

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063099.D
 Acq On : 24 Aug 2020 16:40
 Operator : JC/MD
 Sample : L3771-02 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 12:14:10 PM

Quant Time: Aug 25 01:42:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	144628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96525	56.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.62%	
35) Dibromofluoromethane	7.54	113	80054	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.06	98	306417	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.38	95	103524	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.29	43	3263m	1.916	ug/l	
20) Methylene Chloride	4.47	84	3979	1.333	ug/l #	81
52) Toluene	10.12	92	7727	1.838	ug/l	99
67) Ethyl Benzene	11.49	91	17886	2.204	ug/l	98
68) m/p-Xylenes	11.59	106	26533	8.796	ug/l	100
69) o-Xylene	11.92	106	15165	5.235	ug/l	96
78) n-propylbenzene	12.57	91	19507	2.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	28722	4.828	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	119160	20.561	ug/l	99
89) n-Butylbenzene	13.59	91	5345	3.652	ug/l #	73
95) Naphthalene	15.11	128	50441	16.315	ug/l	99

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

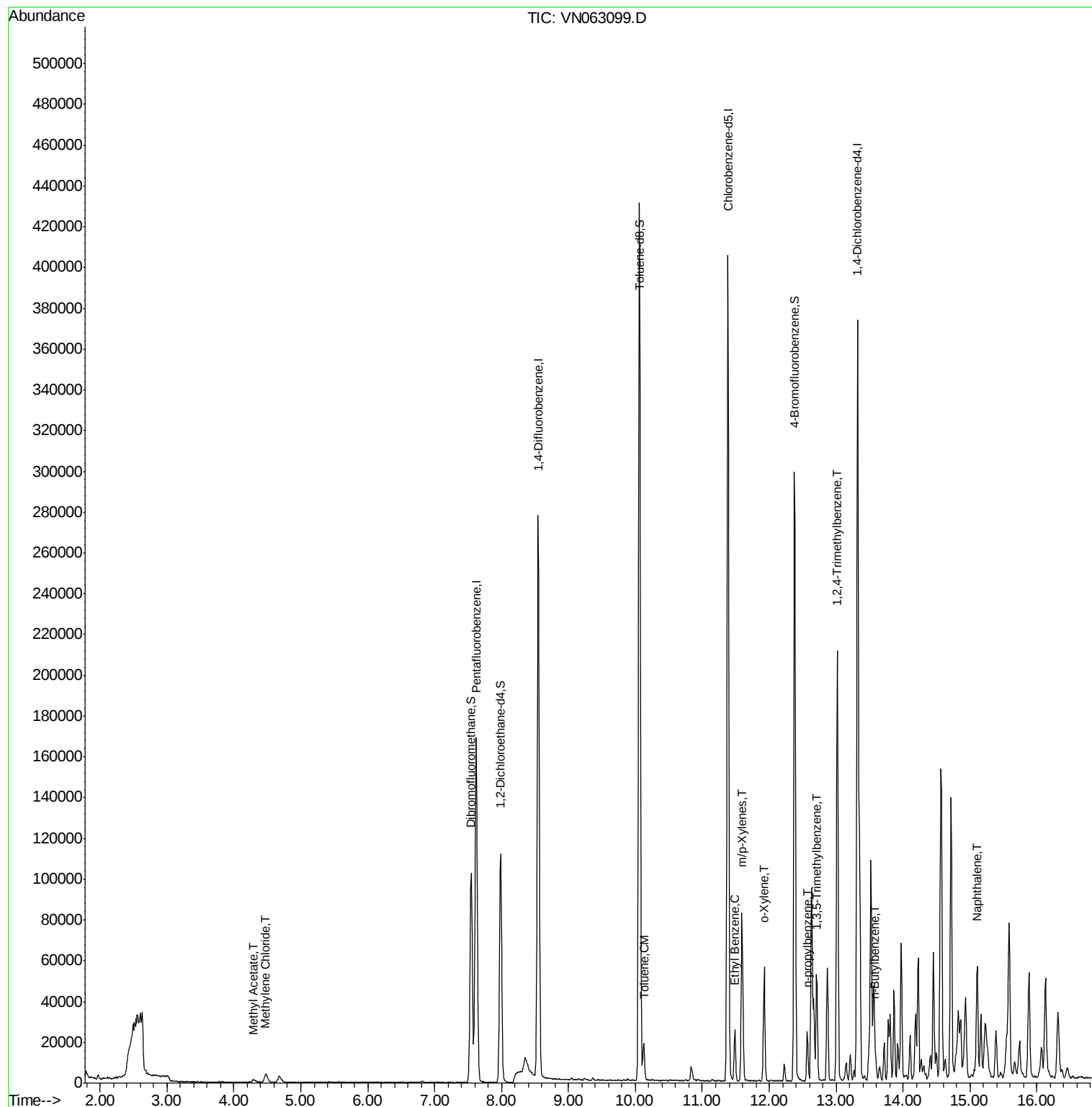
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082420\
Data File : VN063099.D
Acq On : 24 Aug 2020 16:40
Operator : JC/MD
Sample : L3771-02 100X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

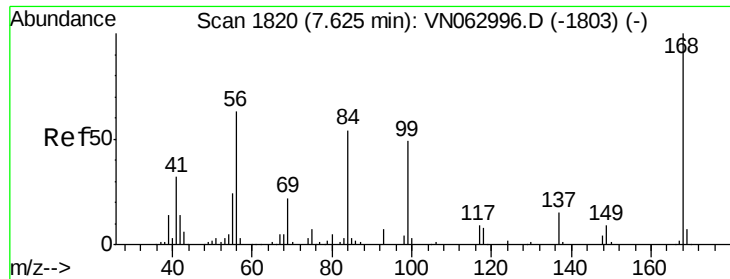
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Manual Integrations
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Quant Time: Aug 25 01:42:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

Tot Ion:168 Resp: 144628

Ion Ratio Lower Upper

168 100

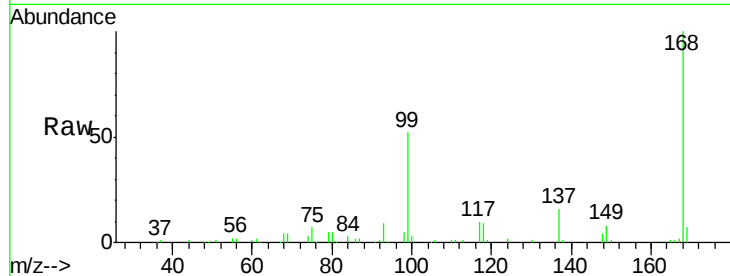
99 52.5 42.0 63.0

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

60000

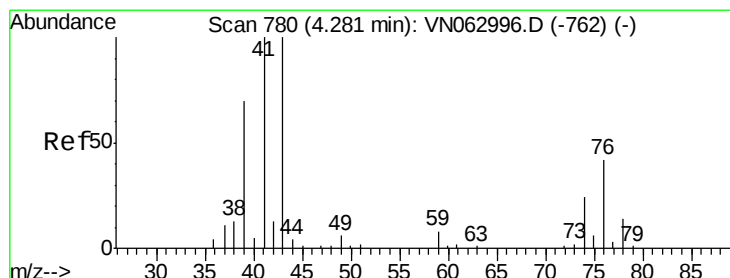
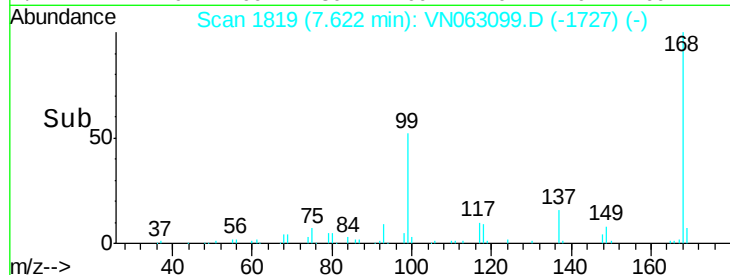
40000

20000

0

7.50 7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 1.916 ug/l m

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN063099.D

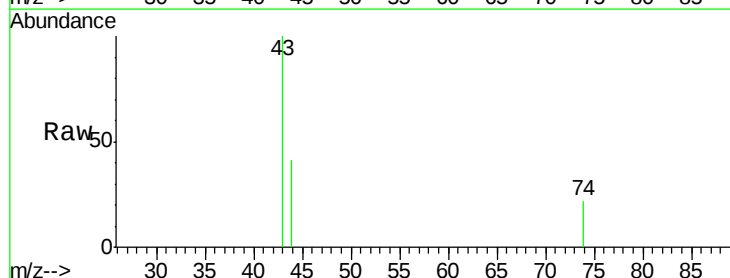
Acq: 24 Aug 2020 16:40

Tgt Ion: 43 Resp: 3263

Ion Ratio Lower Upper

43 100

74 9.9 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

1200

1000

800

600

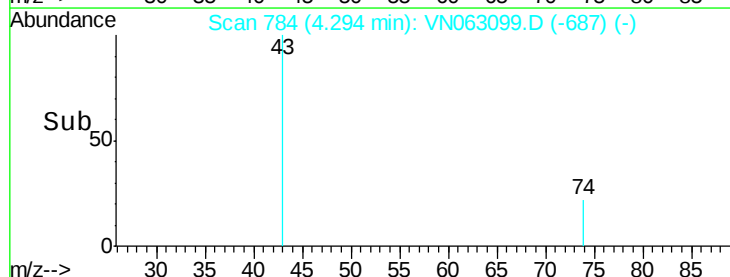
400

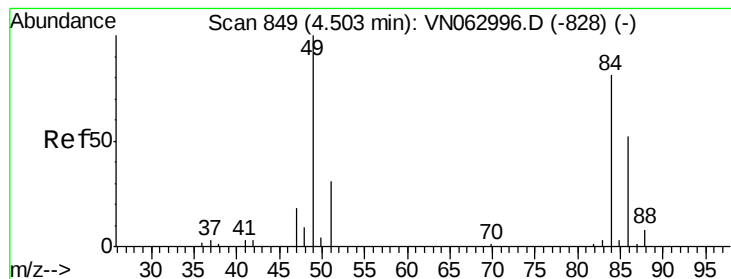
200

0

4.25 4.30 4.35

Time-->





#20

Methylene Chloride

Concen: 1.333 ug/l

RT: 4.47 min Scan# 840

Delta R.T. -0.03 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

Tot Ion: 84 Resp: 3979

Ion Ratio Lower Upper

84 100

49 94.6 98.7 148.1#

51 32.2 30.8 46.2

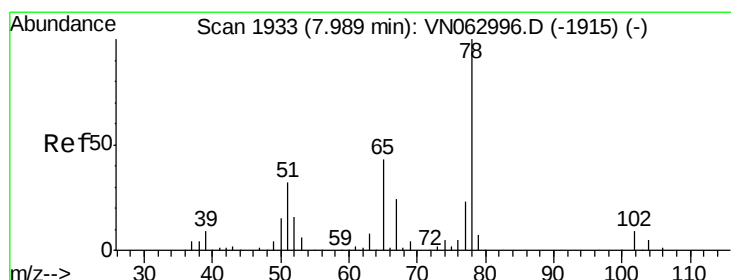
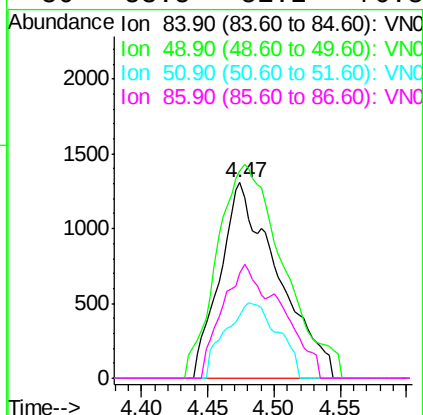
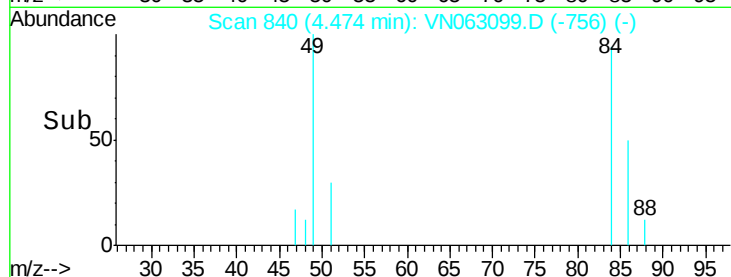
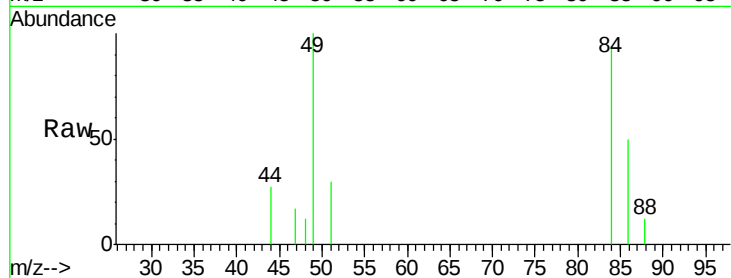
86 53.5 51.2 76.8

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#33

1,2-Dichloroethane-d4

Concen: 56.312 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063099.D

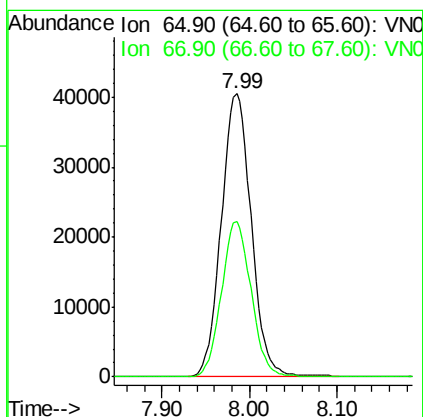
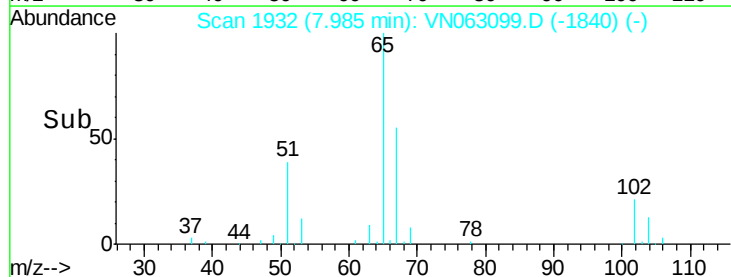
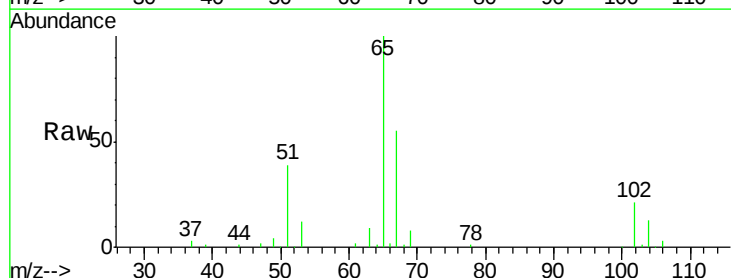
Acq: 24 Aug 2020 16:40

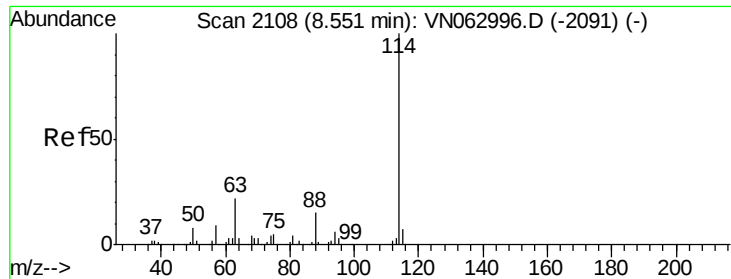
Tgt Ion: 65 Resp: 96525

Ion Ratio Lower Upper

65 100

67 54.1 0.0 112.0





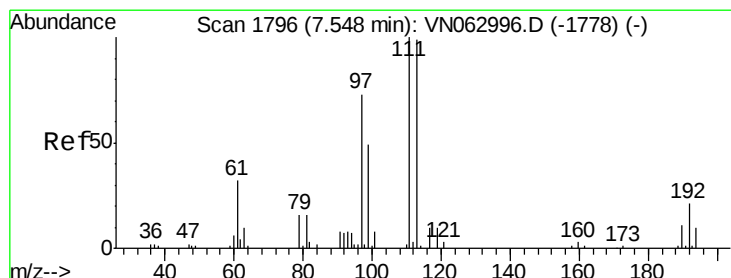
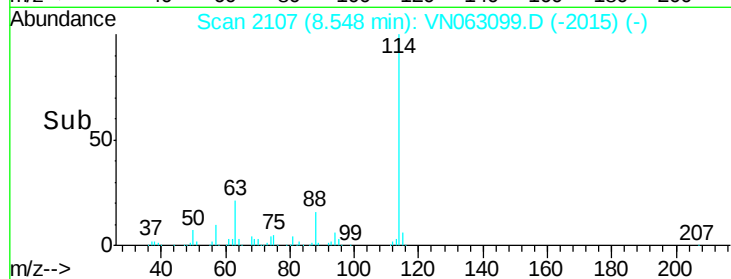
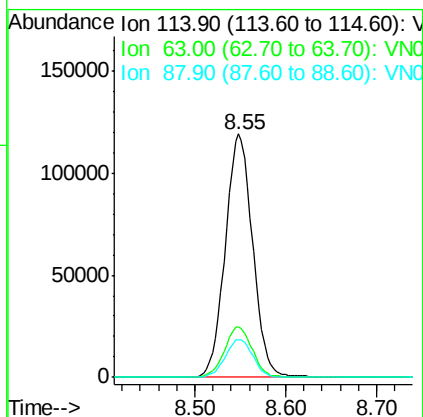
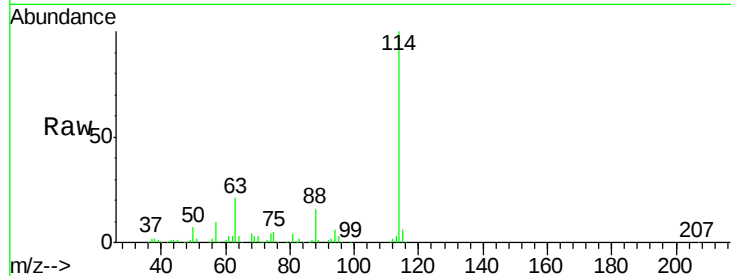
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063099.D
 Acq: 24 Aug 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.7	0.0	30.6

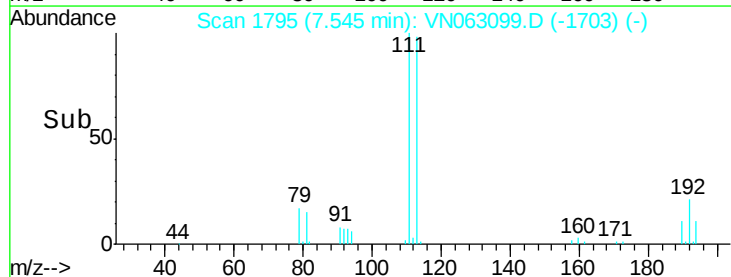
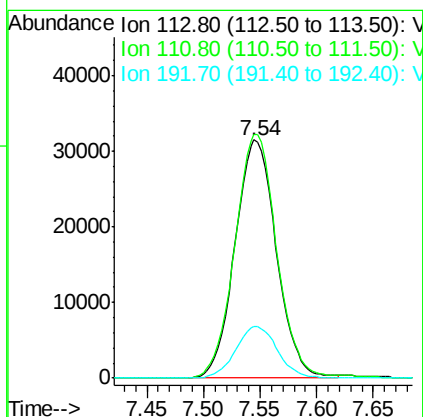
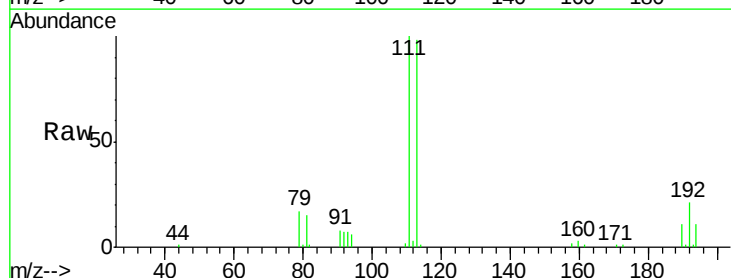
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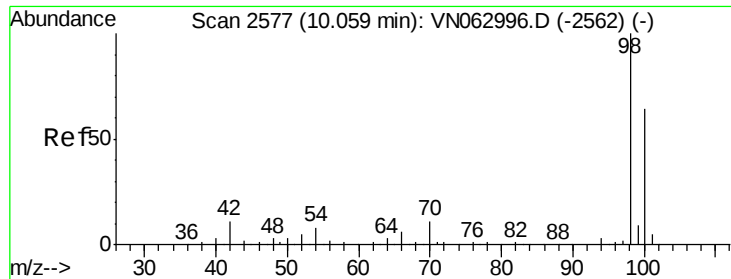
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#35
 Dibromofluoromethane
 Concen: 49.278 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN063099.D
 Acq: 24 Aug 2020 16:40

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.9	81.7	122.5
192	21.7	17.5	26.3





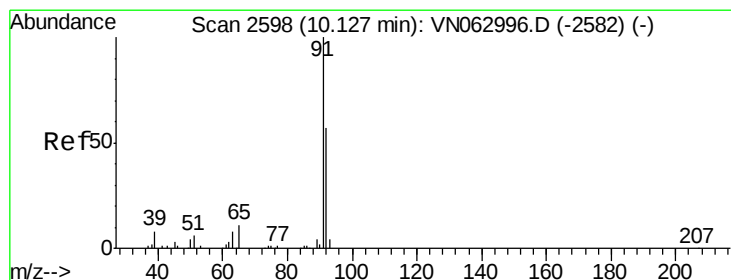
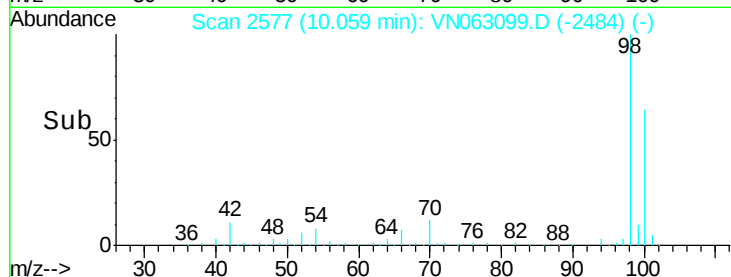
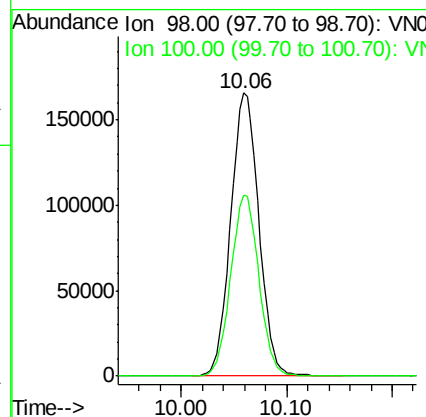
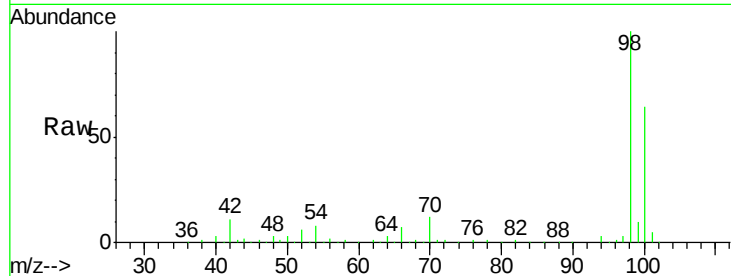
#50
Toluene-d8
Concen: 49.106 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion: 98 Resp: 306417
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8

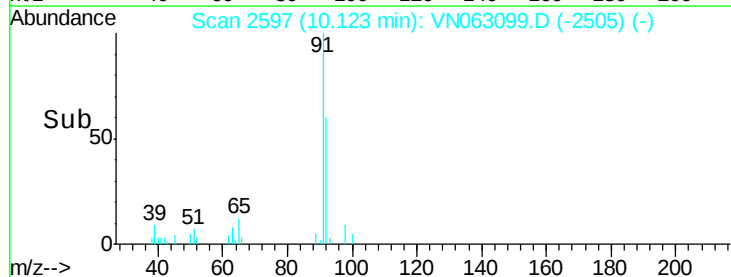
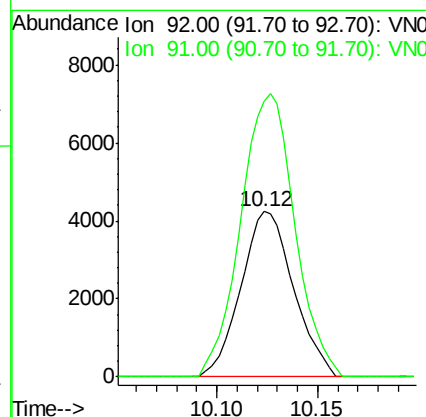
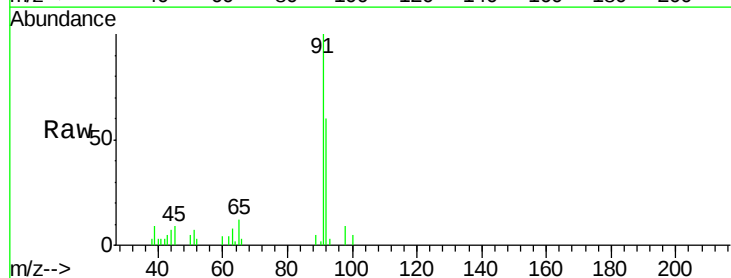
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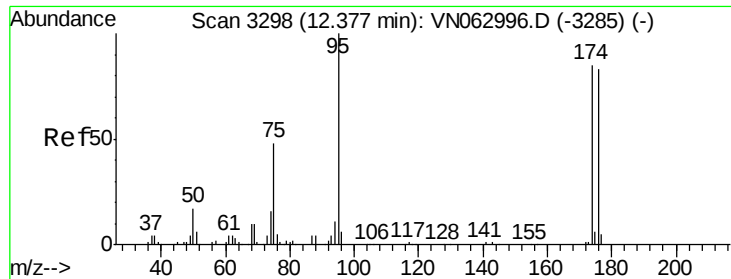
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#52
Toluene
Concen: 1.838 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Tgt Ion: 92 Resp: 7727
Ion Ratio Lower Upper
92 100
91 176.0 139.2 208.8





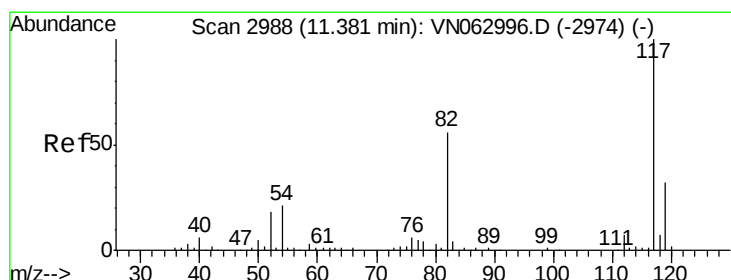
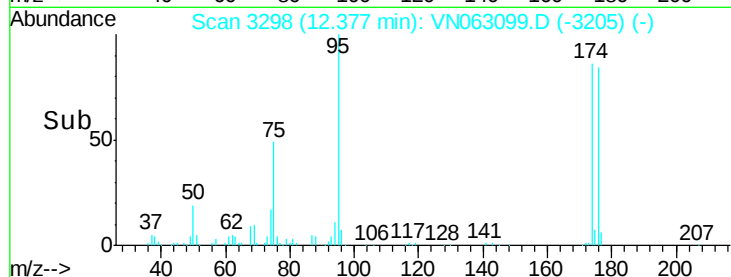
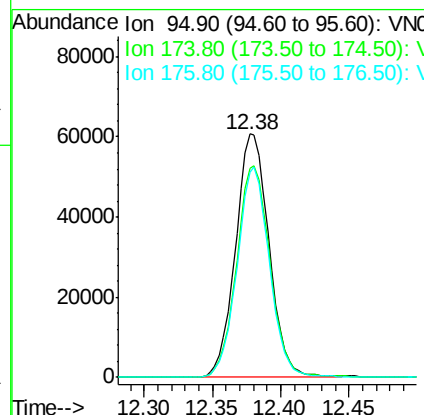
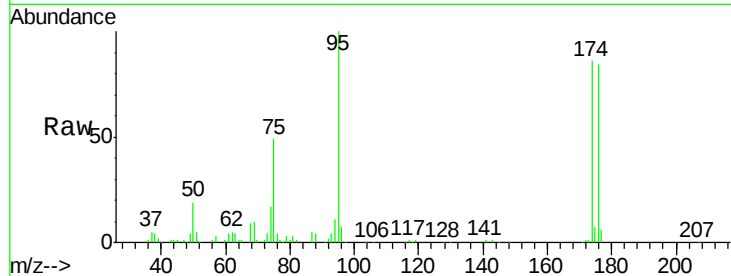
#62
4-Bromofluorobenzene
Concen: 47.014 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	103524		
174	86.7	0.0	170.8	
176	83.3	0.0	164.8	

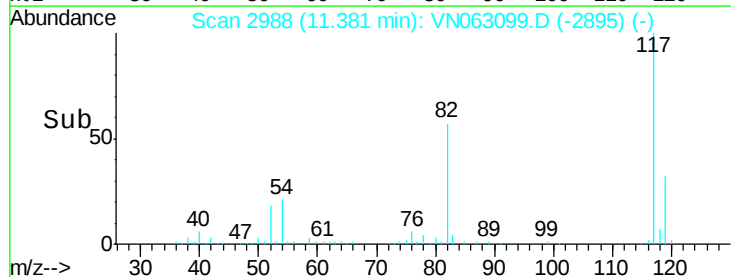
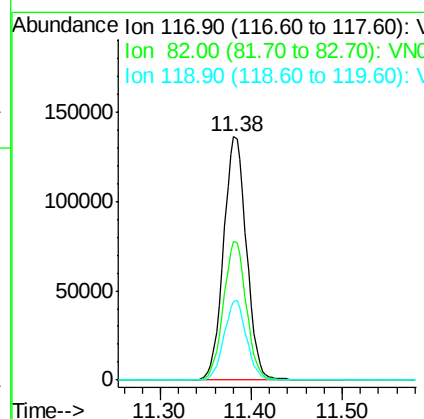
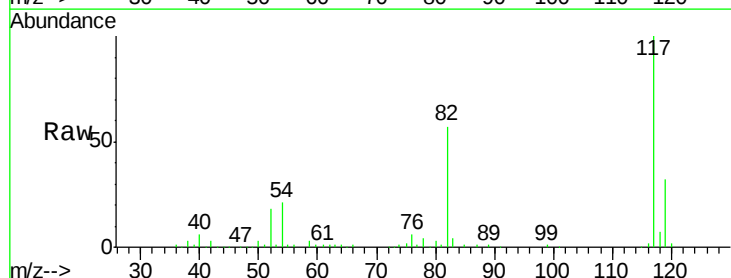
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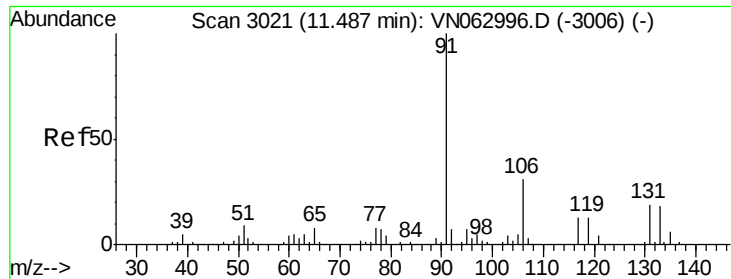
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	239173		
82	57.0	44.5	66.7	
119	32.5	25.5	38.3	





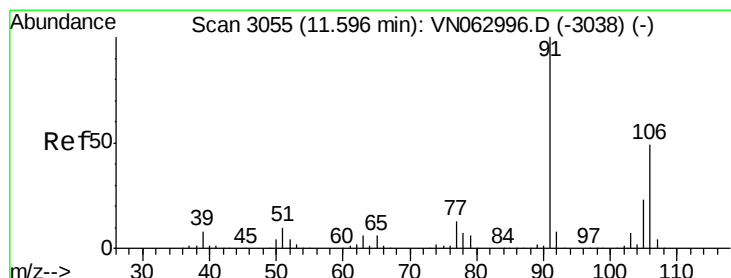
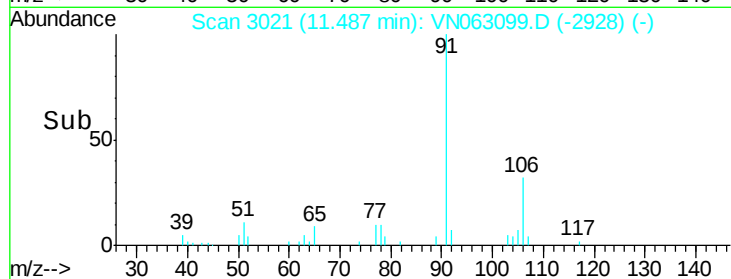
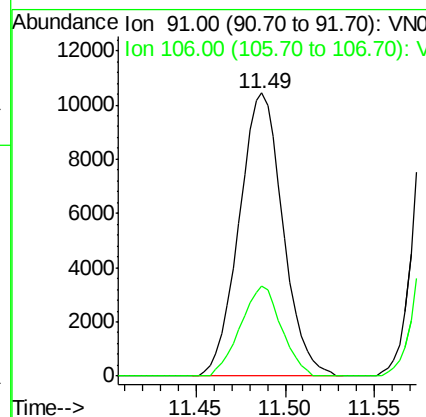
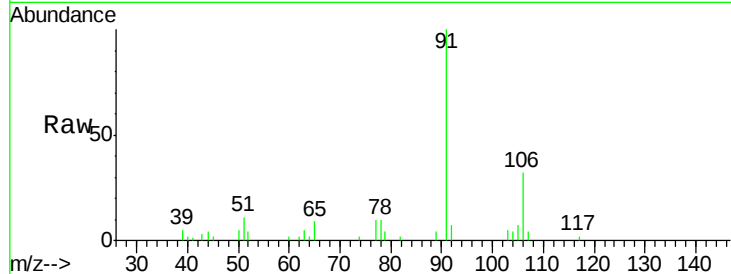
#67
Ethyl Benzene
Concen: 2.204 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion: 91 Resp: 17886
Ion Ratio Lower Upper
91 100
106 32.1 24.6 37.0

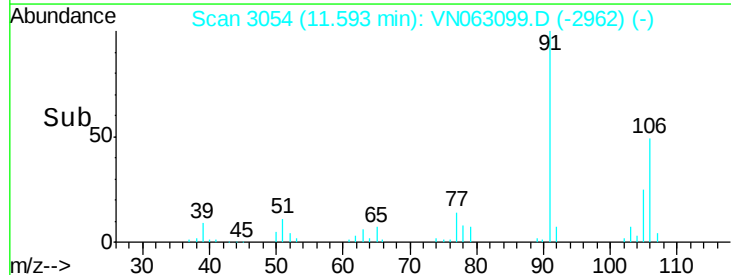
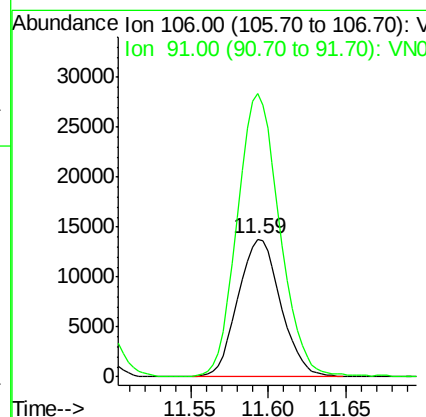
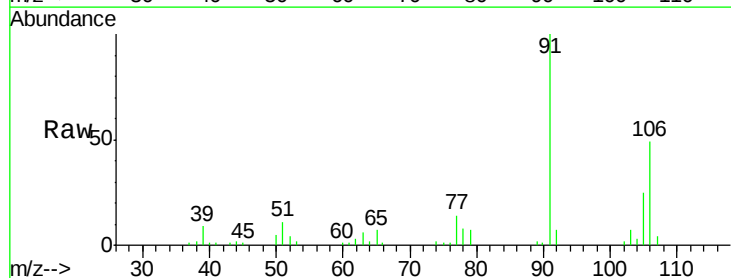
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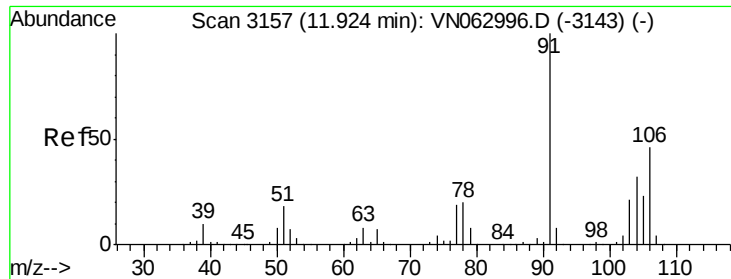
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#68
m/p-Xylenes
Concen: 8.796 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Tgt Ion: 106 Resp: 26533
Ion Ratio Lower Upper
106 100
91 204.0 163.0 244.4





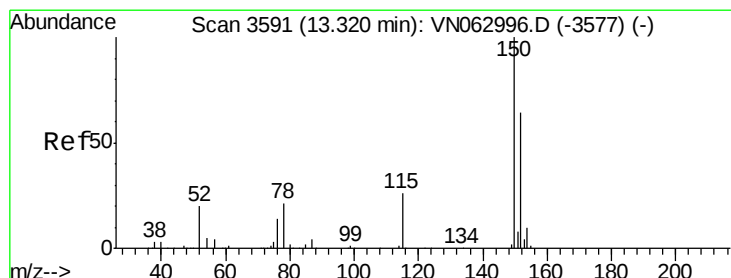
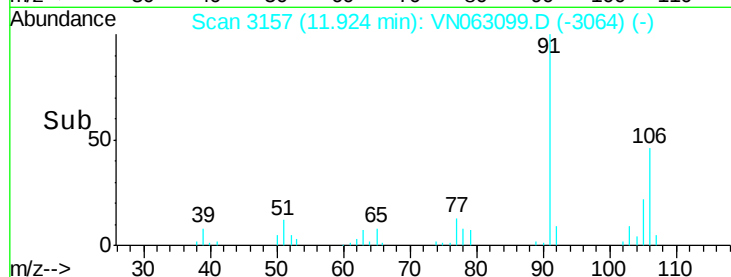
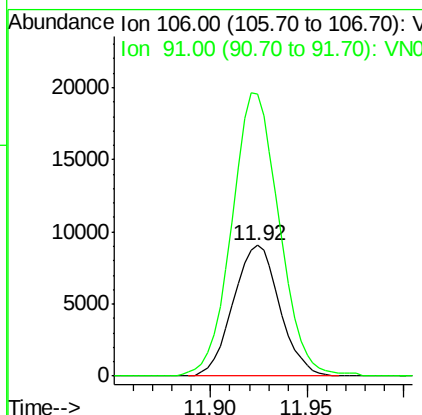
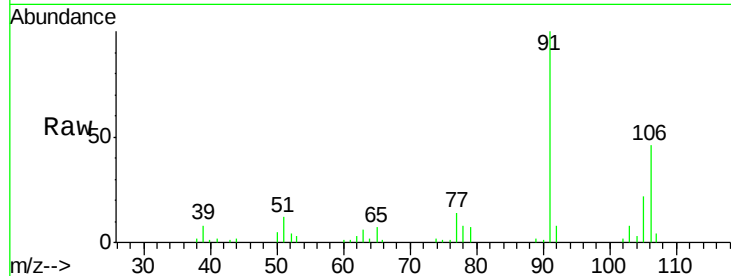
#69
o-Xylene
Concen: 5.235 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion:106 Resp: 15165
Ion Ratio Lower Upper
106 100
91 221.1 107.3 321.9

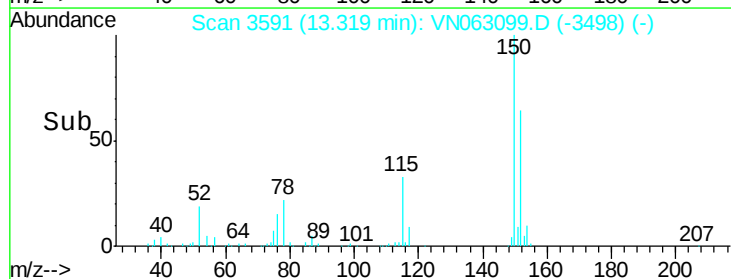
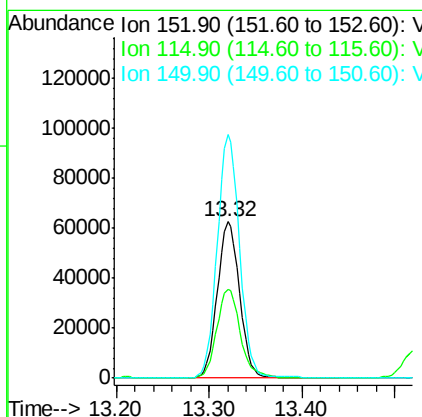
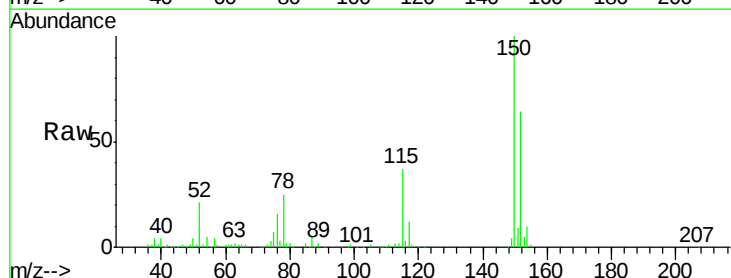
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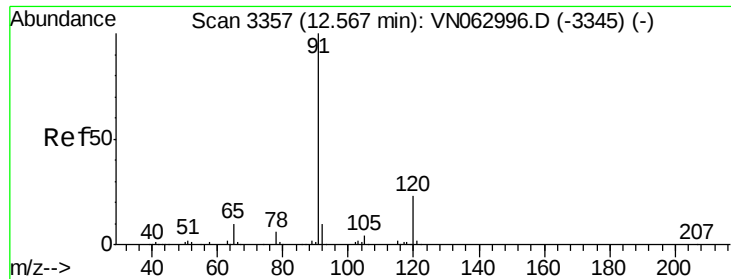
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Tgt Ion:152 Resp: 105088
Ion Ratio Lower Upper
152 100
115 59.9 28.7 86.3
150 155.5 0.0 348.8





#78

n-propylbenzene

Concen: 2.378 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063099.D

Acq: 24 Aug 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

Tot Ion: 91 Resp: 19507

Ion Ratio Lower Upper

91 100

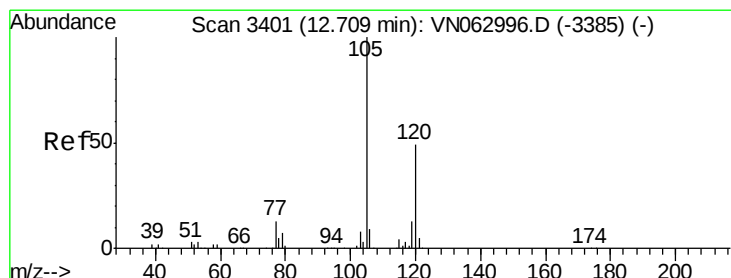
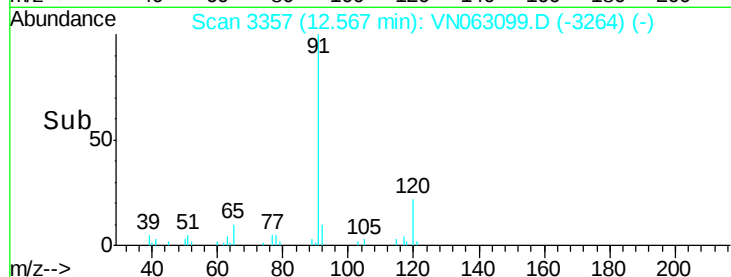
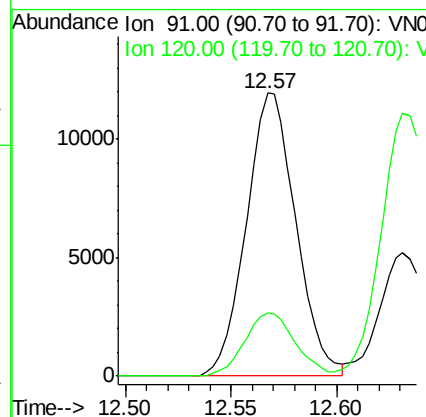
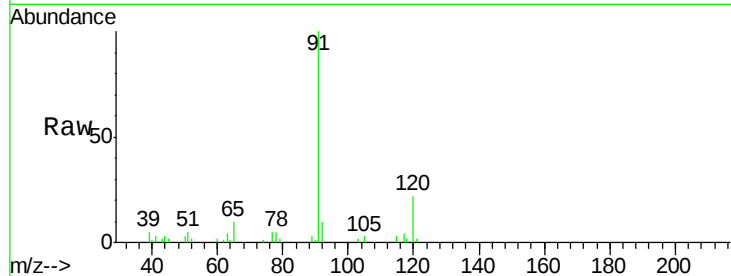
120 22.8 11.4 34.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 4.828 ug/l

RT: 12.71 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN063099.D

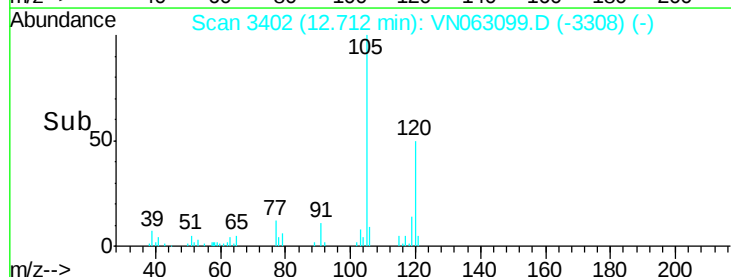
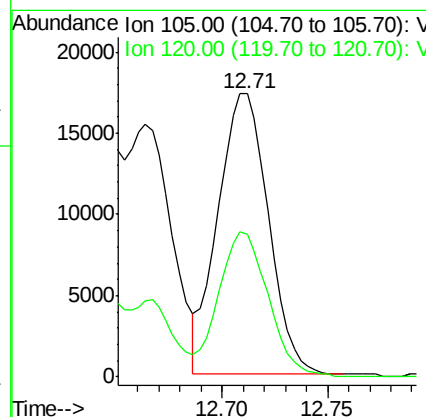
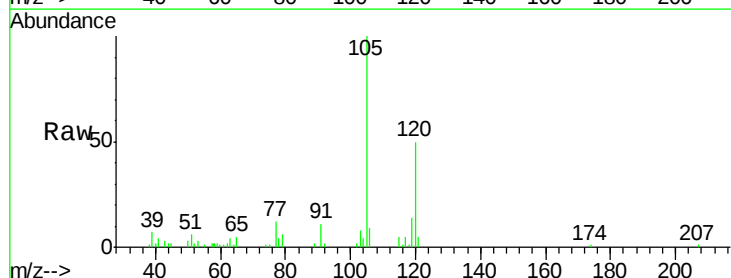
Acq: 24 Aug 2020 16:40

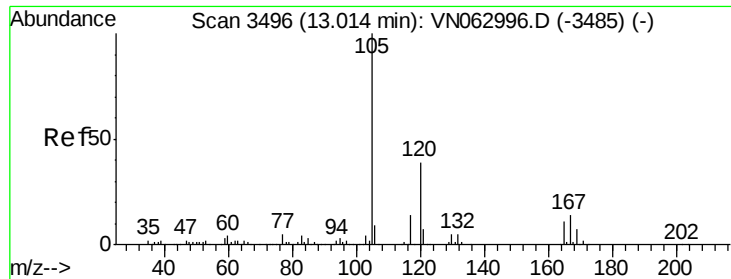
Tgt Ion: 105 Resp: 28722

Ion Ratio Lower Upper

105 100

120 50.7 24.3 72.8





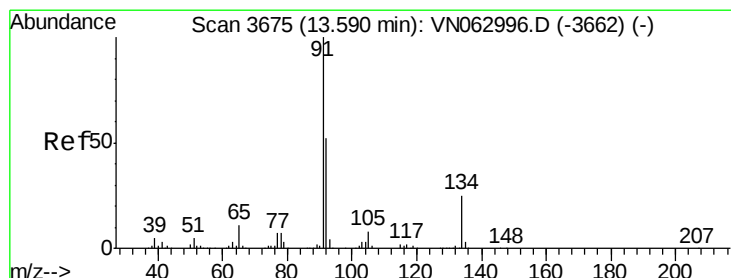
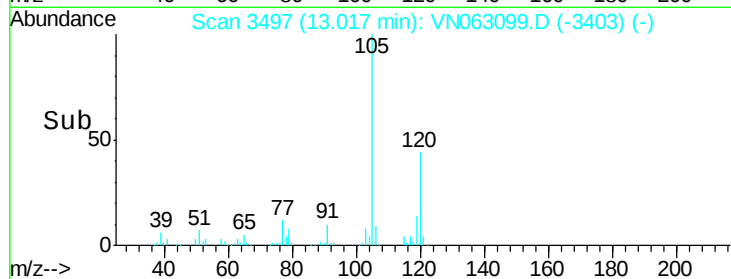
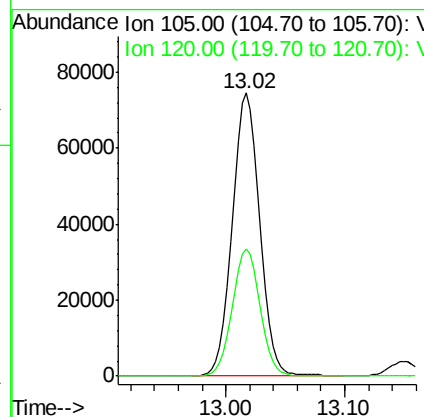
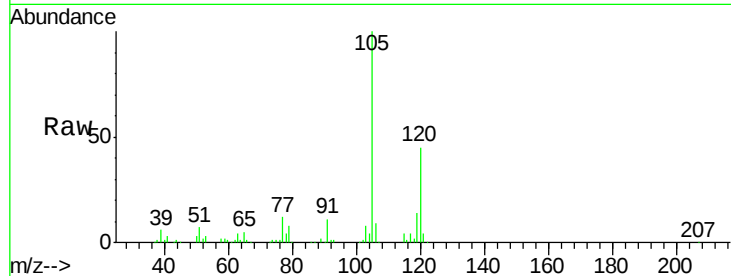
#84
 1,2,4-Trimethylbenzene
 Concen: 20.561 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063099.D
 Acq: 24 Aug 2020 16:40

Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.5	67.5

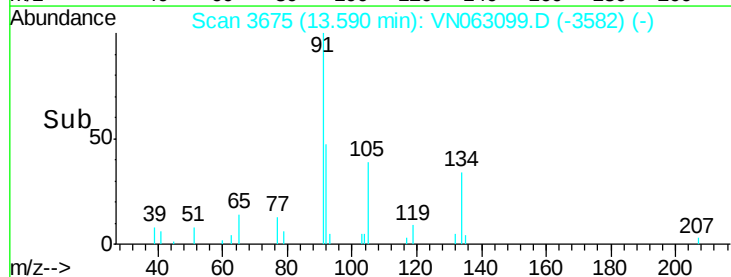
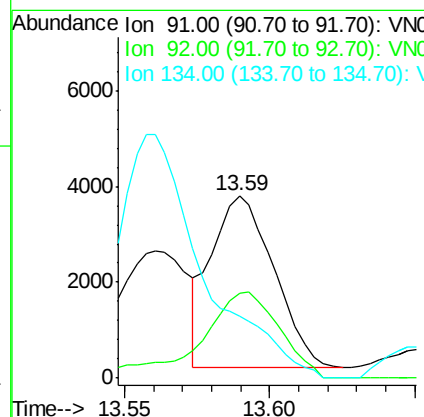
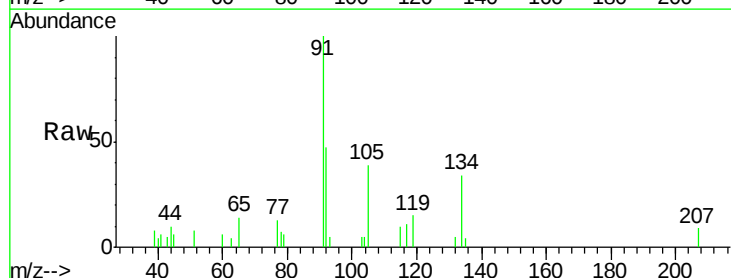
Manual Integrations
 APPROVED

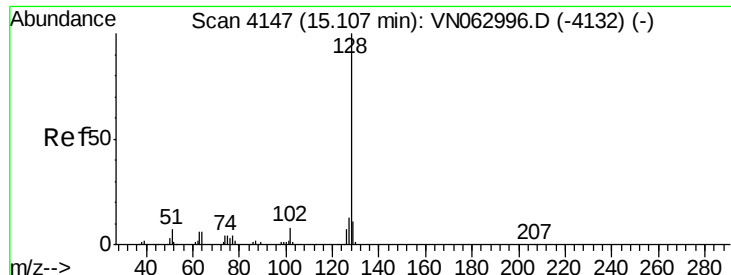
MMDadoda
 8/25/2020 12:14:10 PM



#89
 n-Butylbenzene
 Concen: 3.652 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN063099.D
 Acq: 24 Aug 2020 16:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.6	25.9	77.6
134	0.0	12.4	37.0#





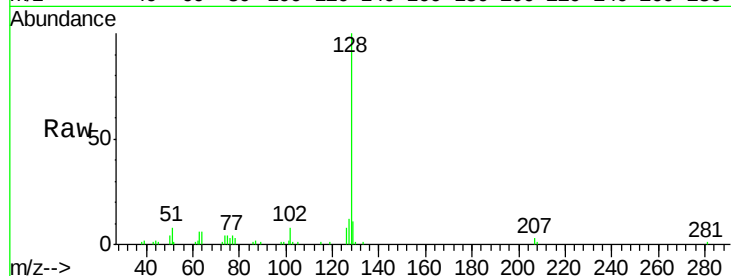
#95
Naphthalene
Concen: 16.315 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063099.D
Acq: 24 Aug 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.8	8.9	13.3

Manual Integrations
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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

