

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064718.D
 Acq On : 18 Nov 2020 19:48
 Operator : JC/MD
 Sample : L4783-18 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:12:26 PM

Quant Time: Nov 19 02:44:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	218428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	440835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	209112	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	7.55	113	126420	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.06	98	563897	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.38	95	233802	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.74	59	4665m	12.514	ug/l	
19) Methyl tert-butyl Ether	4.99	73	5597m	0.712	ug/l	
39) Methylcyclohexane	9.05	83	2369	0.590	ug/l #	83
40) Benzene	8.00	78	87400	6.916	ug/l	98
52) Toluene	10.13	92	10394	1.335	ug/l	92
67) Ethyl Benzene	11.48	91	106402	6.146	ug/l	98
68) m/p-Xylenes	11.59	106	2180	4.360	ug/l #	70
73) Isopropylbenzene	12.22	105	40088	2.849	ug/l	99
78) n-propylbenzene	12.56	91	56592	3.454	ug/l	100
89) n-Butylbenzene	13.59	91	2921	0.282	ug/l #	78
95) Naphthalene	15.10	128	24045	2.159	ug/l	97

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

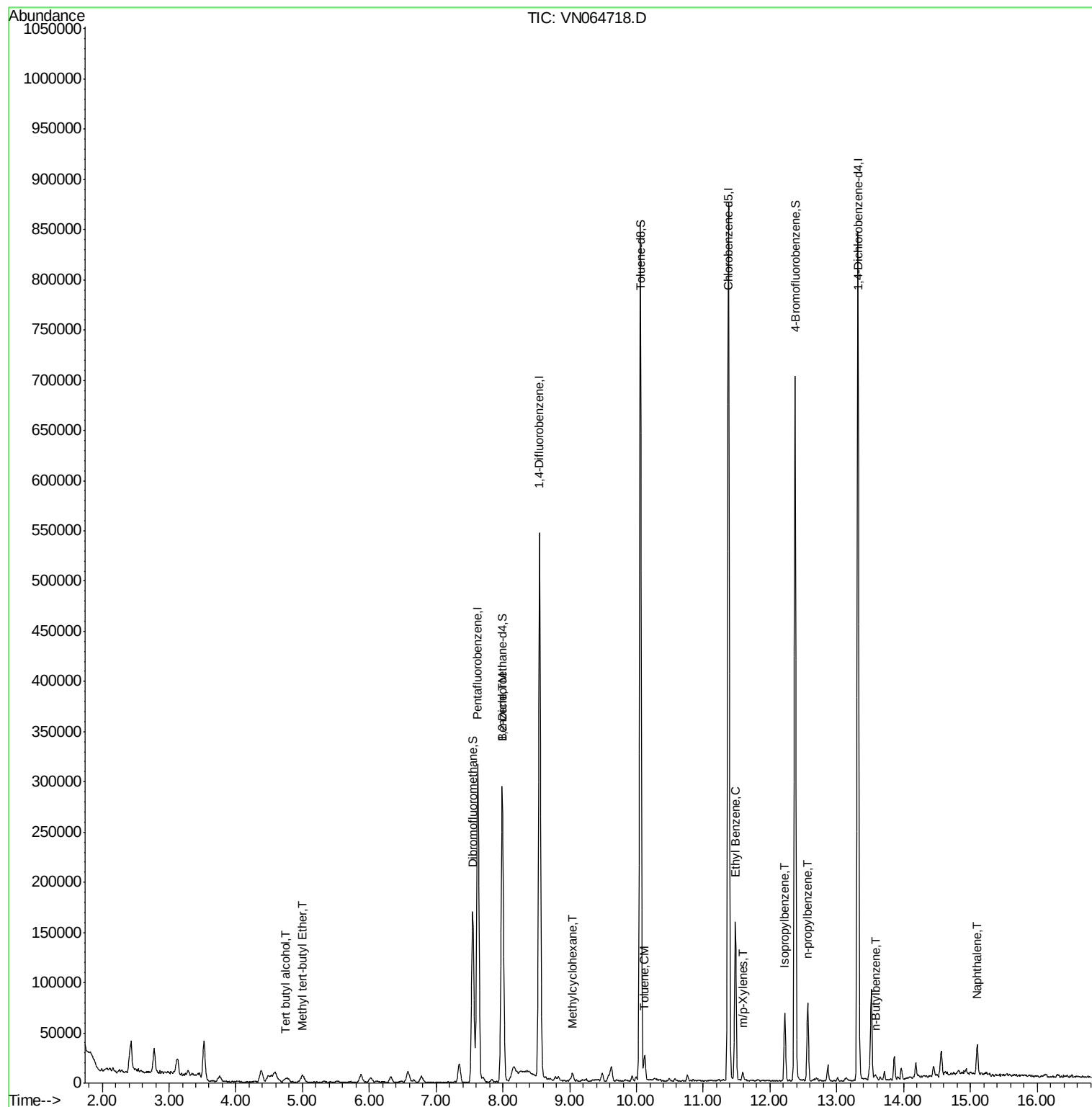
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Data File : VN064718.D
Acq On : 18 Nov 2020 19:48
Operator : JC/MD
Sample : L4783-18 40X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

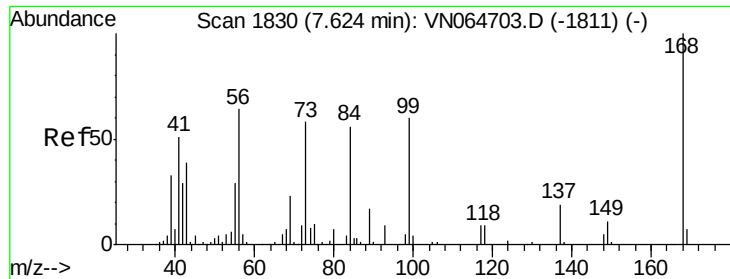
Instrument :
MSVOA_N
ClientSampleId :
MW-5

Manual Integrations
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Quant Time: Nov 19 02:44:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration





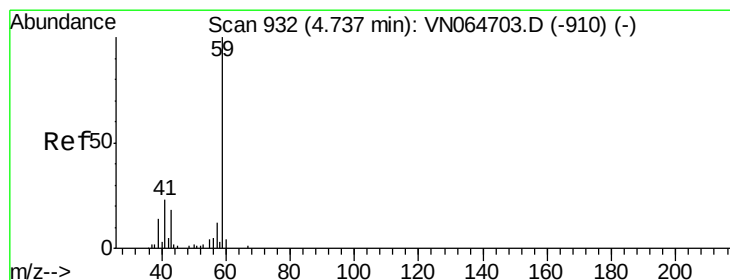
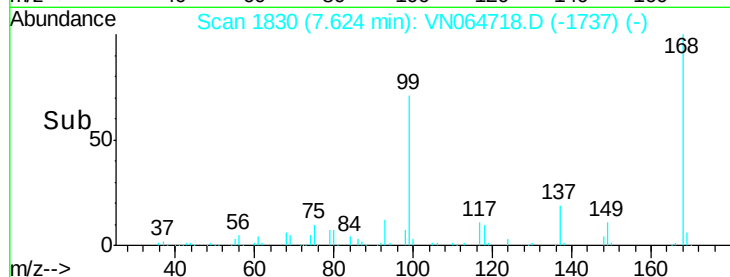
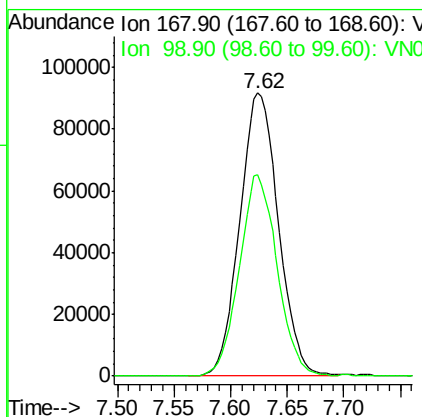
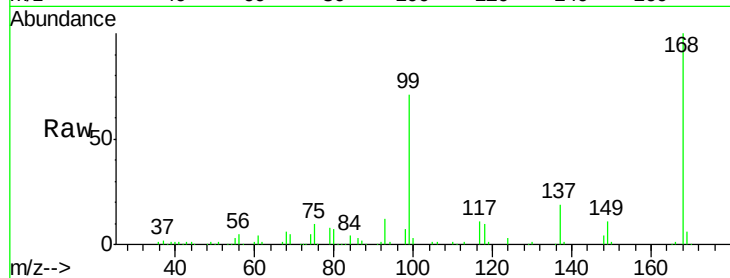
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
168	100		
99	71.2	55.7	83.5

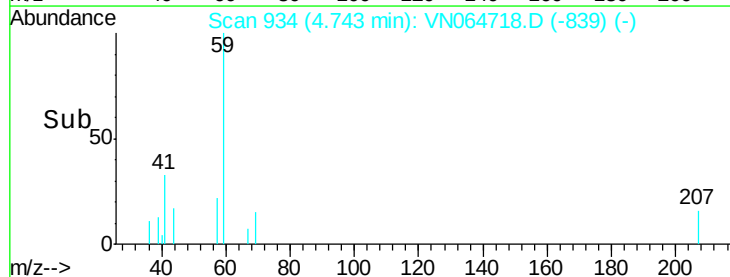
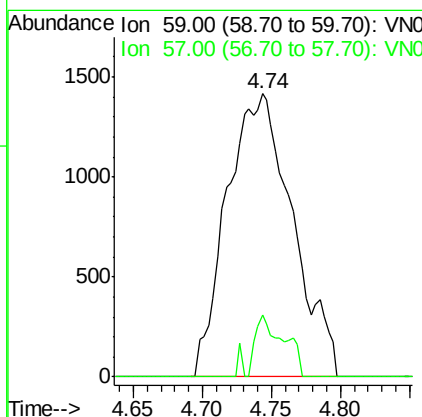
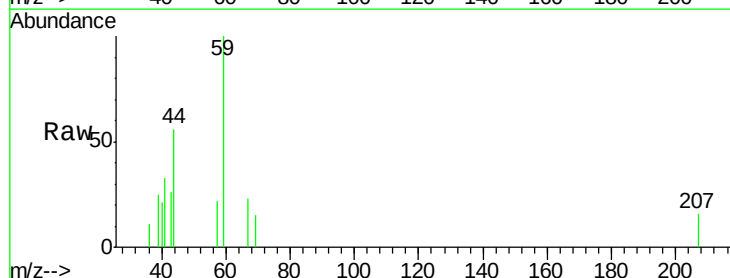
Manual Integrations
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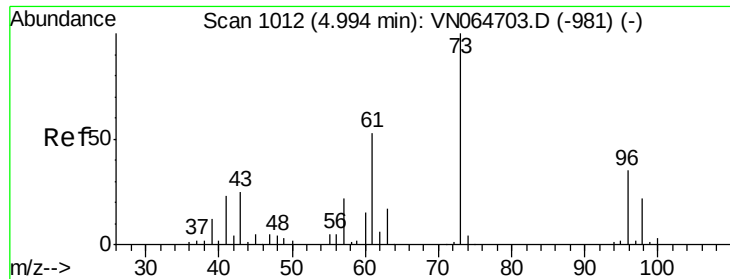
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#11
Tert butyl alcohol
Concen: 12.514 ug/l m
RT: 4.74 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.6	9.1	13.7





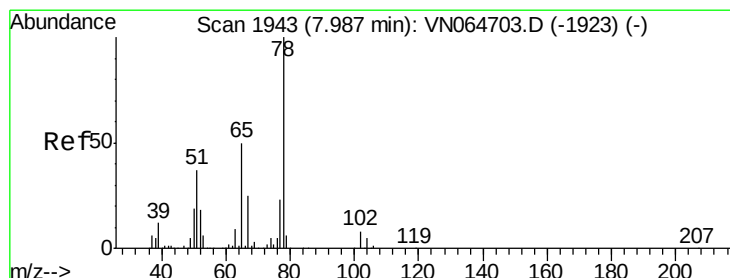
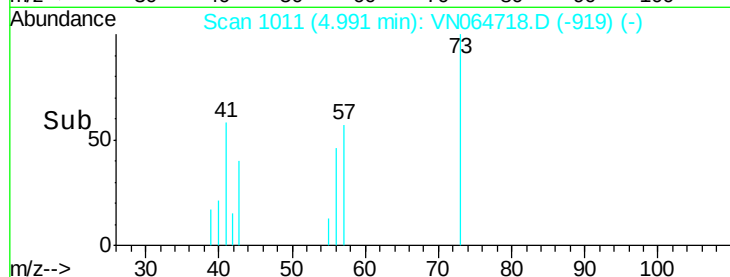
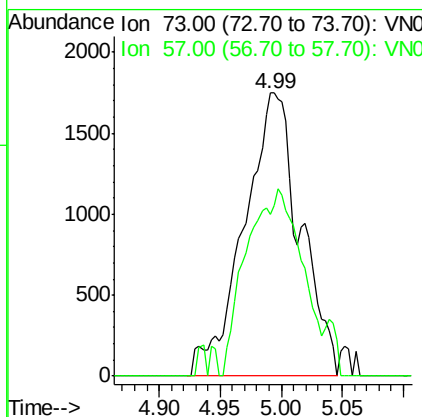
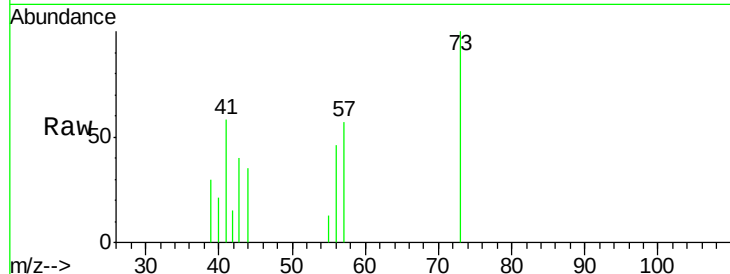
#19
Methyl tert-butyl Ether
Concen: 0.712 ug/l m
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion: 73 Resp: 5597
Ion Ratio Lower Upper
73 100
57 57.3 17.3 25.9#

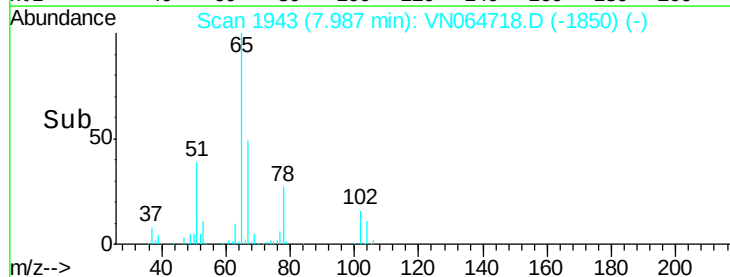
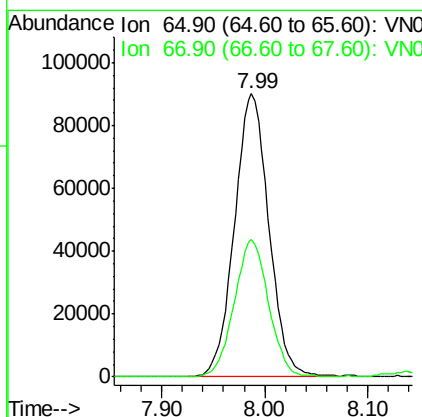
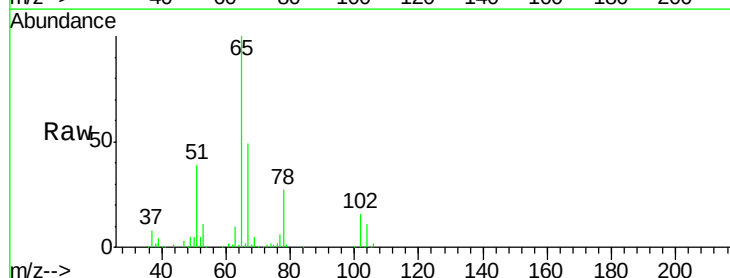
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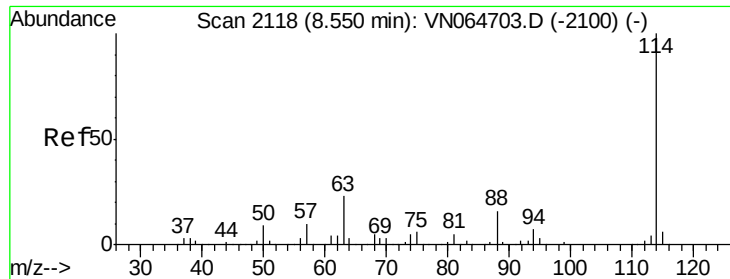
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#33
1,2-Dichloroethane-d4
Concen: 54.421 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion: 65 Resp: 209112
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.8





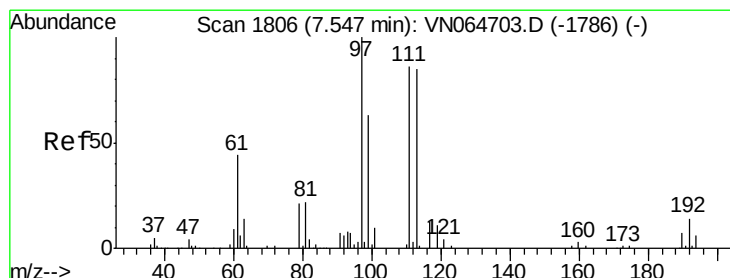
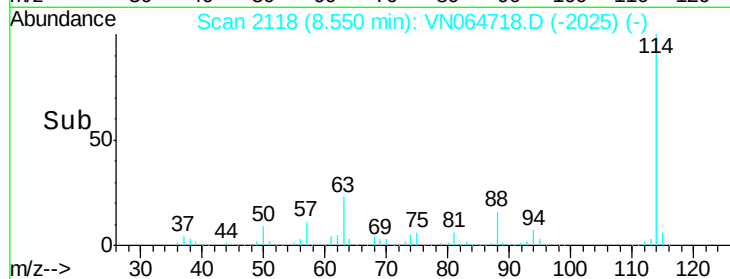
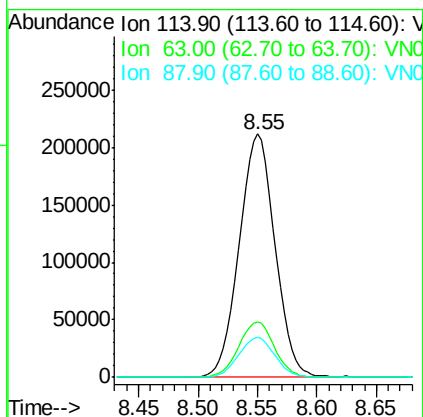
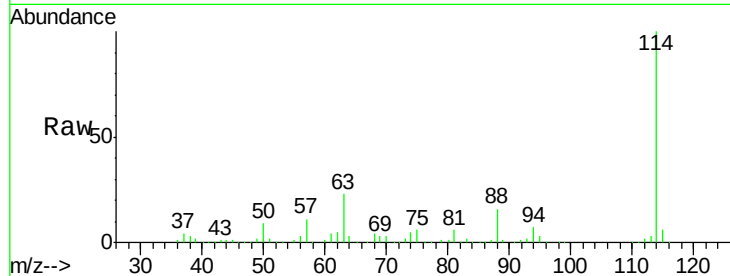
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.8	0.0	46.0
88	16.4	0.0	31.2

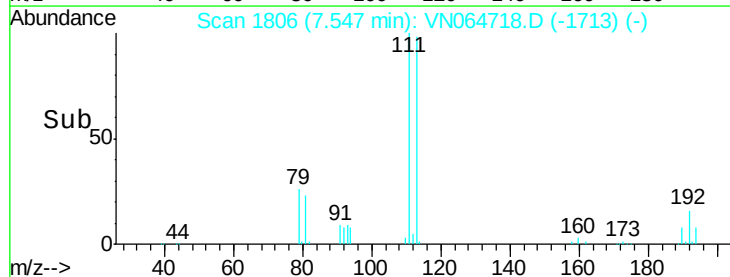
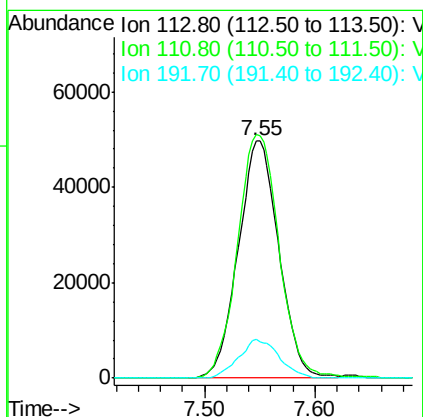
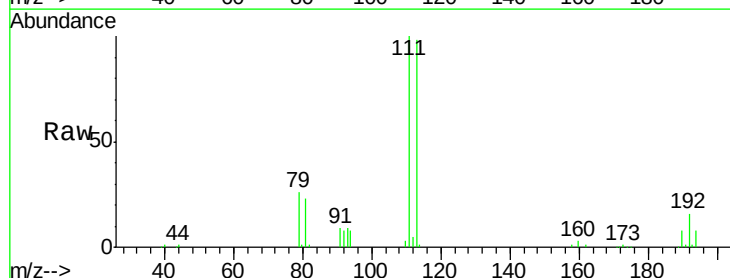
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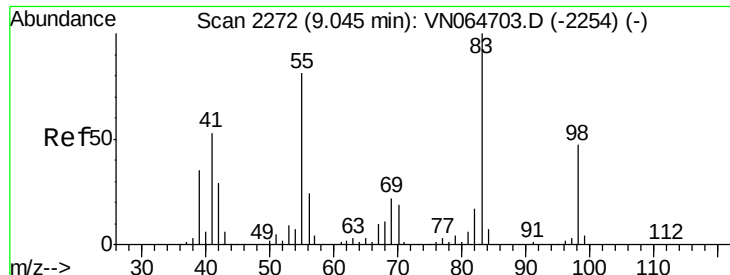
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#35
 Dibromofluoromethane
 Concen: 50.384 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	105.7	82.2	123.4
192	16.3	12.7	19.1





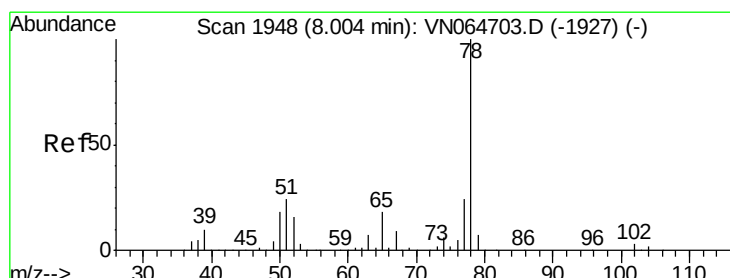
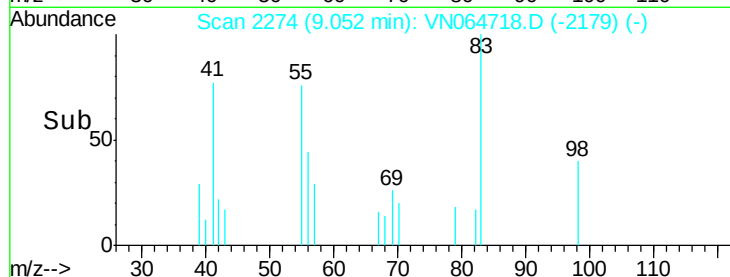
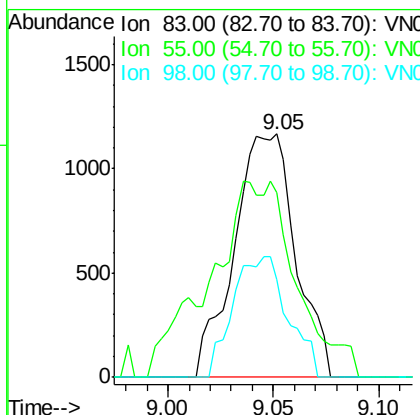
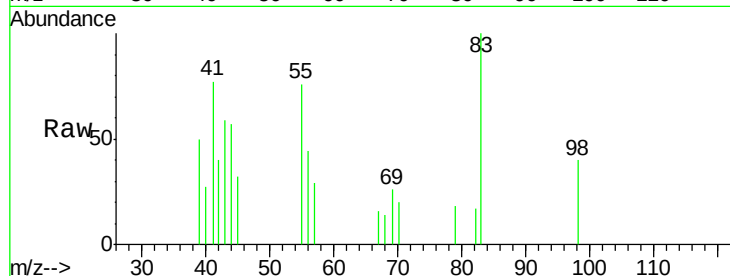
#39
Methylvlcyclohexane
Concen: 0.590 ug/l
RT: 9.05 min Scan# 2274
Delta R.T. 0.01 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion	83	Resp	2369
Ion Ratio	100	Lower	Upper
83	100		
55	62.4	64.6	97.0#
98	39.9	37.7	56.5

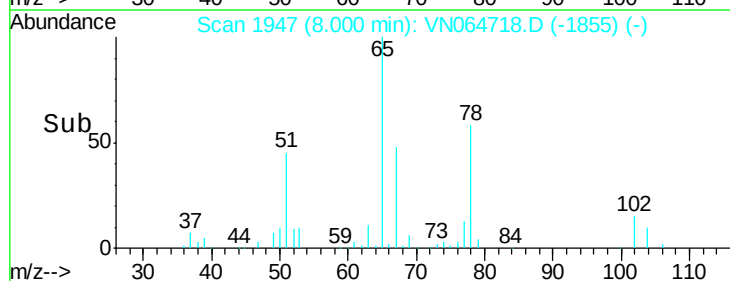
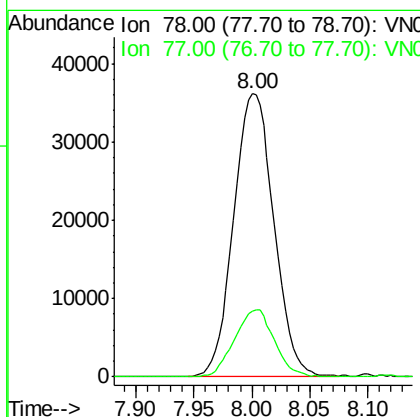
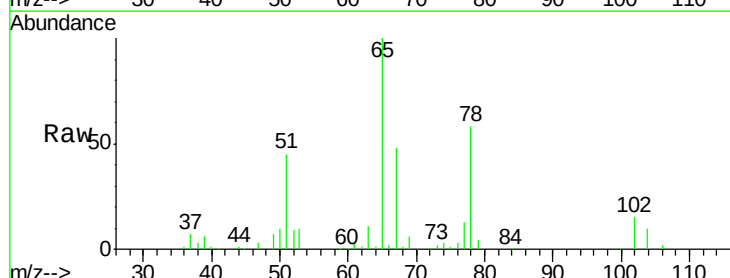
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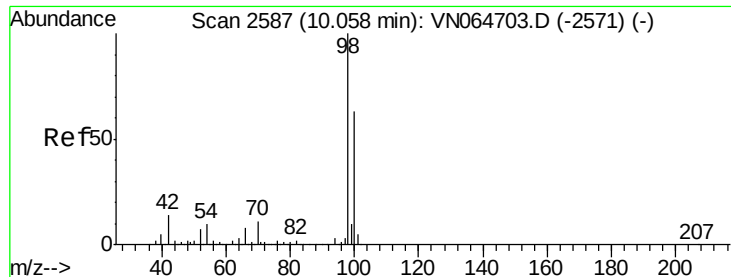
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#40
Benzene
Concen: 6.916 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion	78	Resp	87400
Ion Ratio	100	Lower	Upper
78	100		
77	23.1	19.2	28.8





#50

Toluene-d8

Concen: 49.449 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion: 98 Resp: 563897

Ion Ratio Lower Upper

98 100

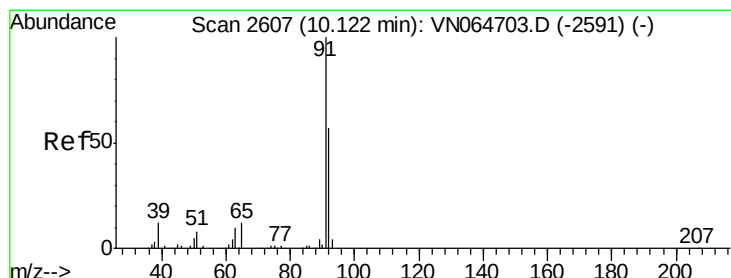
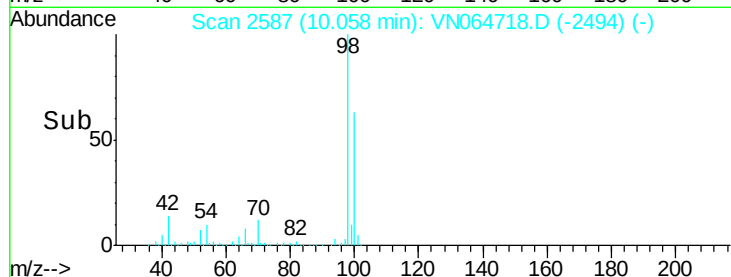
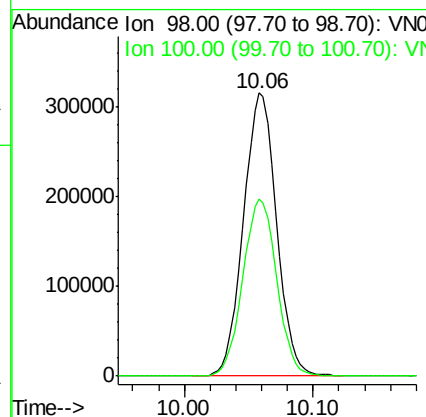
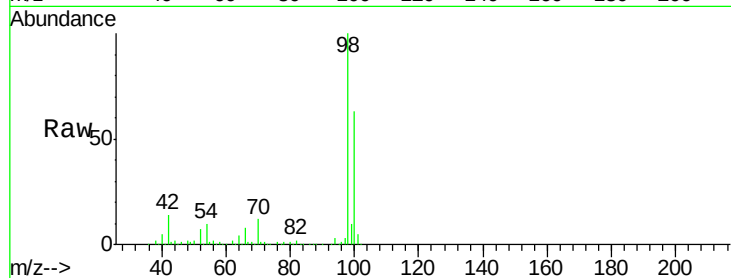
100 64.1 50.4 75.6

Manual Integrations

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#52

Toluene

Concen: 1.335 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064718.D

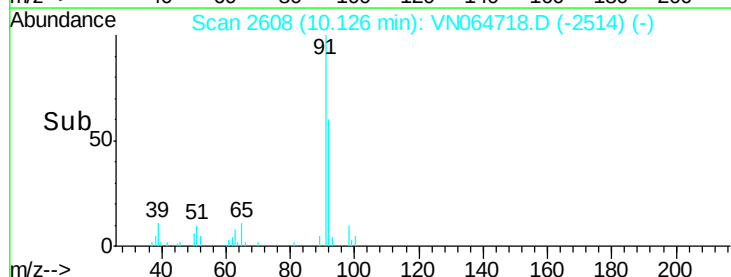
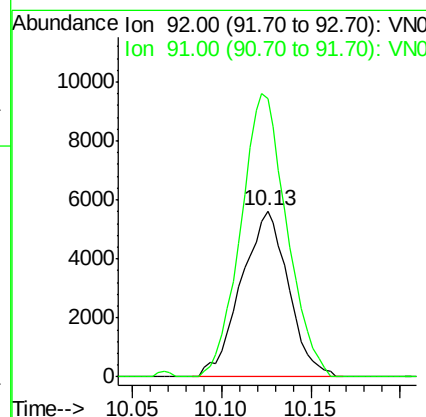
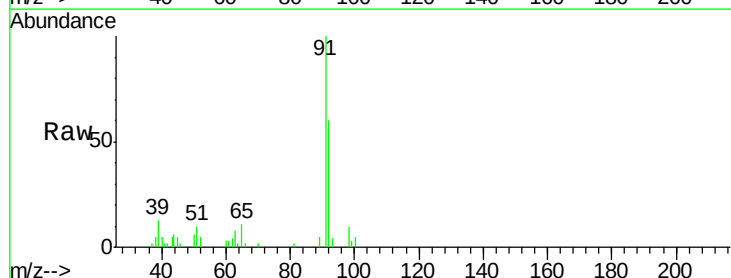
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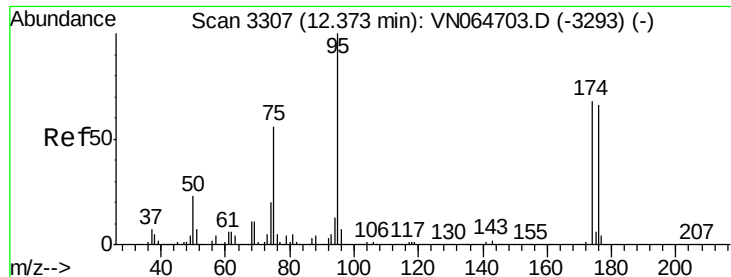
Tgt Ion: 92 Resp: 10394

Ion Ratio Lower Upper

92 100

91 165.8 141.2 211.8





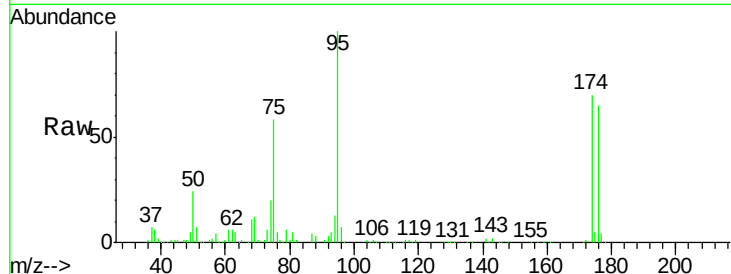
#62
 4-Bromofluorobenzene
 Concen: 54.852 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion	Ratio	Resp	Lower	Upper
95	100	233802		
174	69.0	0.0	136.8	
176	65.8	0.0	134.2	

Manual Integrations
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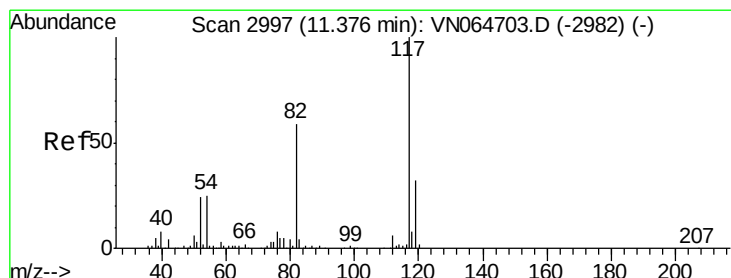
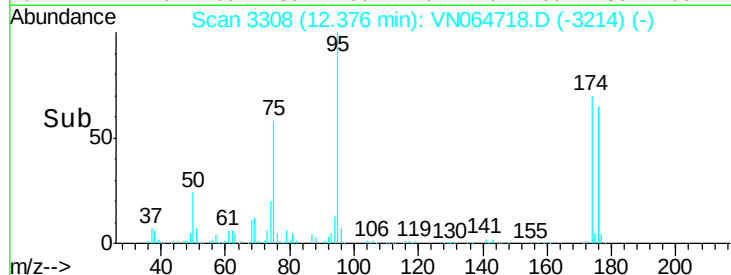
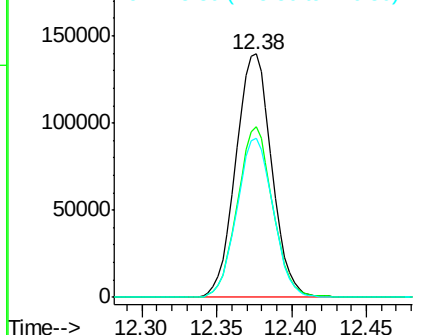
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Abundance Ion 94.90 (94.60 to 95.60): VN064718.D (-3214) (-)

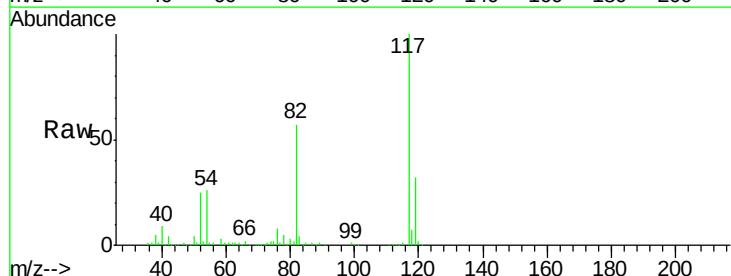
Ion 173.80 (173.50 to 174.50): VN064718.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064718.D (-3214) (-)



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

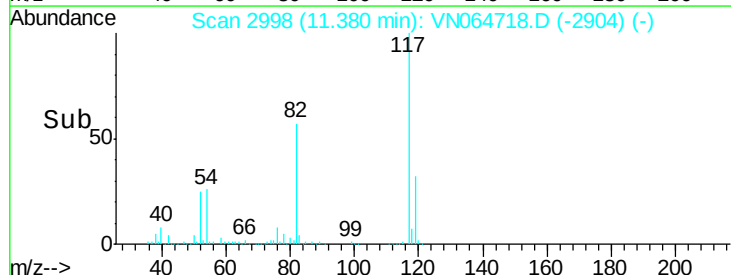
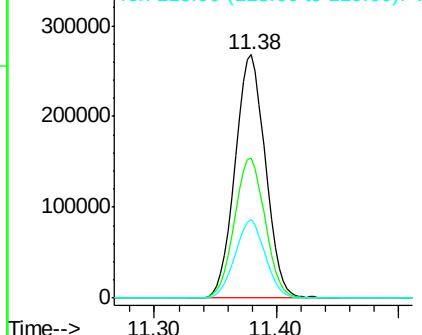
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	461571		
82	57.4	47.0	70.6	
119	32.5	25.4	38.2	

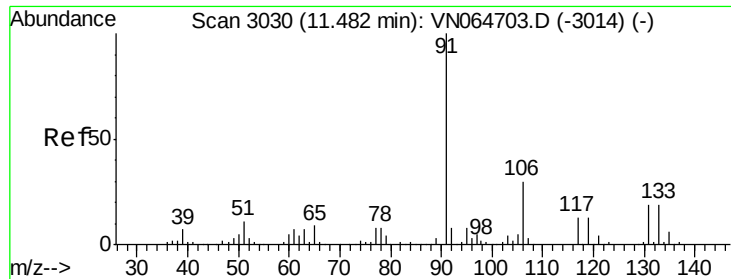


Abundance Ion 116.90 (116.60 to 117.60): VN064718.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN064718.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN064718.D (-2904) (-)





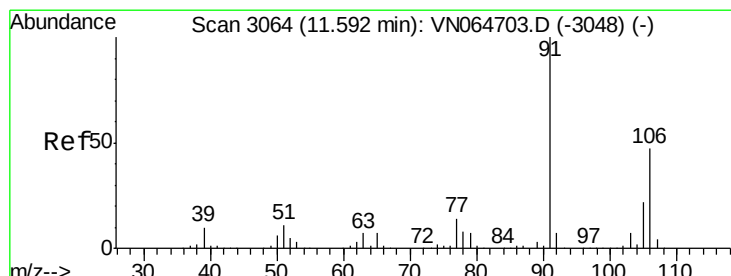
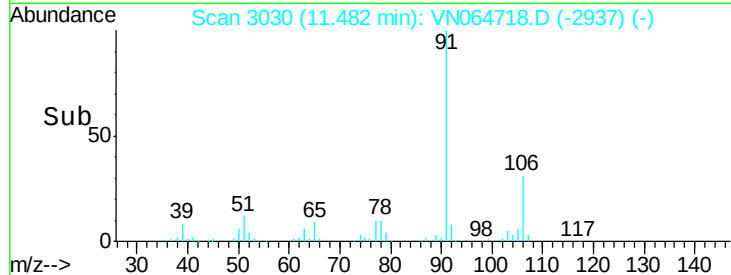
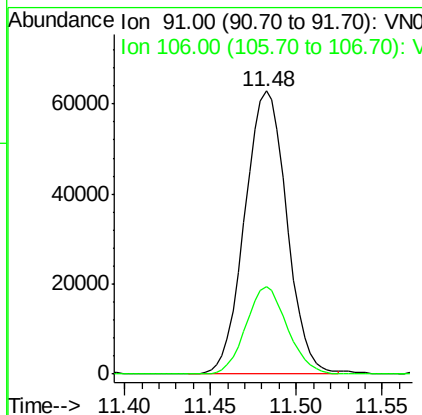
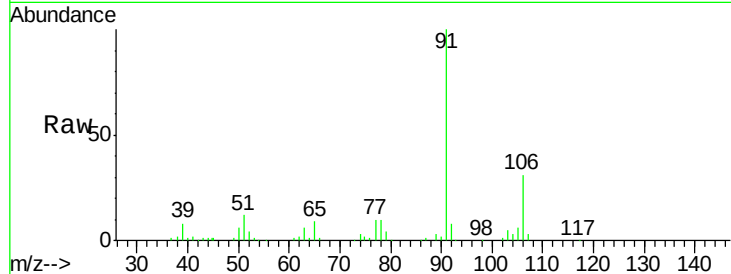
#67
Ethyl Benzene
Concen: 6.146 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion: 91 Resp: 106402
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9

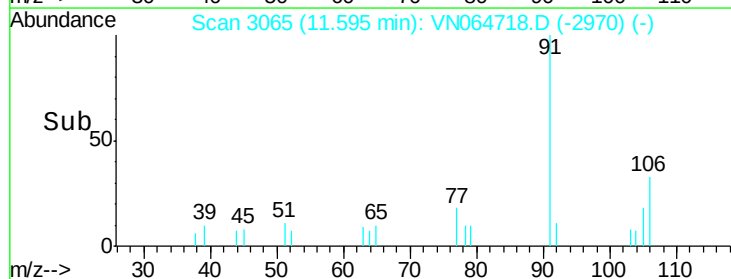
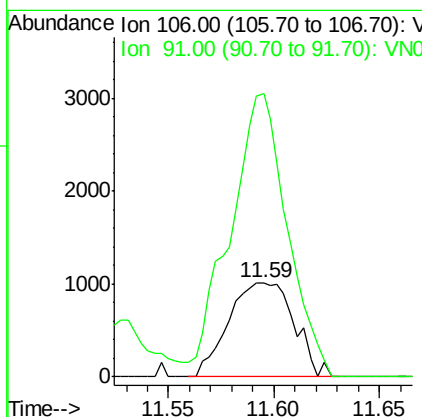
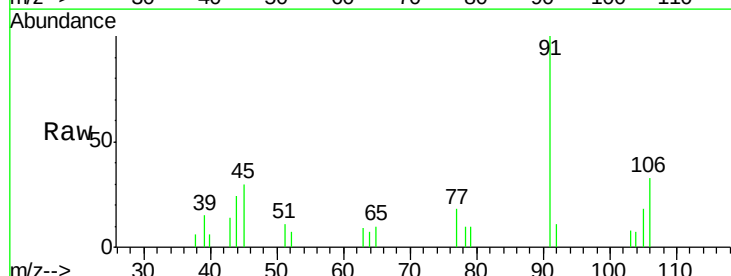
Manual Integrations
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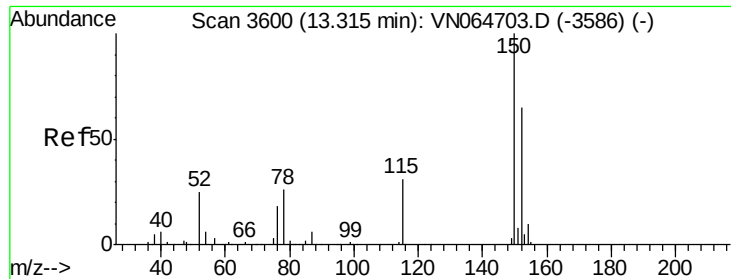
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#68
m/p-Xylenes
Concen: 4.360 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion: 106 Resp: 2180
Ion Ratio Lower Upper
106 100
91 262.8 171.9 257.9#





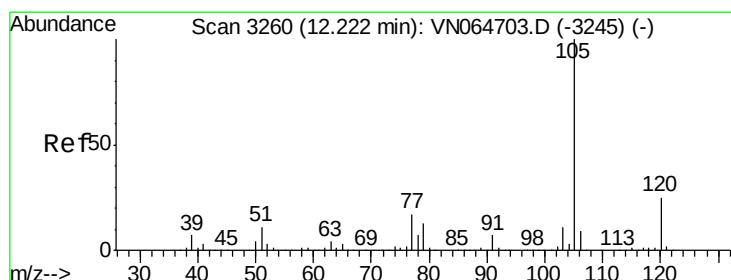
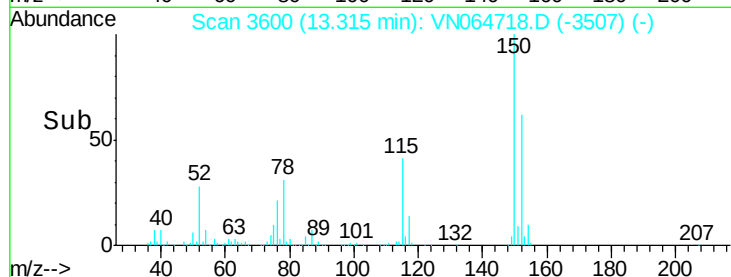
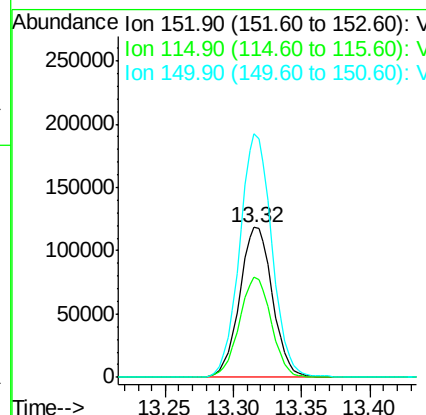
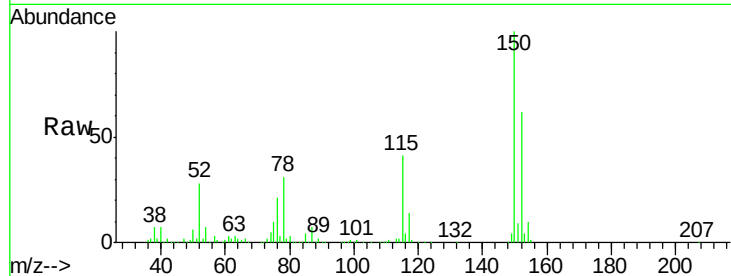
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.1	96.3
150	159.6	0.0	344.8

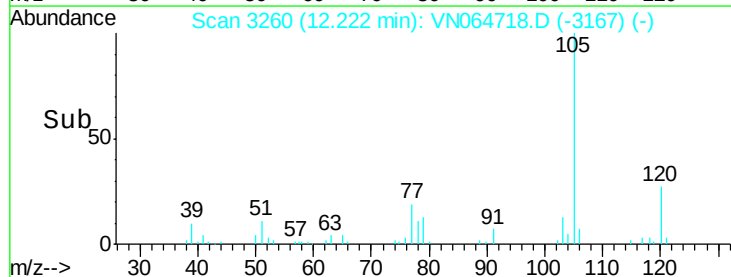
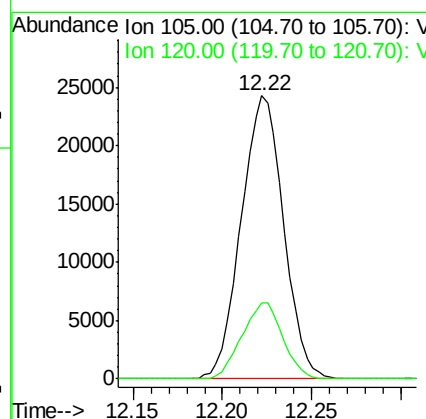
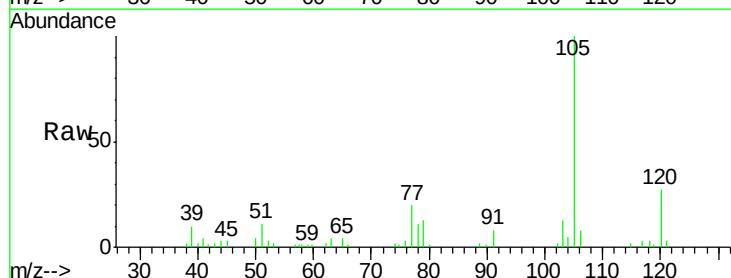
Manual Integrations
 APPROVED

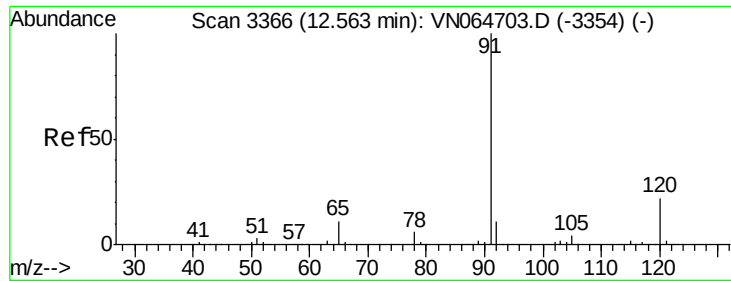
MMDadoda
 11/19/2020 2:12:26 PM



#73
 Isopropylbenzene
 Concen: 2.849 ug/l
 RT: 12.22 min Scan# 3260
 Delta R.T. -0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.3





#78

n-propylbenzene

Concen: 3.454 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion: 91 Resp: 56592

Ion Ratio Lower Upper

91 100

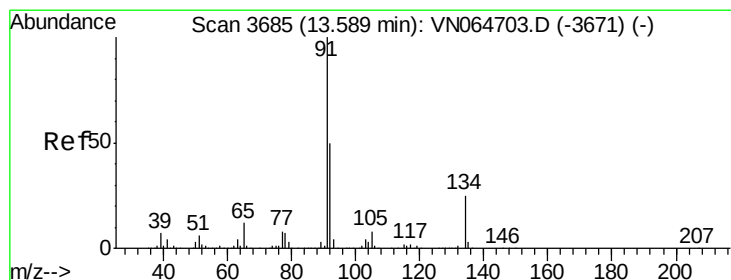
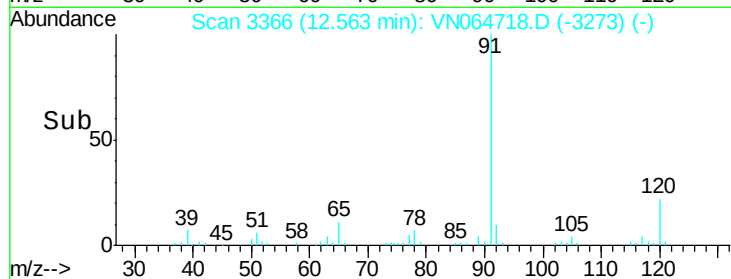
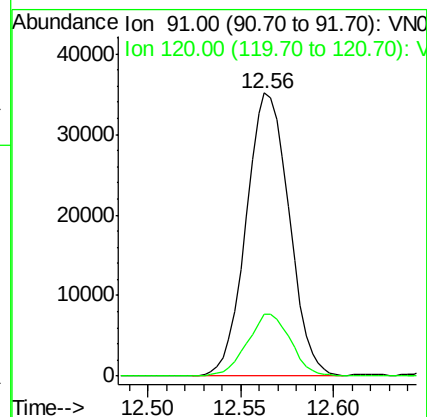
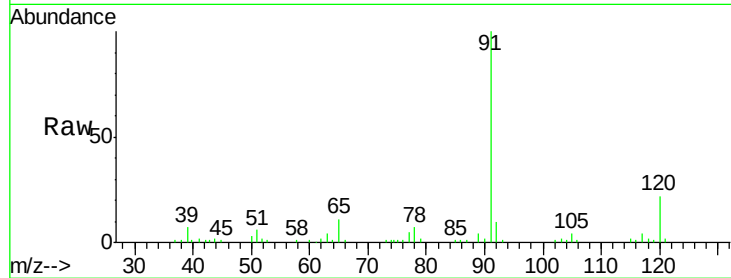
120 22.1 10.9 32.9

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:12:26 PM



#89

n-Butylbenzene

Concen: 0.282 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

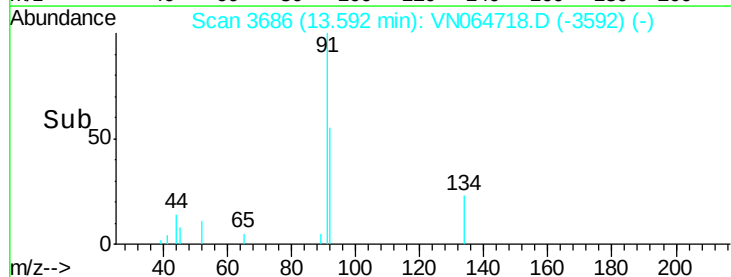
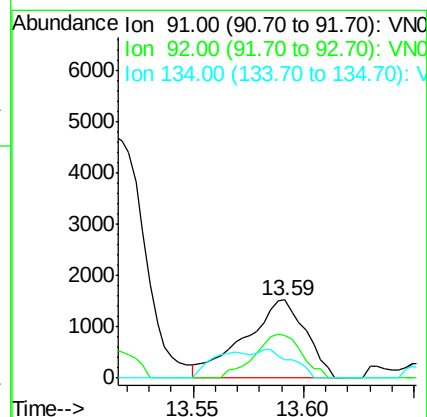
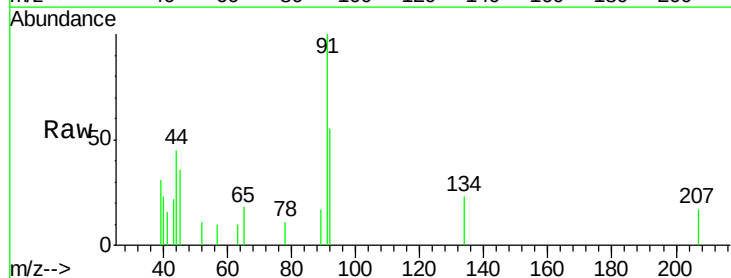
Tgt Ion: 91 Resp: 2921

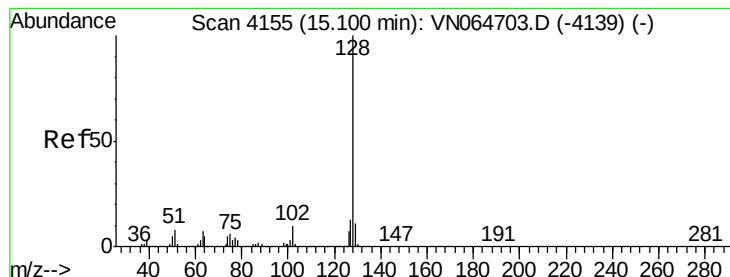
Ion Ratio Lower Upper

91 100

92 43.4 24.9 74.8

134 0.0 12.0 36.0#





#95

Naphthalene

Concen: 2.159 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

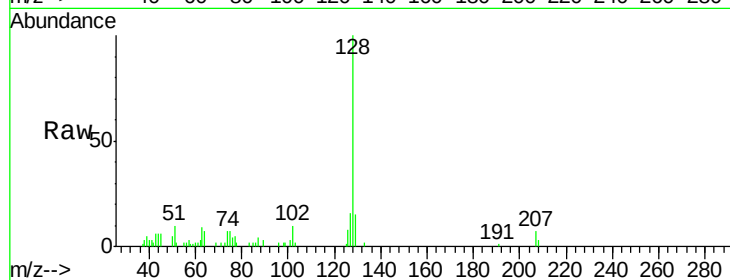
ClientSampleId :

MW-5

Tot Ion:	128	Resp:	24045
Ion Ratio	Lower	Upper	
128	100		
127	15.4	10.8	16.2
129	11.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:12:26 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

