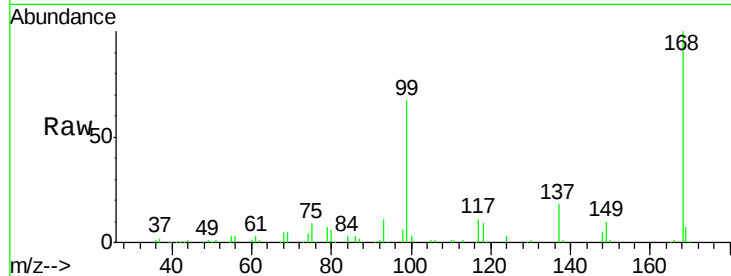
99 66.7 51.8 77.6

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

7.62

80000

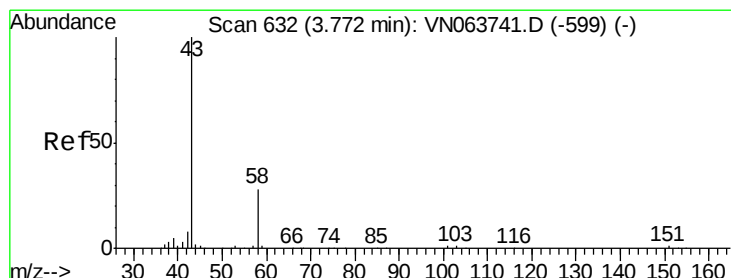
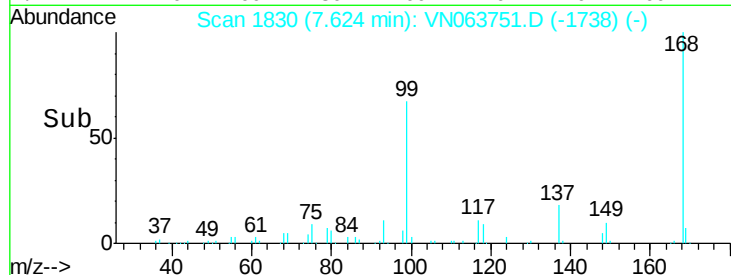
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 3.355 ug/l m

RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN063751.D

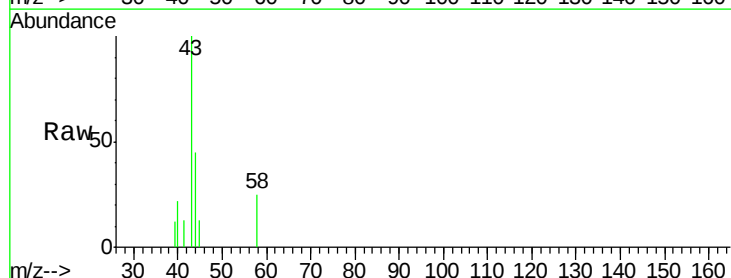
Acq: 30 Sep 2020 15:55

Tgt Ion: 43 Resp: 3622

Ion Ratio Lower Upper

43 100

58 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

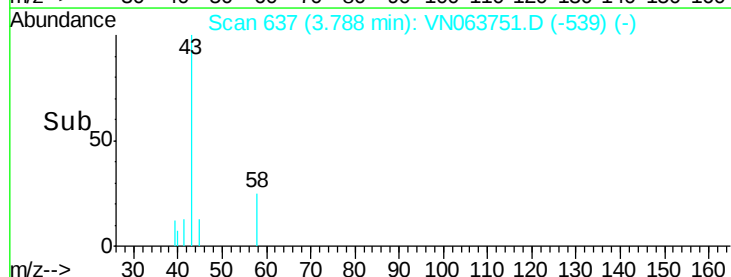
1500

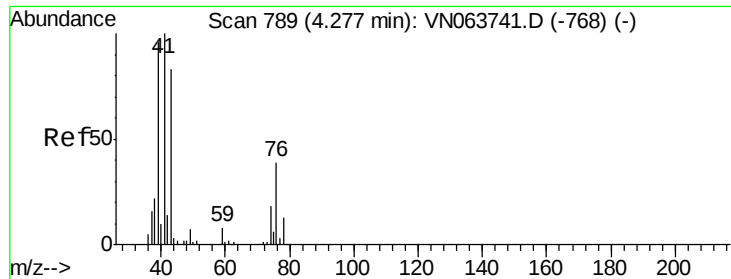
1000

500

0

Time--> 3.75 3.80 3.85





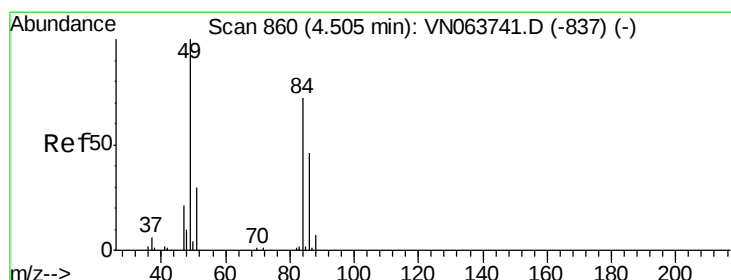
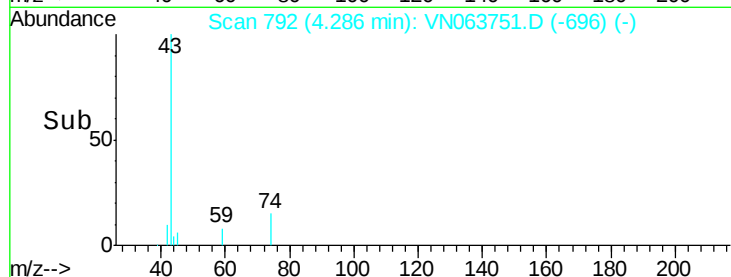
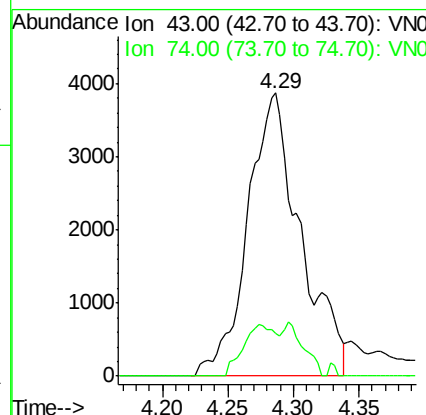
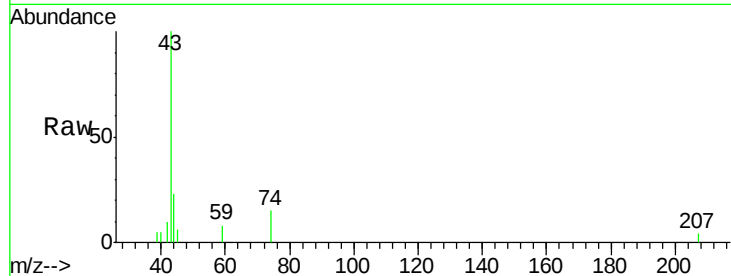
#18
Methyl Acetate
Concen: 3.861 ug/l m
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

Tot Ion: 43 Resp: 10821
Ion Ratio Lower Upper
43 100
74 7.4 17.4 26.2#

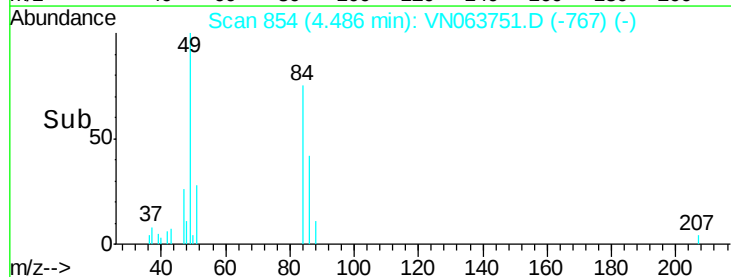
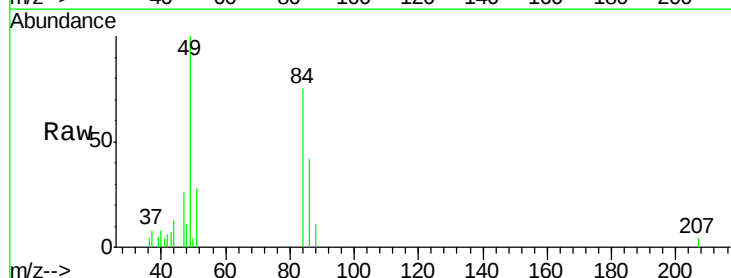
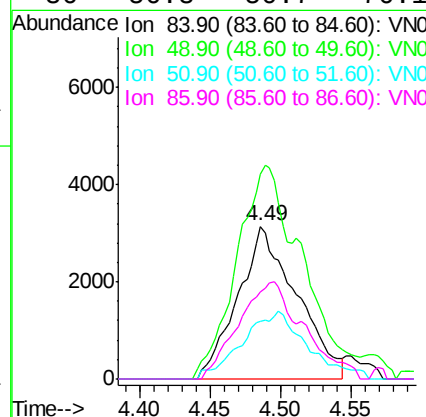
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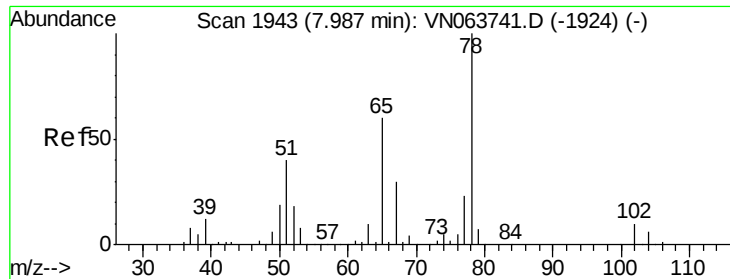
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#20
Methylene Chloride
Concen: 3.787 ug/l
RT: 4.49 min Scan# 854
Delta R.T. -0.02 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion: 84 Resp: 9140
Ion Ratio Lower Upper
84 100
49 133.8 110.4 165.6
51 38.1 33.3 49.9
86 56.8 50.7 76.1





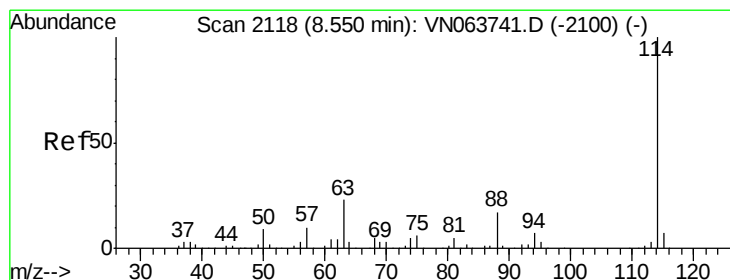
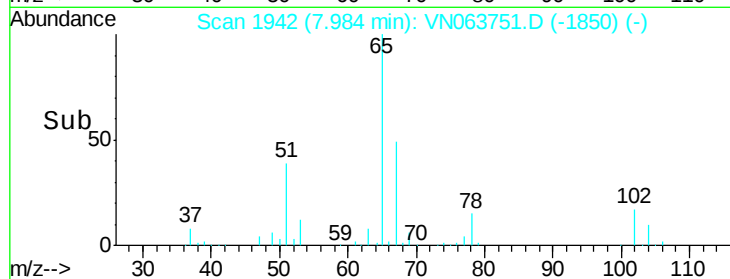
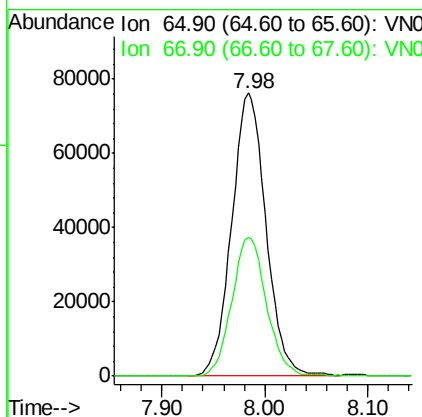
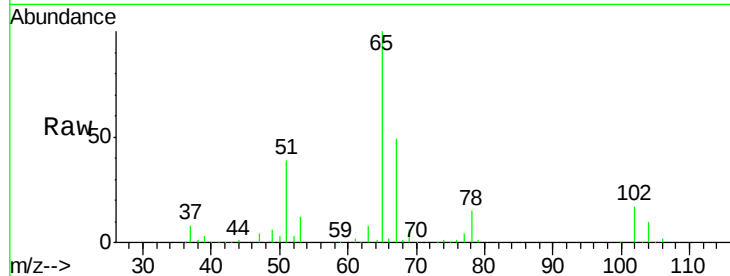
#33
 1,2-Dichloroethane-d4
 Concen: 50.381 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176666		
67	49.3	0.0	99.6	

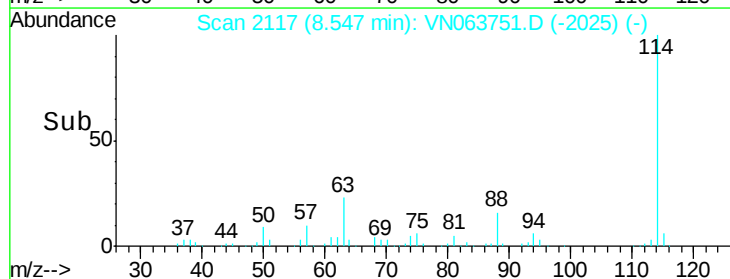
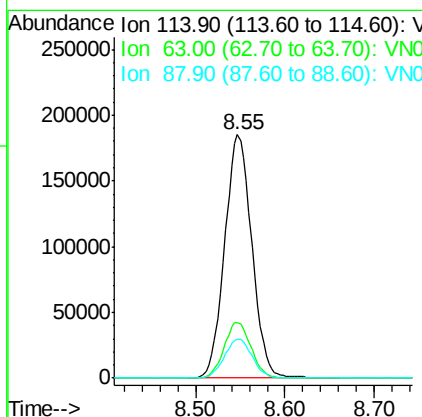
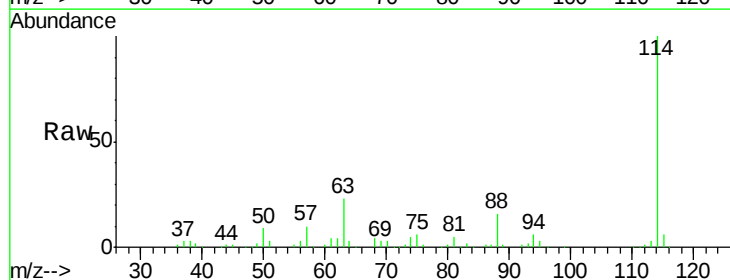
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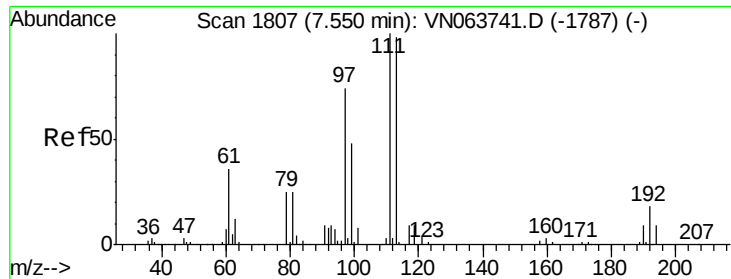
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	390431		
63	22.9	0.0	45.0	
88	16.1	0.0	34.0	





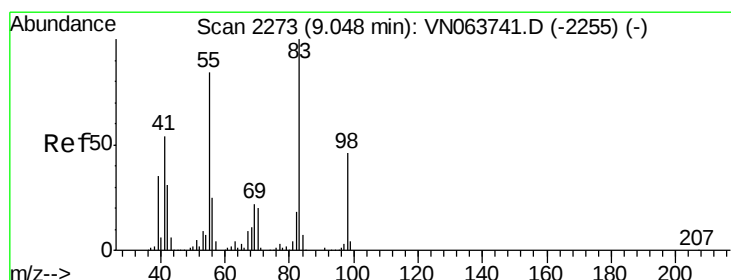
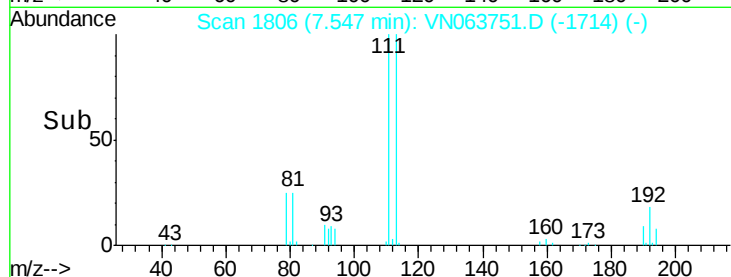
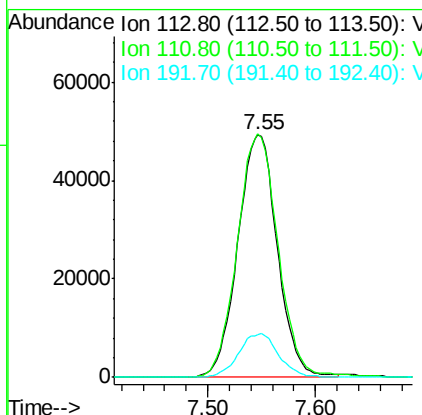
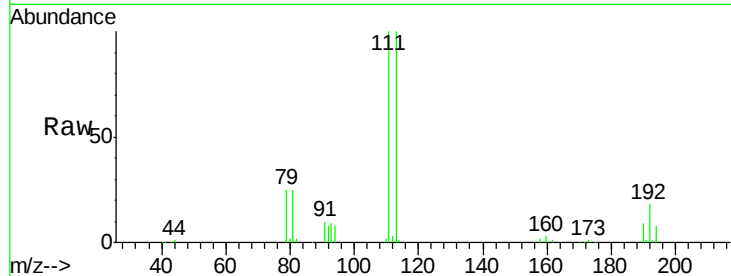
#35
Dibromofluoromethane
Concen: 46.259 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125321		
111	102.6	81.8	122.8	
192	18.3	14.2	21.2	

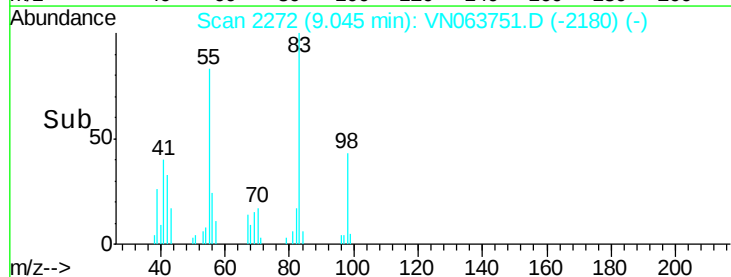
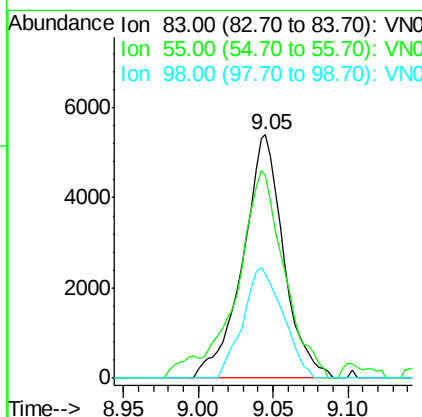
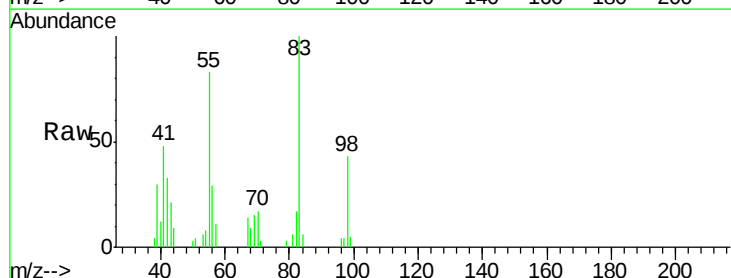
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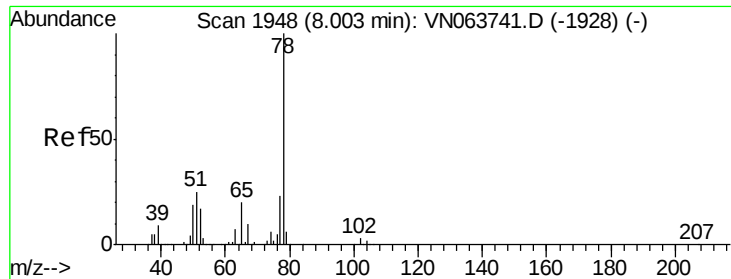
MMDadoda
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#39
Methylcyclohexane
Concen: 2.605 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	10274		
55	83.4	67.1	100.7	
98	42.7	36.6	54.8	





#40

Benzene

Concen: 3.895 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

DRUM-COMP-3

Tot Ion: 78 Resp: 44007

Ion Ratio Lower Upper

78 100

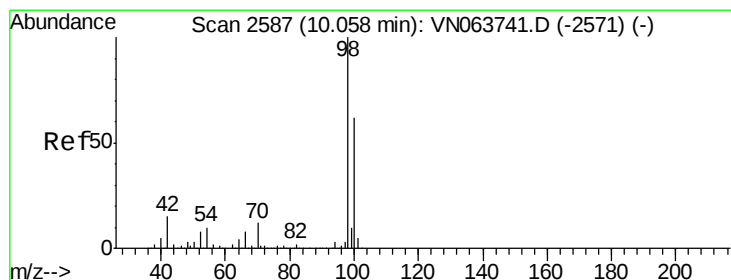
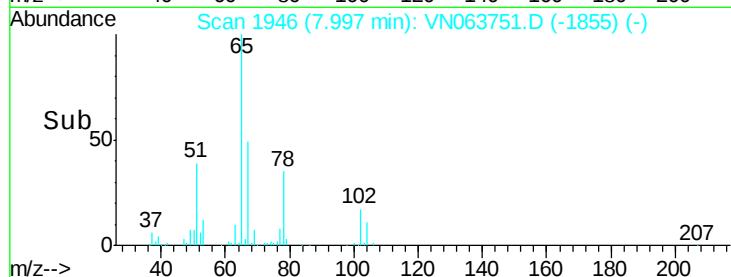
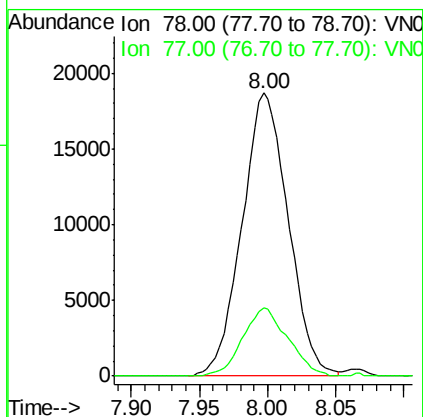
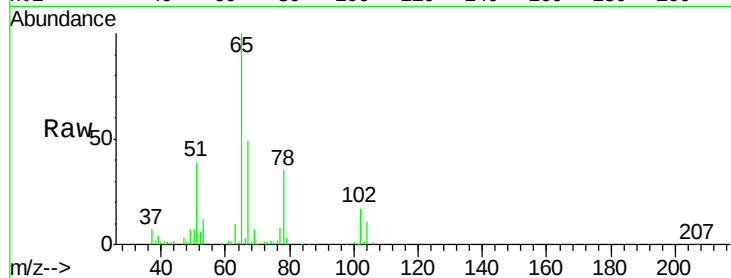
77 24.1 18.7 28.1

Manual Integrations

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#50

Toluene-d8

Concen: 48.311 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063751.D

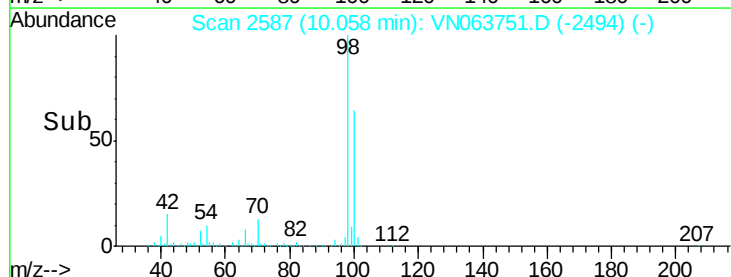
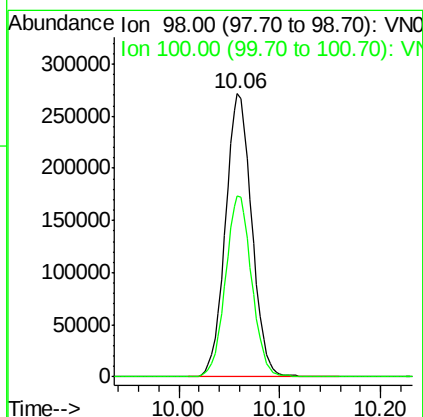
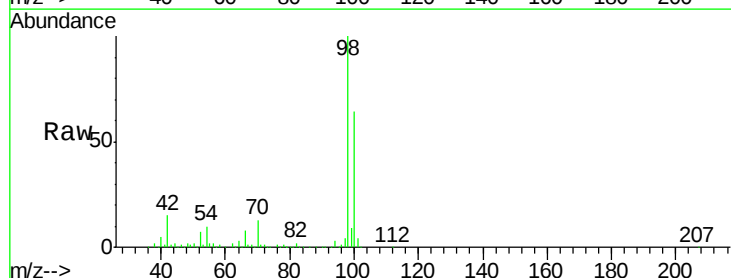
Acq: 30 Sep 2020 15:55

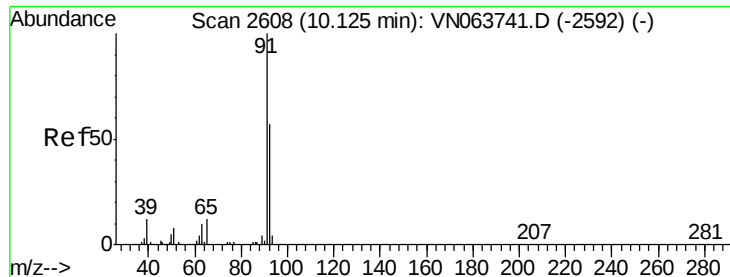
Tgt Ion: 98 Resp: 496148

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.6





#52

Toluene

Concen: 13.033 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-3

Tot Ion: 92 Resp: 91078

Ion Ratio Lower Upper

92 100

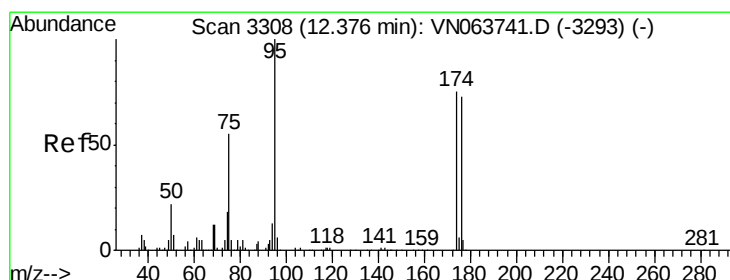
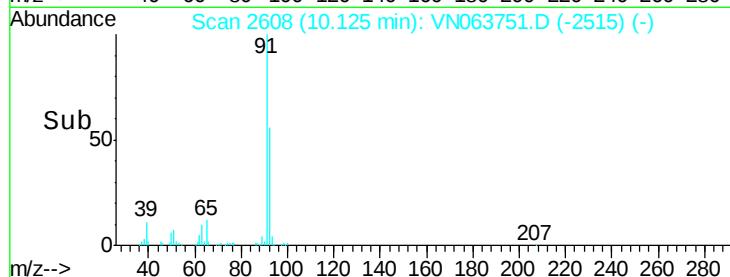
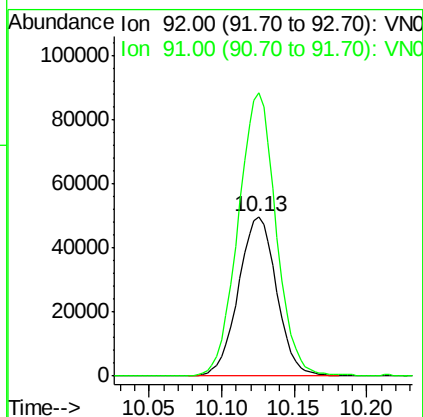
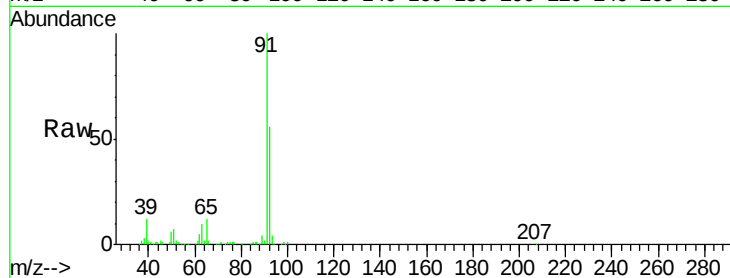
91 176.5 140.6 210.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 54.339 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

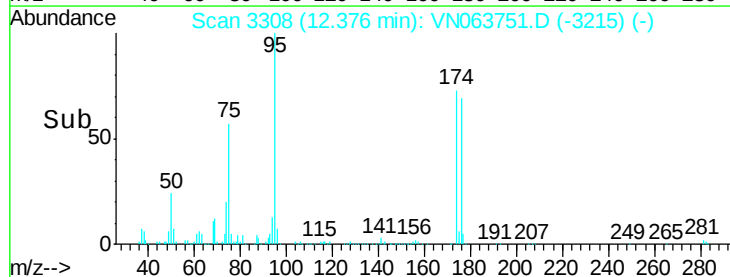
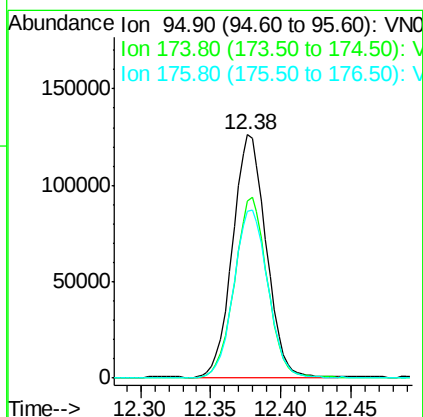
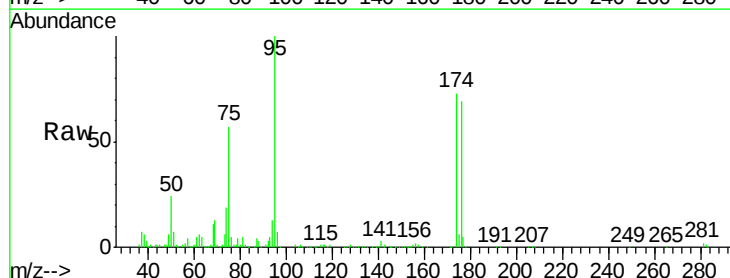
Tgt Ion: 95 Resp: 209780

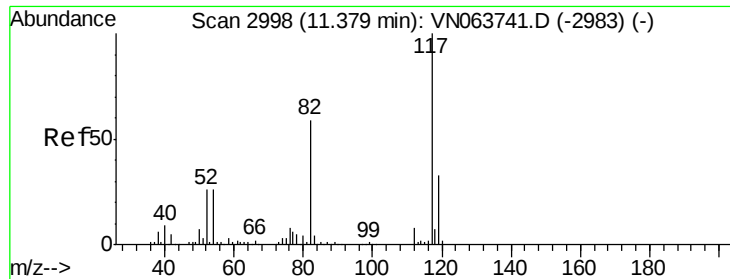
Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.6

176 70.9 0.0 145.4





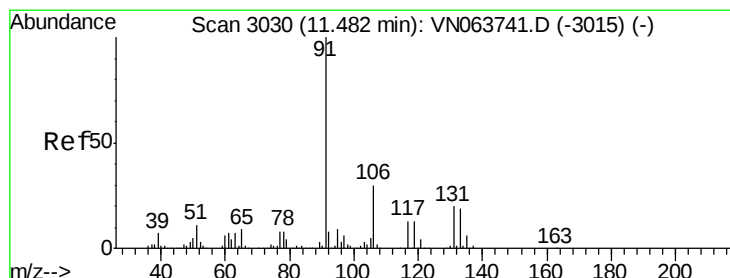
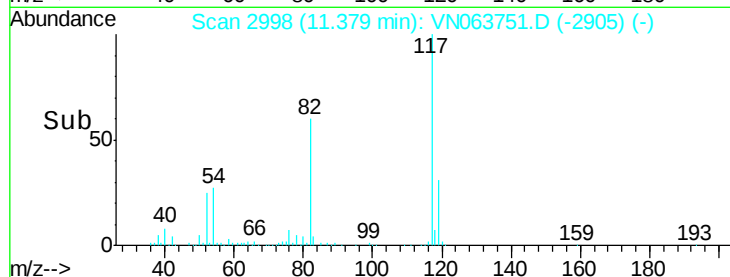
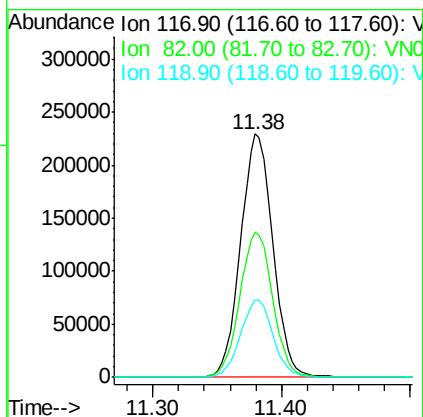
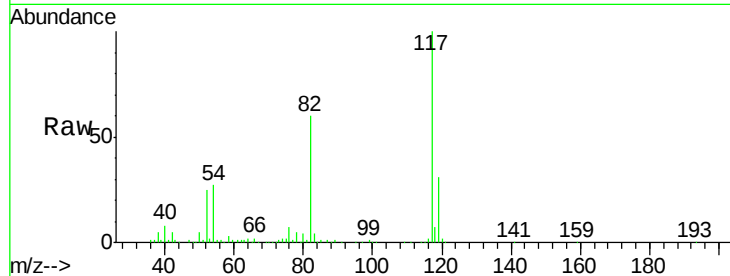
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
117	100	399578		
82	59.5	47.4	71.2	
119	31.5	26.4	39.6	

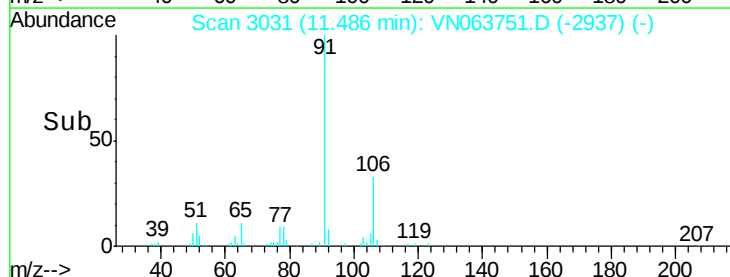
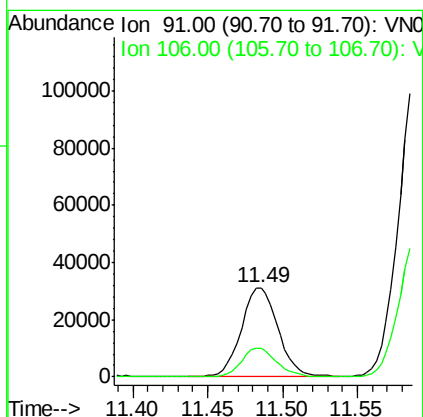
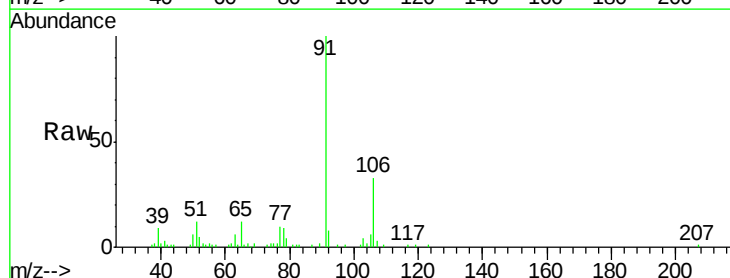
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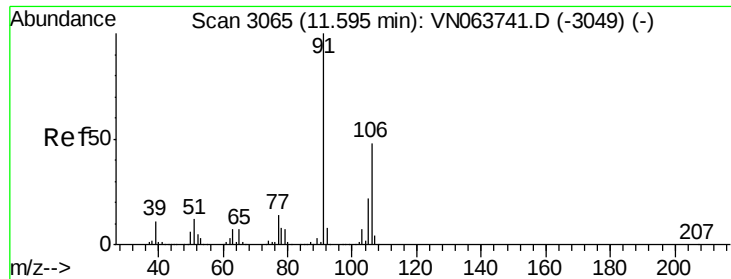
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10/1/2020 2:40:33 PM



#67
Ethyl Benzene
Concen: 3.587 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	53506		
106	32.6	24.2	36.2	





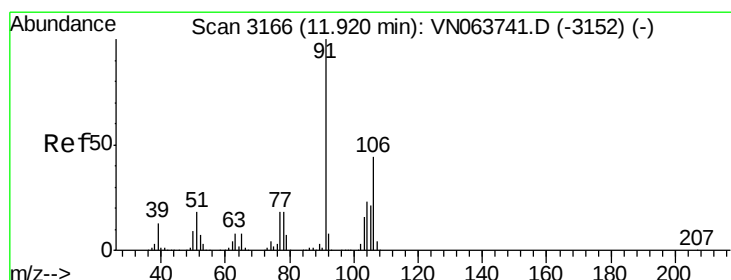
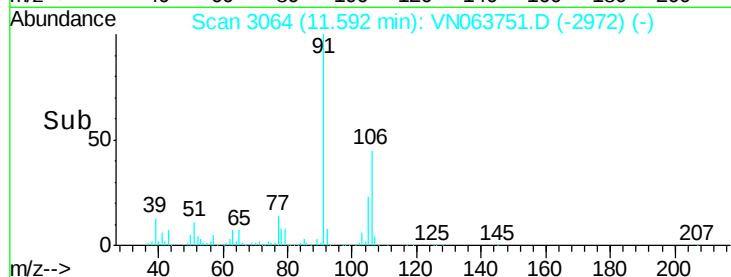
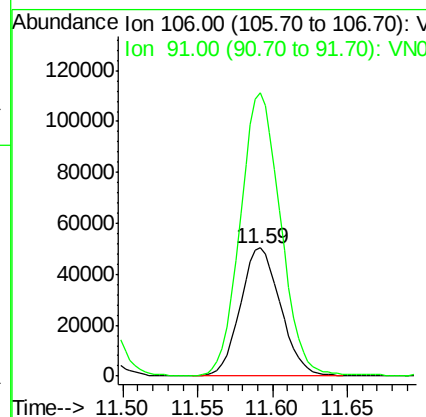
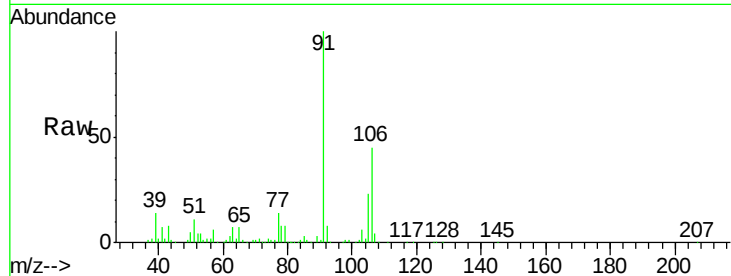
#68
m/p-Xylenes
Concen: 17.023 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

Tot Ion:106 Resp: 94627
Ion Ratio Lower Upper
106 100
91 219.2 168.0 252.0

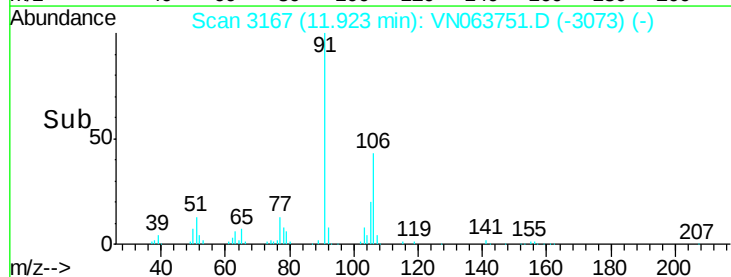
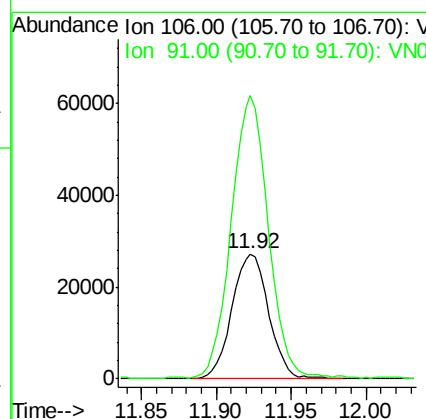
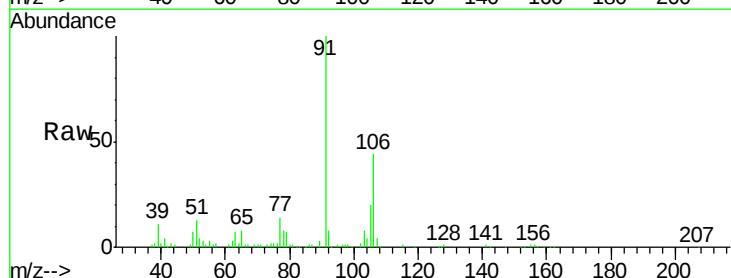
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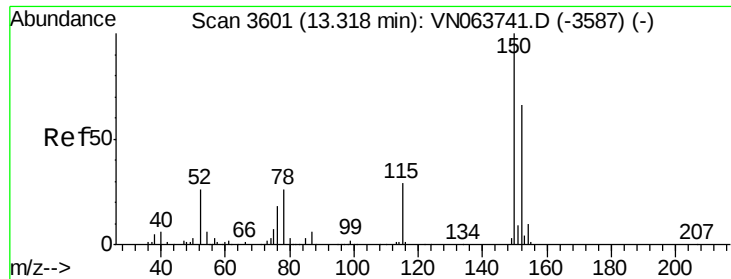
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#69
o-Xylene
Concen: 8.921 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Tgt Ion:106 Resp: 46350
Ion Ratio Lower Upper
106 100
91 226.3 112.7 338.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063751.D

Acq: 30 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-3

Tot Ion:152 Resp: 191235

Ion Ratio Lower Upper

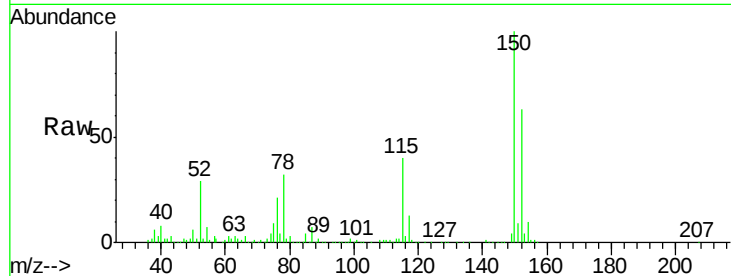
152 100

115 62.7 31.3 93.8

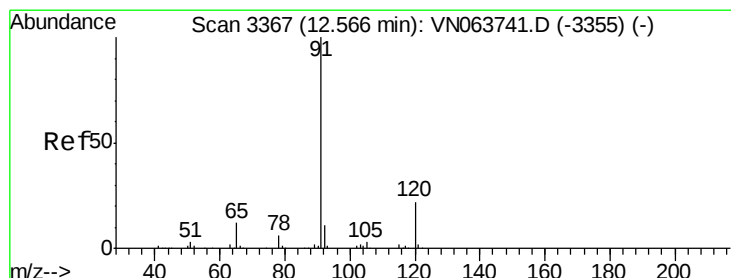
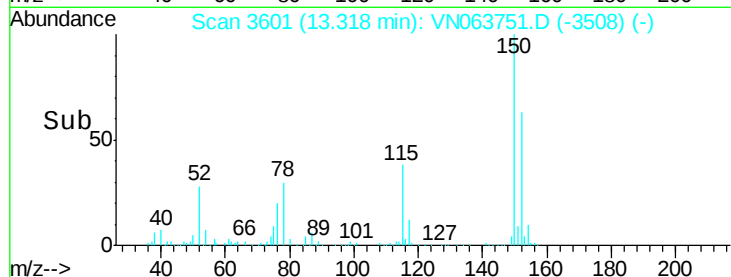
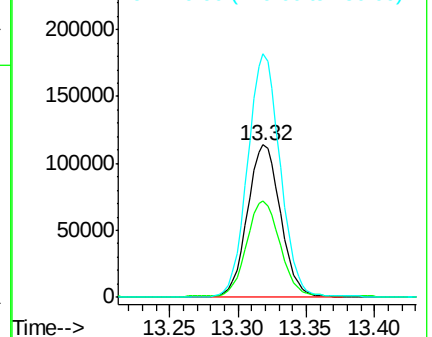
150 158.4 0.0 341.8

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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



#78

n-propylbenzene

Concen: 1.155 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063751.D

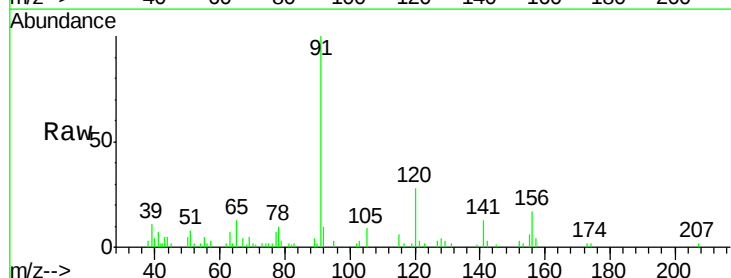
Acq: 30 Sep 2020 15:55

Tgt Ion: 91 Resp: 18755

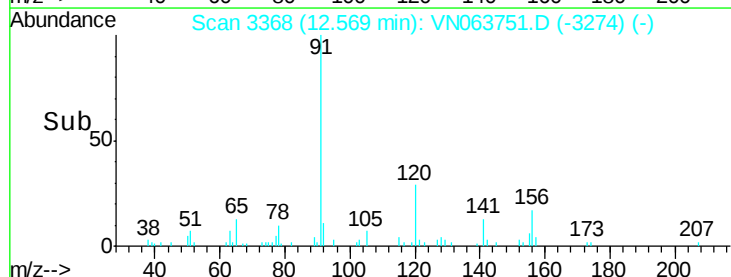
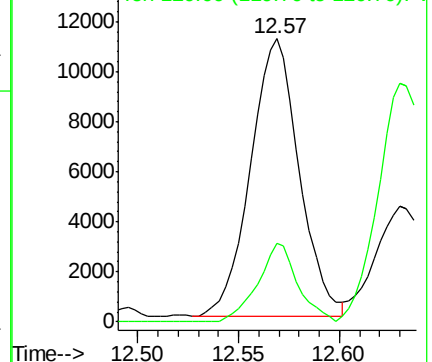
Ion Ratio Lower Upper

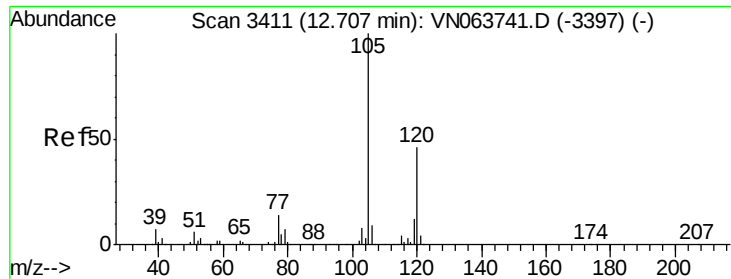
91 100

120 23.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.00 (119.70 to 120.70): V





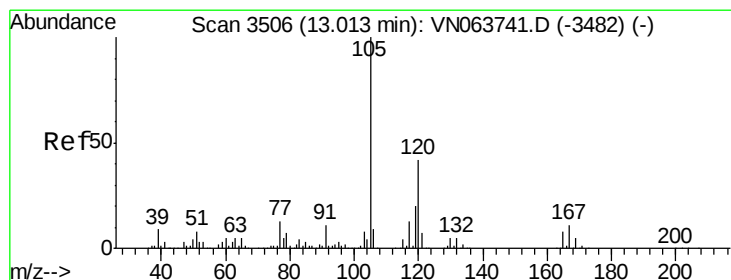
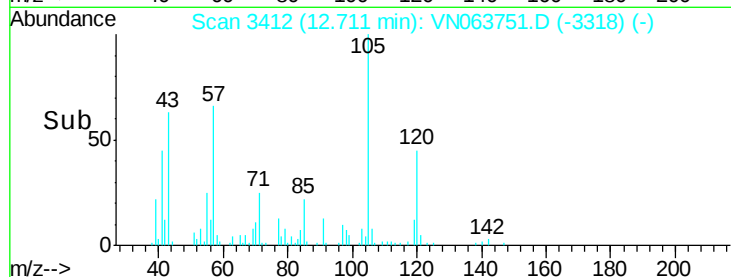
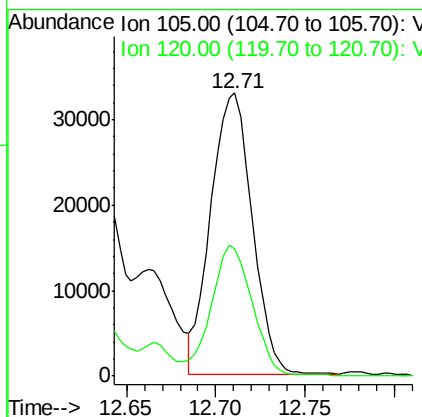
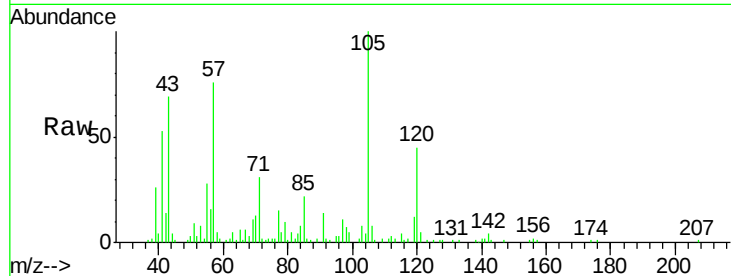
#80
 1,3,5-Trimethylbenzene
 Concen: 4.503 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-3

Tot Ion:105 Resp: 52694
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9

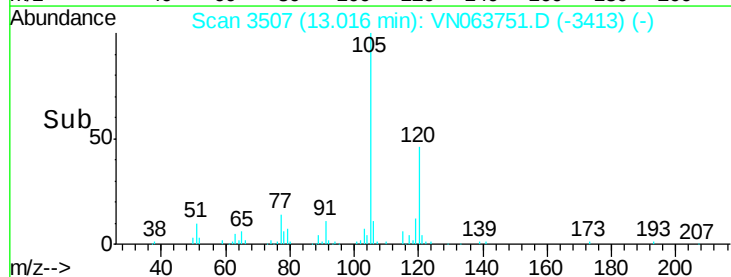
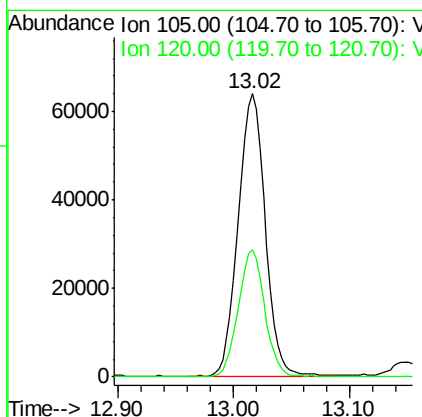
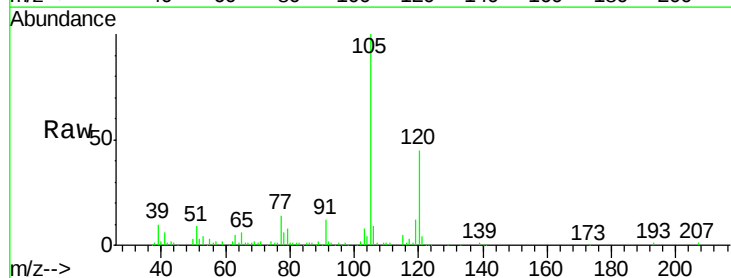
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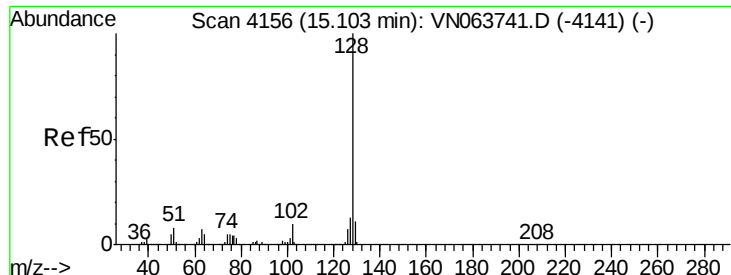
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#84
 1,2,4-Trimethylbenzene
 Concen: 8.941 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063751.D
 Acq: 30 Sep 2020 15:55

Tgt Ion:105 Resp: 104464
 Ion Ratio Lower Upper
 105 100
 120 43.4 20.9 62.7





#95
Naphthalene
Concen: 66.984 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063751.D
Acq: 30 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
128	100	698196		
127	13.3		10.5	15.7
129	10.8		8.7	13.1

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