

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064715.D
 Acq On : 18 Nov 2020 18:36
 Operator : JC/MD
 Sample : L4783-13 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

Manual Integrations
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 11/19/2020 2:12:22 PM

Quant Time: Nov 19 02:30:59 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	236815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	468690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	483578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	230560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211341	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	7.55	113	138685	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.06	98	597636	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.37	95	258490	57.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.08%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.05	83	10118	2.368	ug/l	92
52) Toluene	10.12	92	3502	0.423	ug/l	92
67) Ethyl Benzene	11.48	91	317769	17.521	ug/l	98
68) m/p-Xylenes	11.60	106	259130	37.818	ug/l	99
69) o-Xylene	11.92	106	9056	1.431	ug/l	92
73) Isopropylbenzene	12.22	105	244618	14.943	ug/l	99
78) n-propylbenzene	12.56	91	307369	16.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	374908	27.570	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1283767	92.501	ug/l	100
85) sec-Butylbenzene	13.14	105	10002m	0.713	ug/l	
86) p-Isopropyltoluene	13.26	119	4220m	0.327	ug/l	
89) n-Butylbenzene	13.59	91	9104m	0.756	ug/l	
95) Naphthalene	15.10	128	94148	7.265	ug/l	99

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

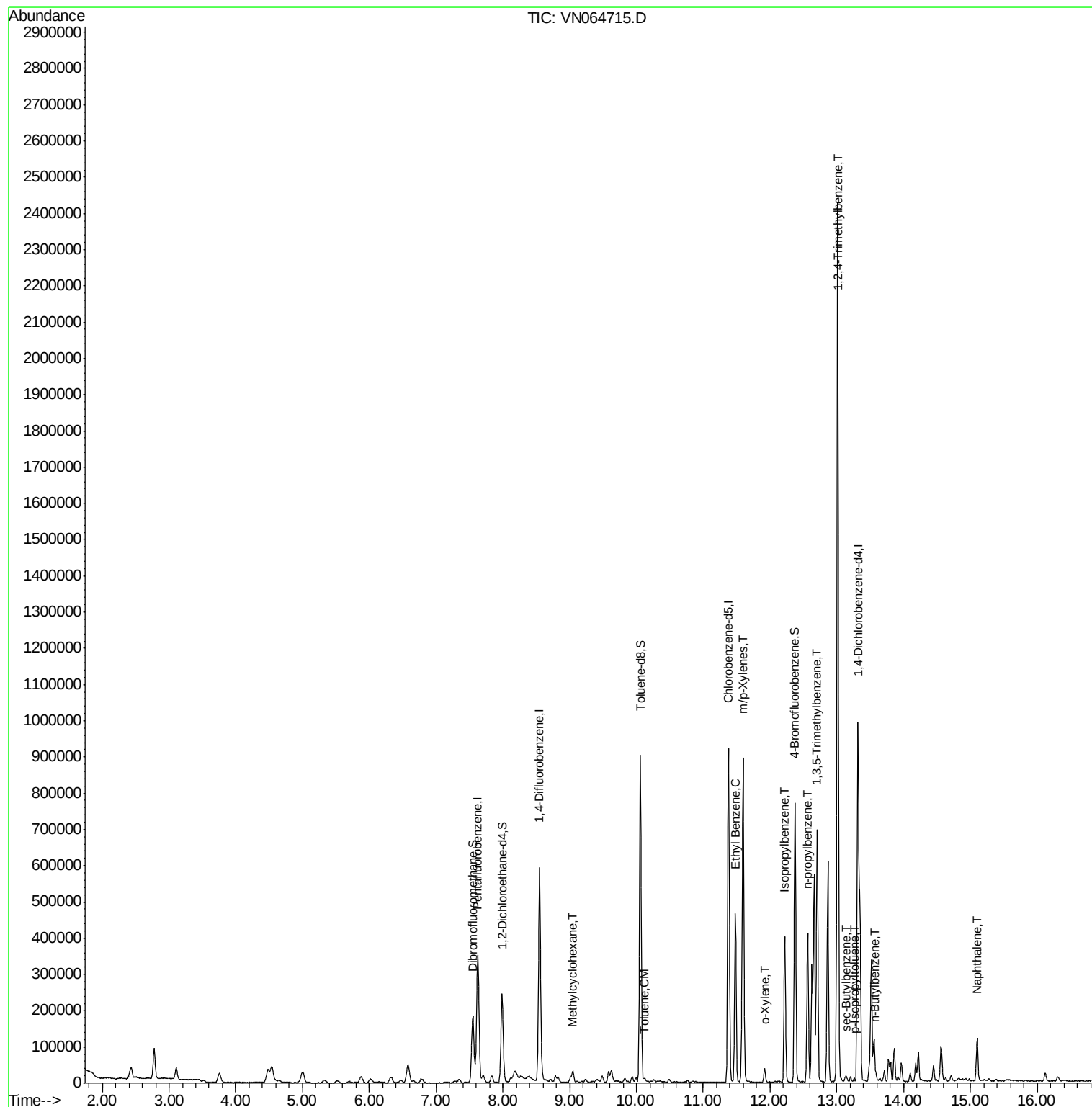
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
Data File : VN064715.D
Acq On : 18 Nov 2020 18:36
Operator : JC/MD
Sample : L4783-13 40X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

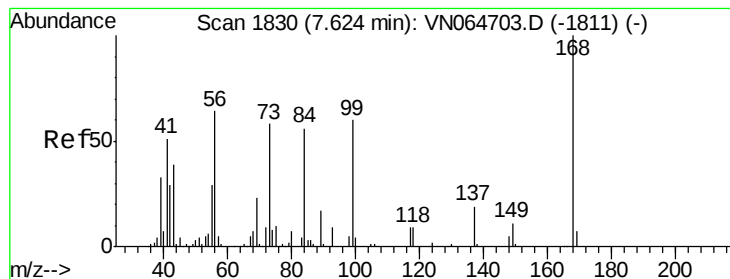
Instrument :
MSVOA_N
ClientSampleId :
MW-10

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Quant Time: Nov 19 02:30:59 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064715.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

MW-10

Tot Ion:168 Resp: 236815

Ion Ratio Lower Upper

168 100

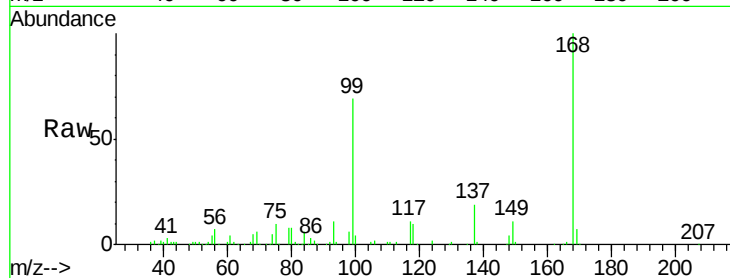
99 69.0 55.7 83.5

Manual Integrations

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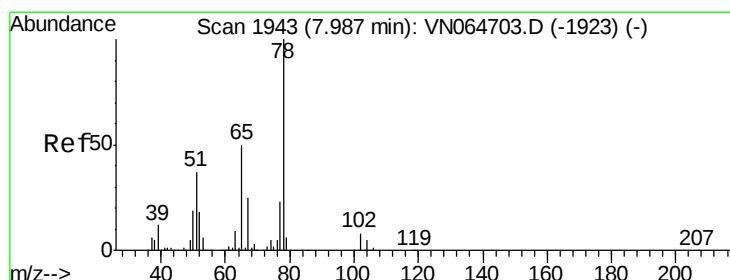
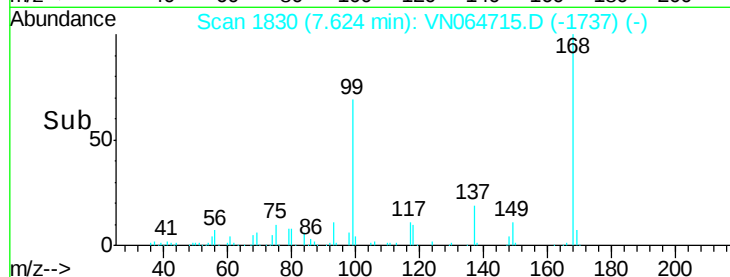
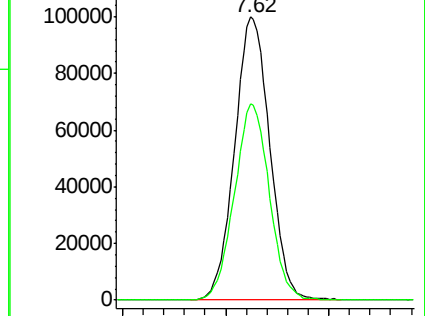
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.730 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064715.D

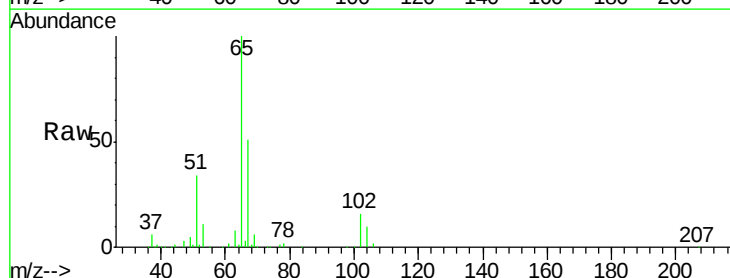
Acq: 18 Nov 2020 18:36

Tgt Ion: 65 Resp: 211341

Ion Ratio Lower Upper

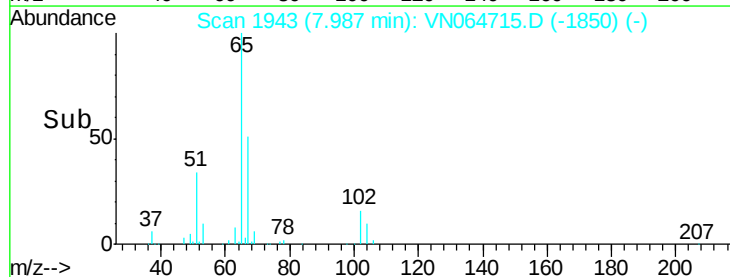
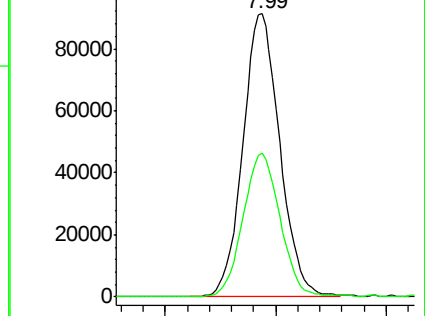
65 100

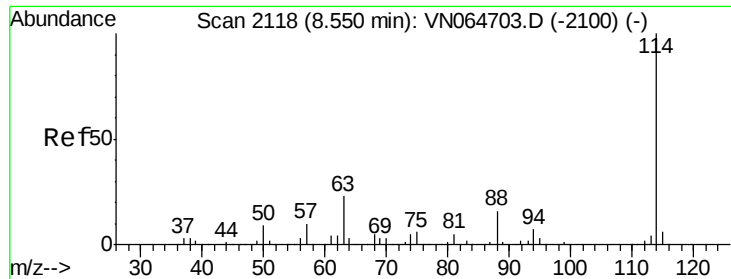
67 50.7 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





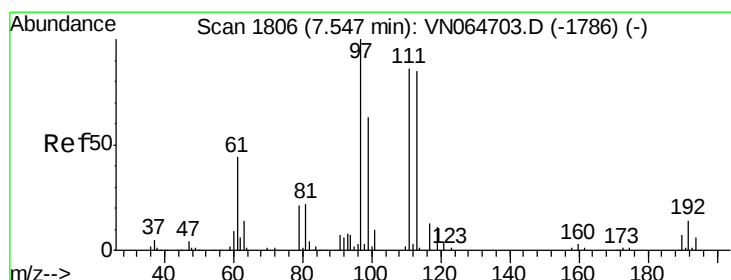
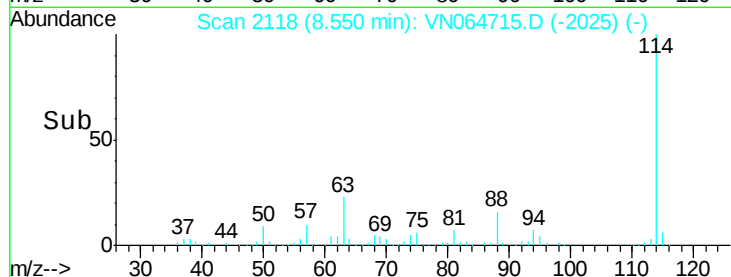
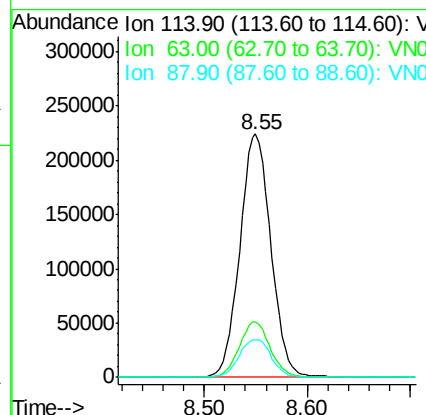
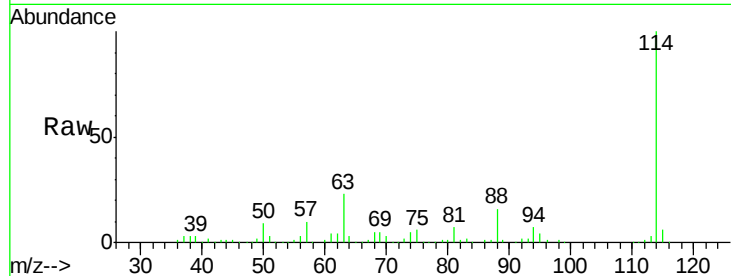
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064715.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.0	0.0	46.0
88	15.5	0.0	31.2

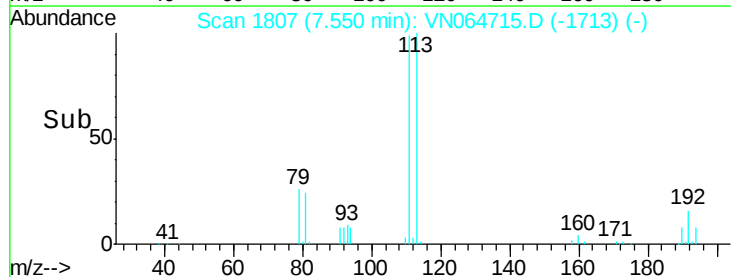
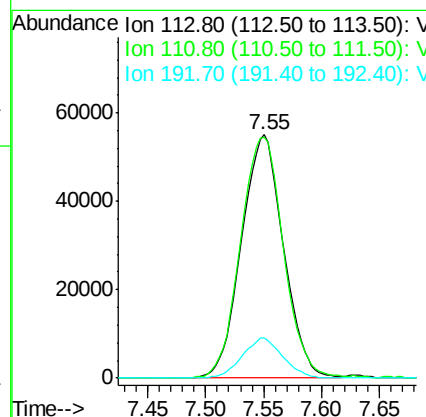
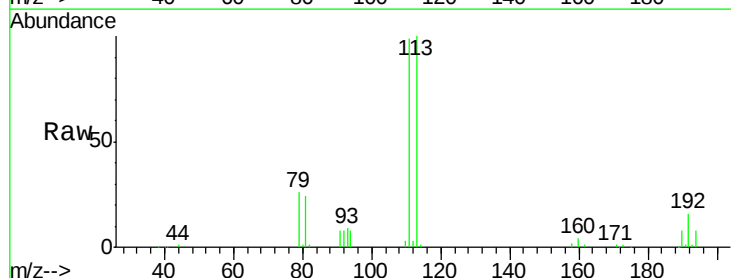
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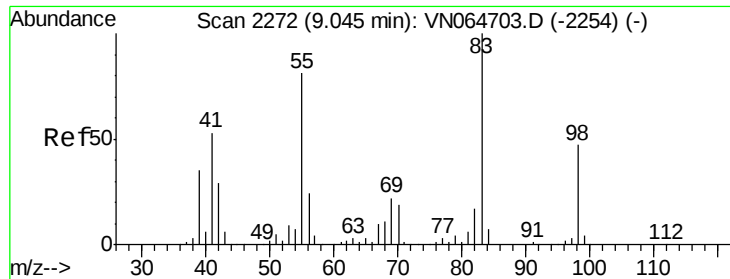
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#35
 Dibromofluoromethane
 Concen: 51.988 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064715.D
 Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.7	82.2	123.4
192	15.9	12.7	19.1





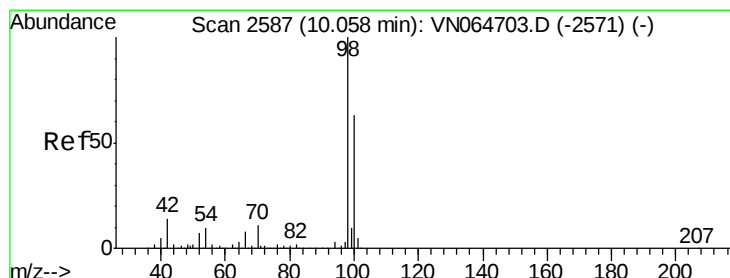
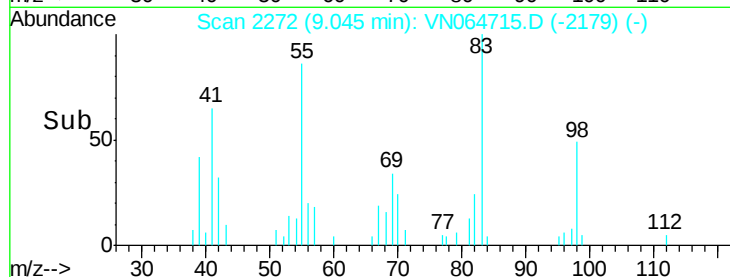
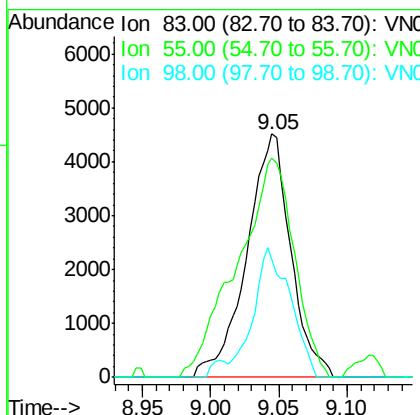
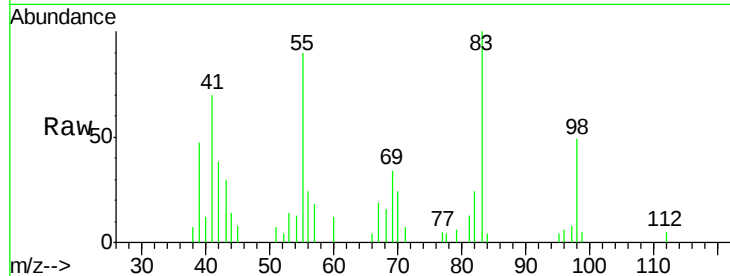
#39
Methylcyclohexane
Concen: 2.368 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064715.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
MW-10

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.3	64.6	97.0
98	48.6	37.7	56.5

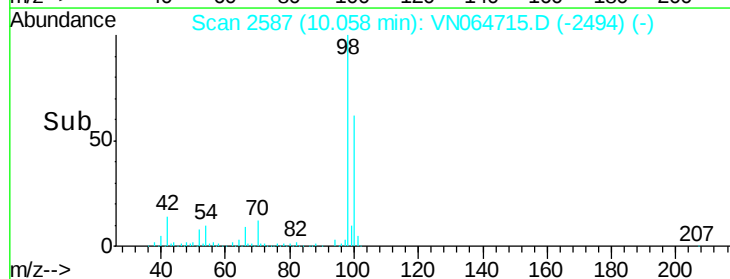
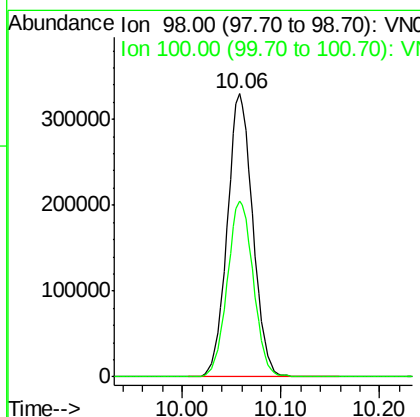
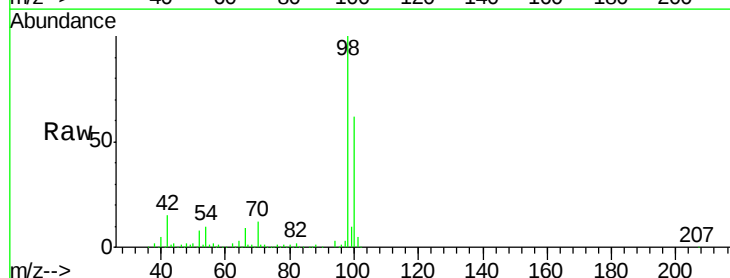
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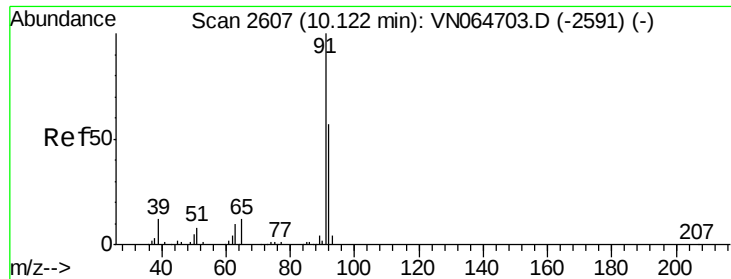
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#50
Toluene-d8
Concen: 49.293 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064715.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.4	75.6





#52

Toluene

Concen: 0.423 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064715.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_N

ClientSampled :

MW-10

Tot Ion: 92 Resp: 3502

Ion Ratio Lower Upper

92 100

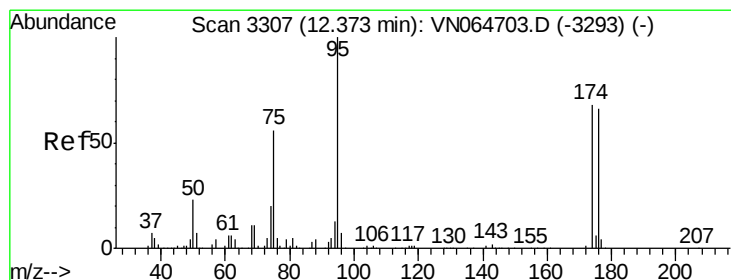
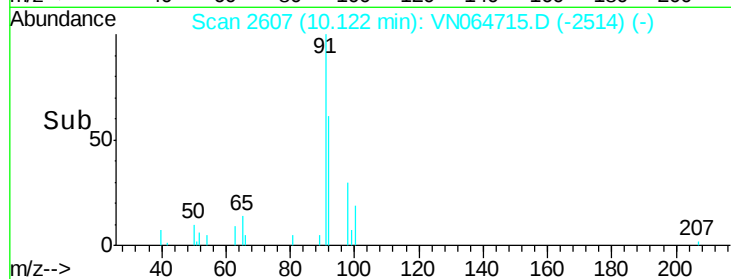
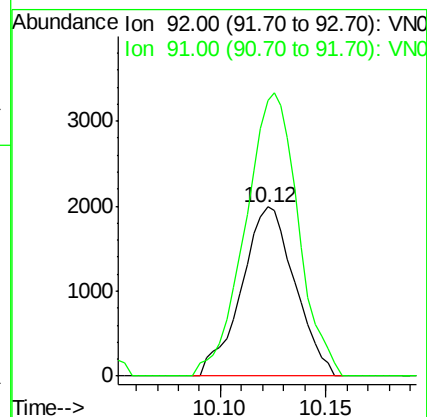
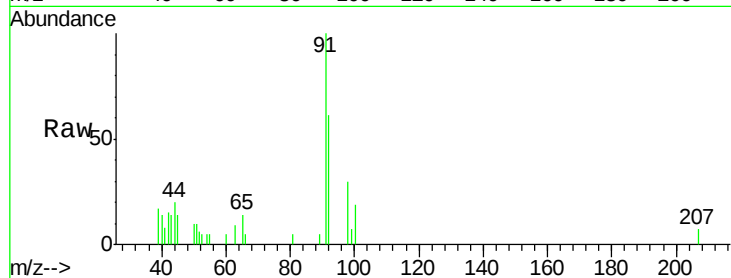
91 165.9 141.2 211.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 57.040 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064715.D

Acq: 18 Nov 2020 18:36

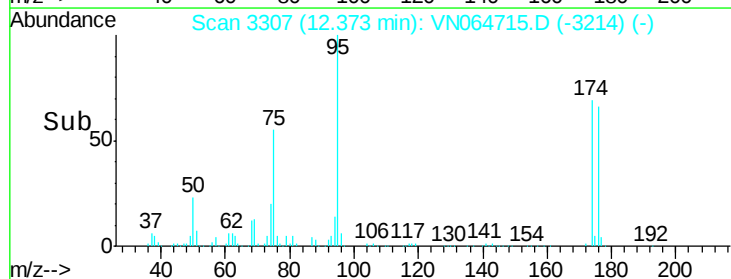
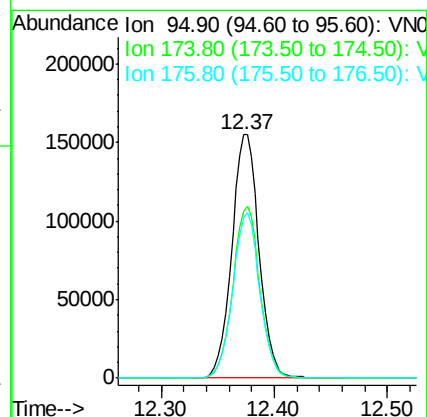
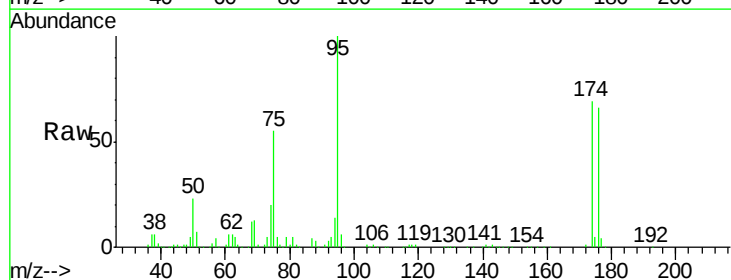
Tgt Ion: 95 Resp: 258490

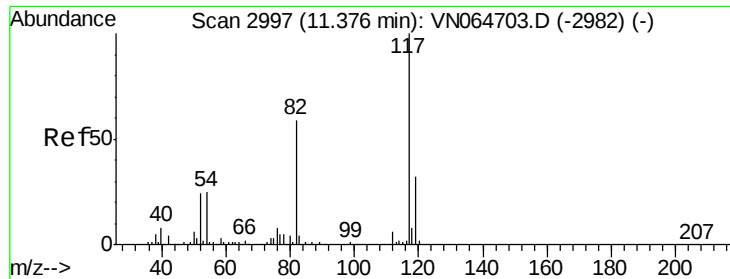
Ion Ratio Lower Upper

95 100

174 70.3 0.0 136.8

176 67.3 0.0 134.2





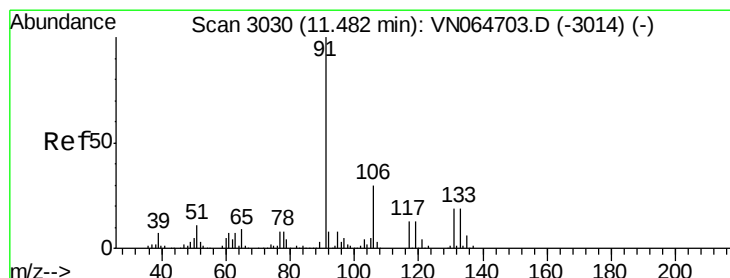
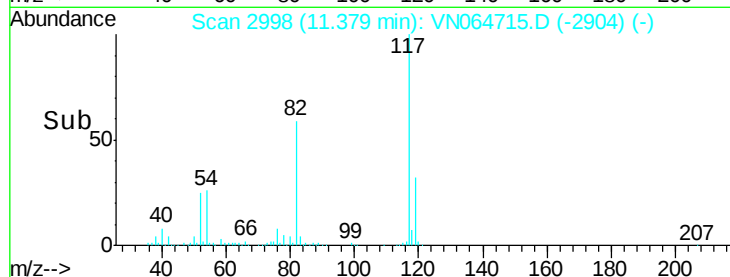
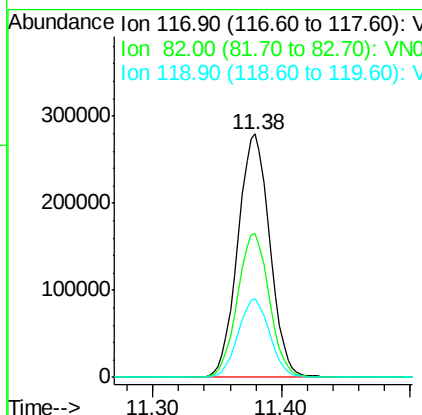
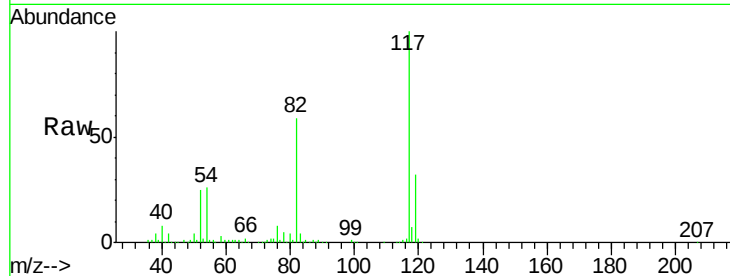
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064715.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
MW-10

Tot Ion	Ratio	Resp	Lower	Upper
117	100	483578		
82	59.1		47.0	70.6
119	32.3		25.4	38.2

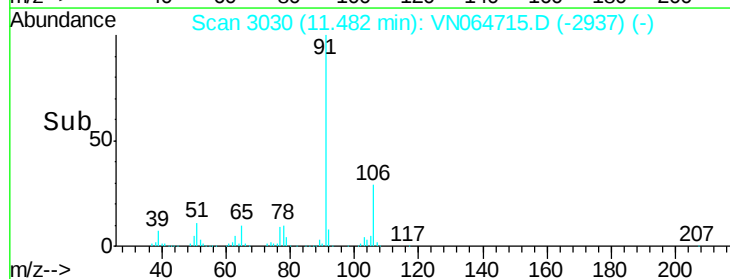
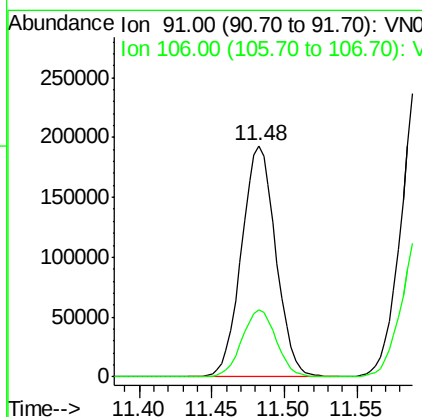
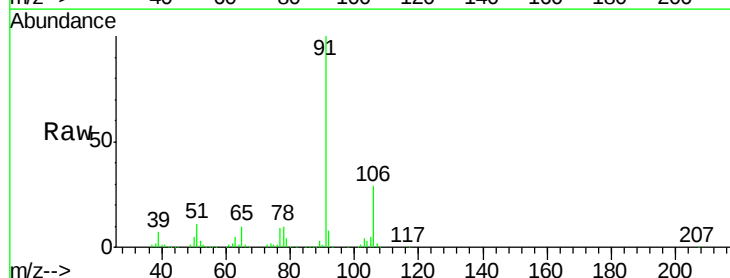
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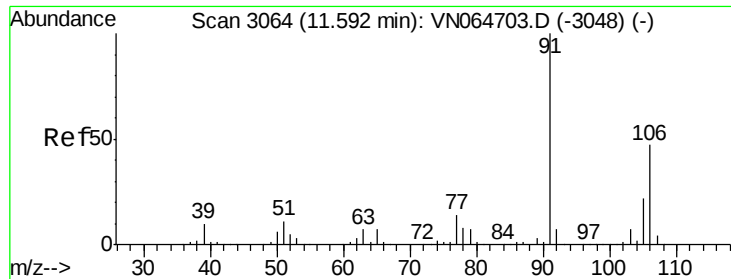
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#67
Ethyl Benzene
Concen: 17.521 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064715.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	317769		
106	29.0		23.9	35.9





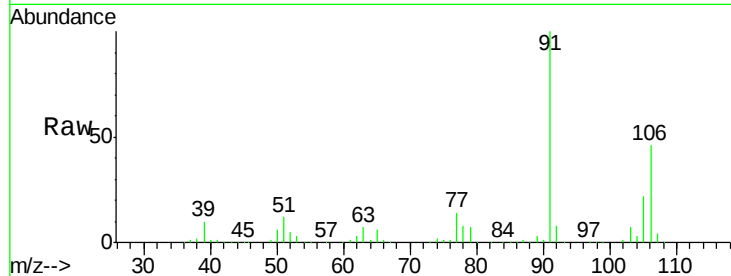
#68
m/p-Xylenes
Concen: 37.818 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.01 min
Lab File: VN064715.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_N
ClientSampled :
MW-10

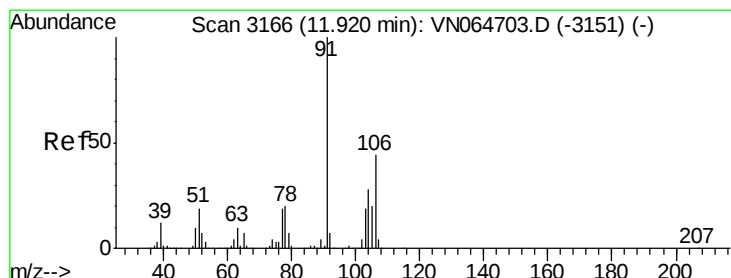
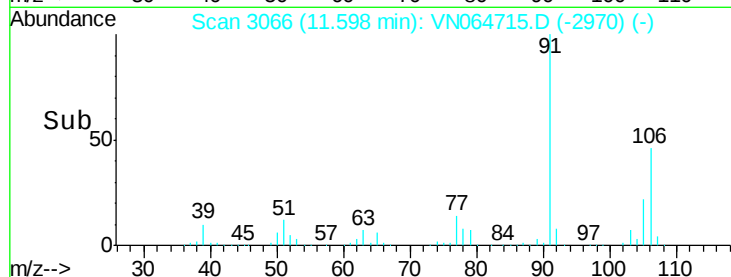
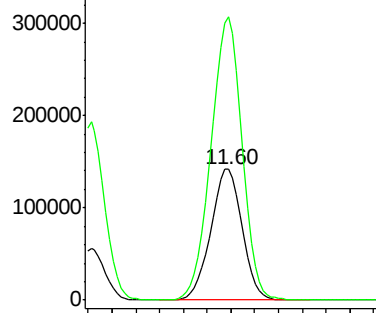
Tot Ion:106 Resp: 259130
Ion Ratio Lower Upper
106 100
91 213.2 171.9 257.9

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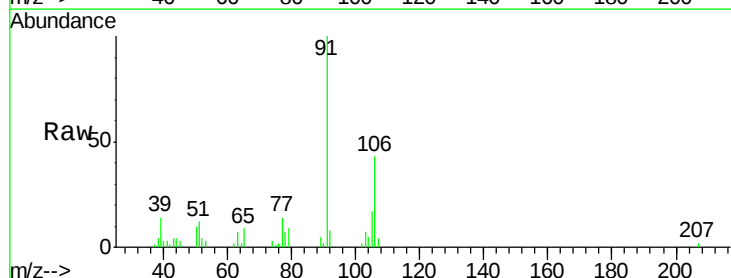


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

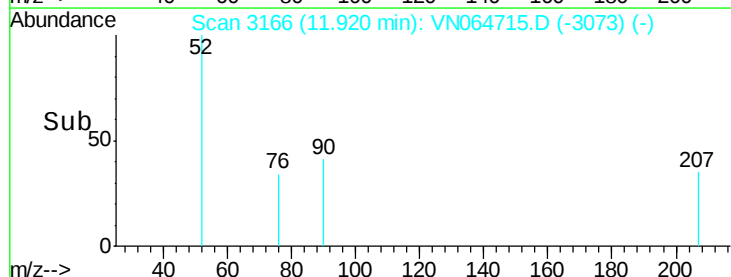
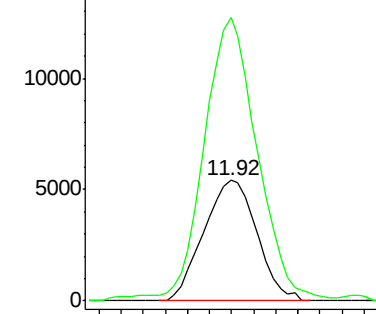


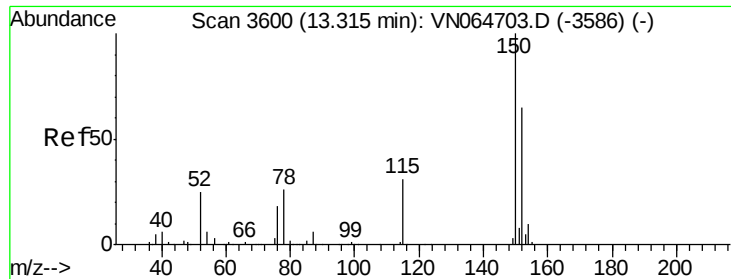
#69
o-Xylene
Concen: 1.431 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064715.D
Acq: 18 Nov 2020 18:36

Tgt Ion:106 Resp: 9056
Ion Ratio Lower Upper
106 100
91 237.0 112.1 336.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064715.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_N

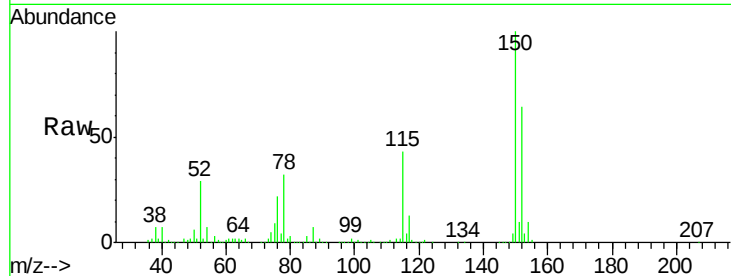
ClientSampleId :

MW-10

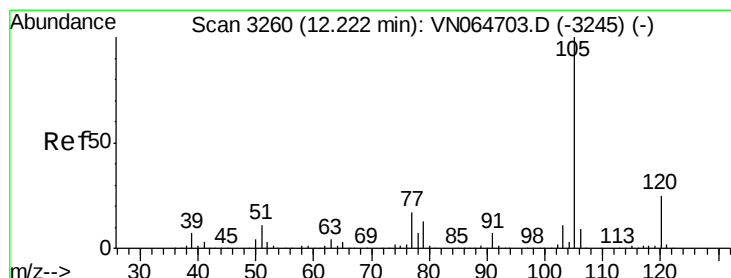
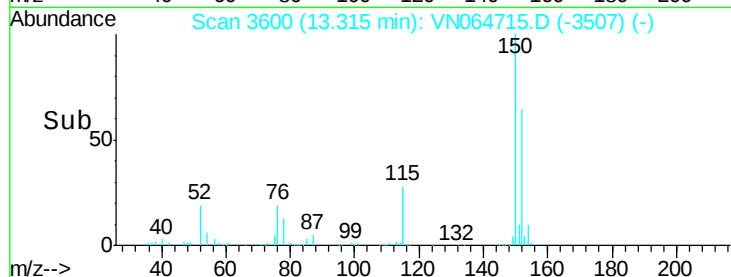
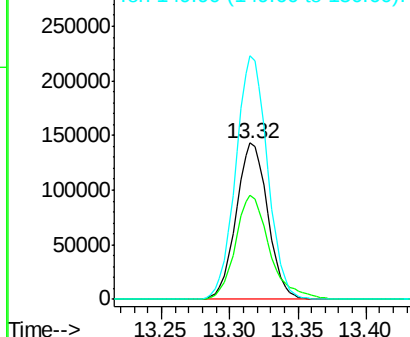
Tot Ion:	152	Resp:	230560
Ion Ratio	Lower	Upper	
152	100		
115	71.3	32.1	96.3
150	156.2	0.0	344.8

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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



#73

Isopropylbenzene

Concen: 14.943 ug/l

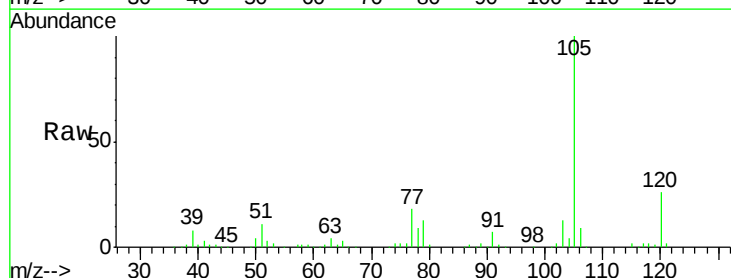
RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

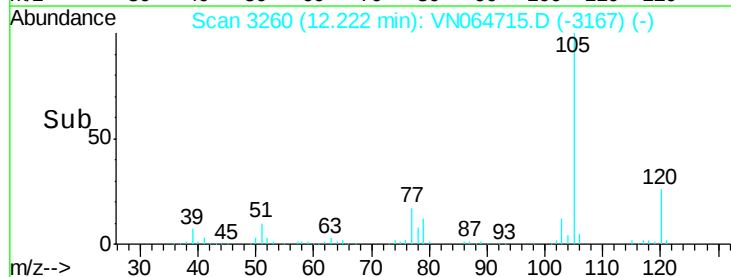
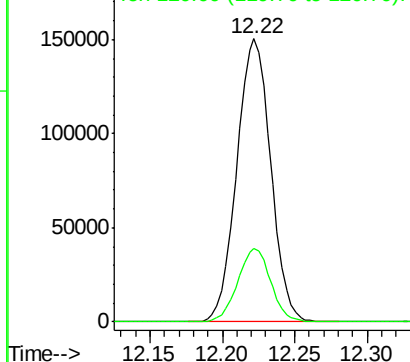
Lab File: VN064715.D

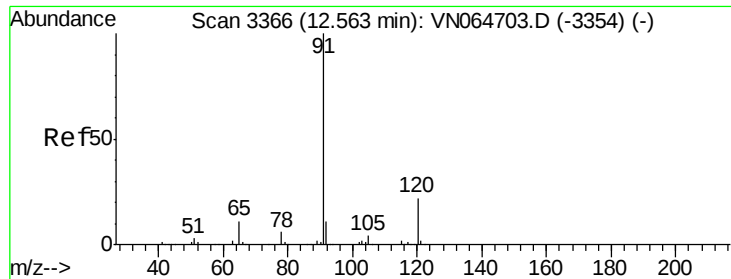
Acq: 18 Nov 2020 18:36

Tgt Ion:	105	Resp:	244618
Ion Ratio	Lower	Upper	
105	100		
120	25.2	12.8	38.3



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





#78

n-propylbenzene

Concen: 16.123 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064715.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_N

ClientSampled :

MW-10

Tot Ion: 91 Resp: 307369

Ion Ratio Lower Upper

91 100

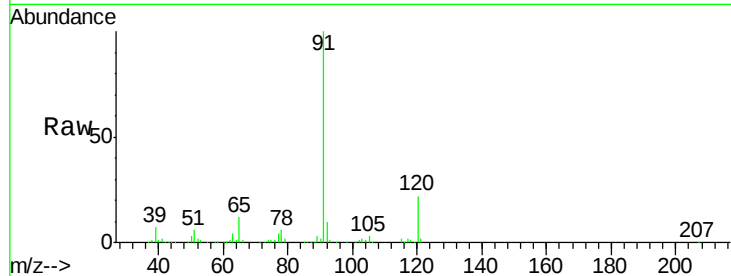
120 21.3 10.9 32.9

Manual Integrations

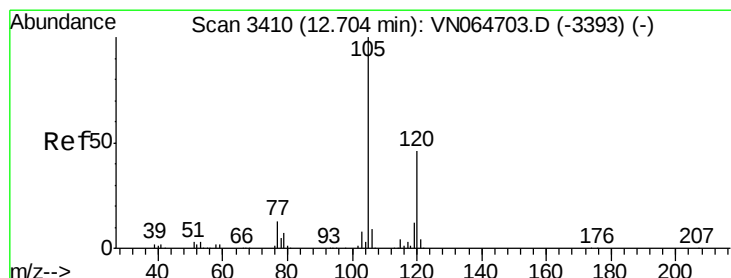
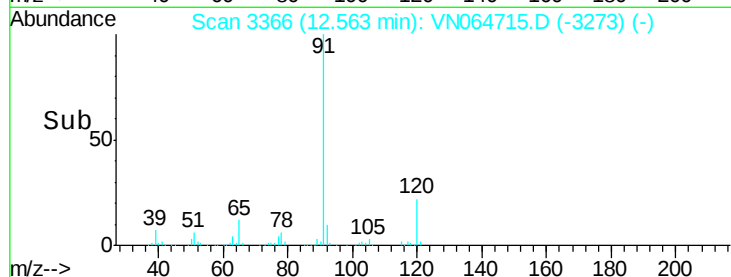
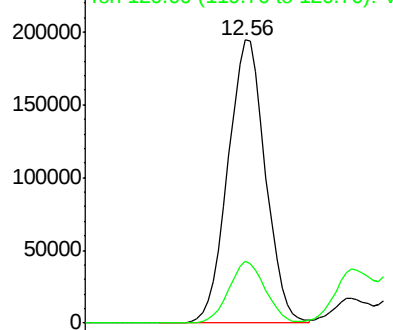
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Abundance Ion 91.00 (90.70 to 91.70): VN064715.D (-3273) (-)



#80

1,3,5-Trimethylbenzene

Concen: 27.570 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064715.D

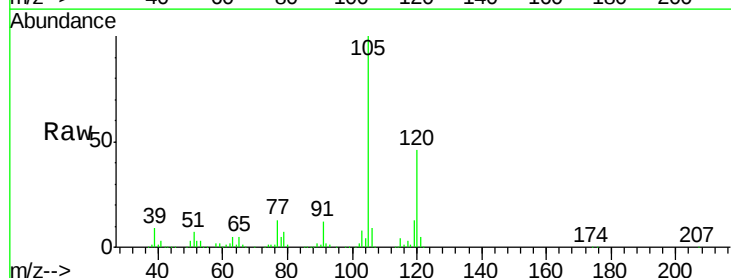
Acq: 18 Nov 2020 18:36

Tgt Ion: 105 Resp: 374908

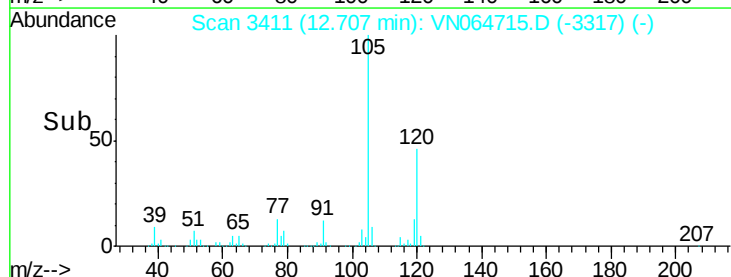
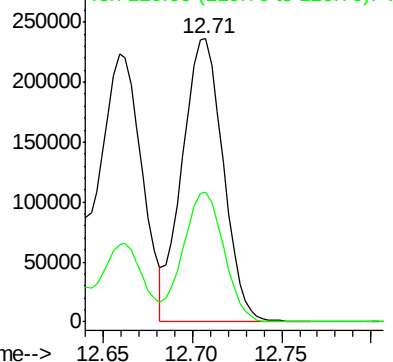
Ion Ratio Lower Upper

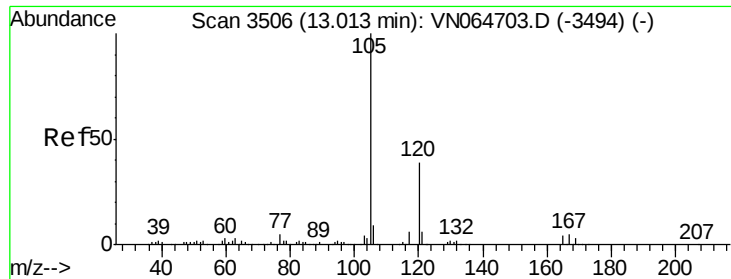
105 100

120 45.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064715.D (-3317) (-)





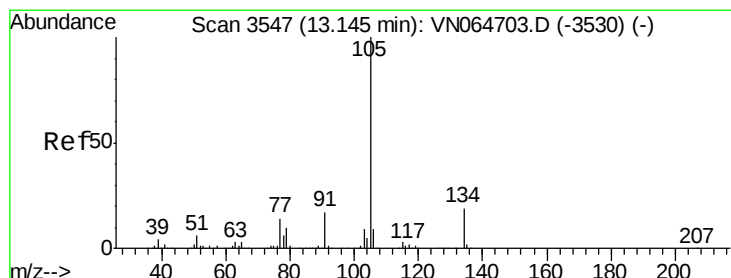
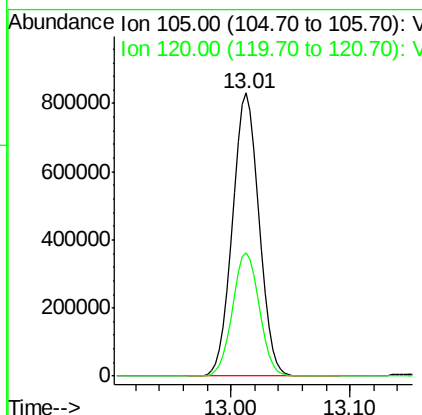
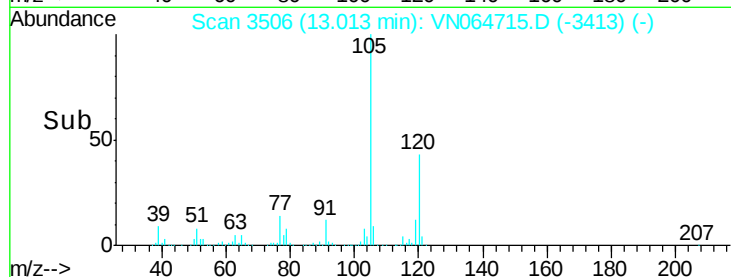
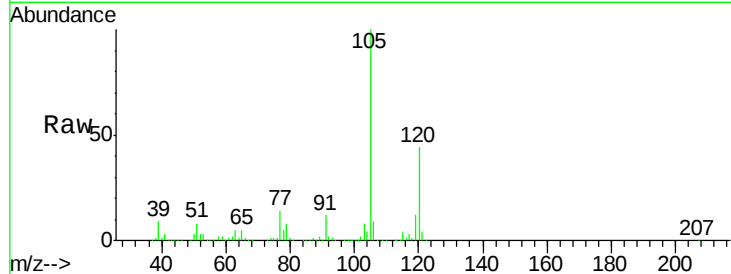
#84
 1,2,4-Trimethylbenzene
 Concen: 92.501 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064715.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_N
 ClientSampled :
 MW-10

Tot Ion:105 Resp: 1283767
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0

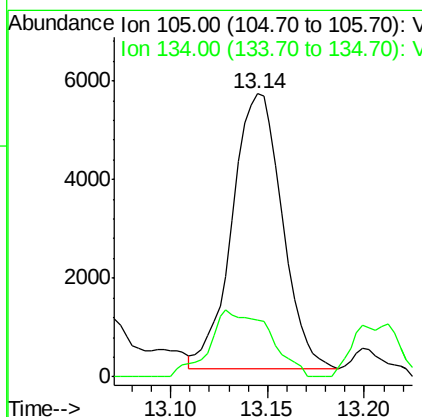
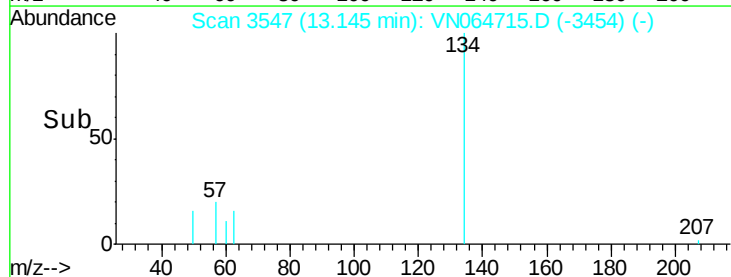
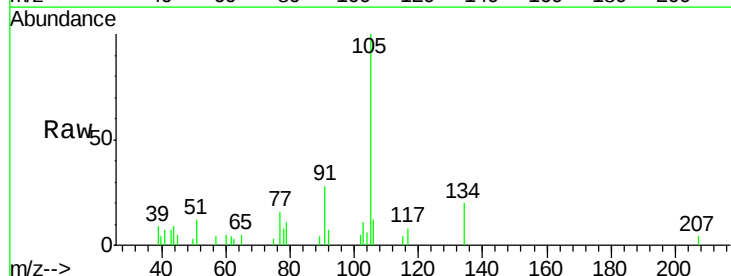
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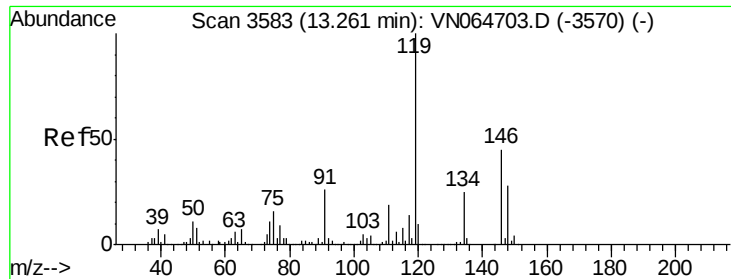
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#85
 sec-Butylbenzene
 Concen: 0.713 ug/l m
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064715.D
 Acq: 18 Nov 2020 18:36

Tgt Ion:105 Resp: 10002
 Ion Ratio Lower Upper
 105 100
 134 1.0 9.5 28.5#





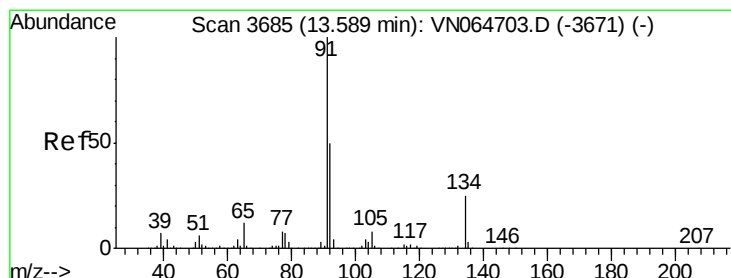
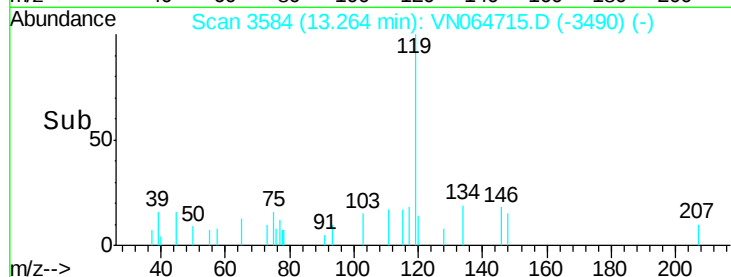
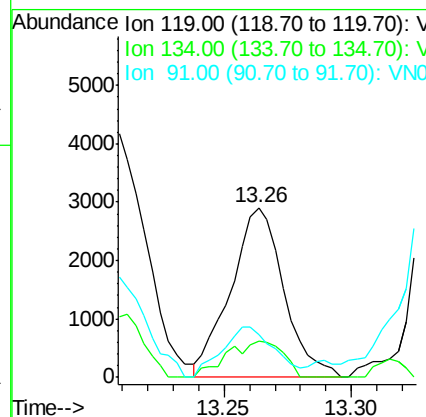
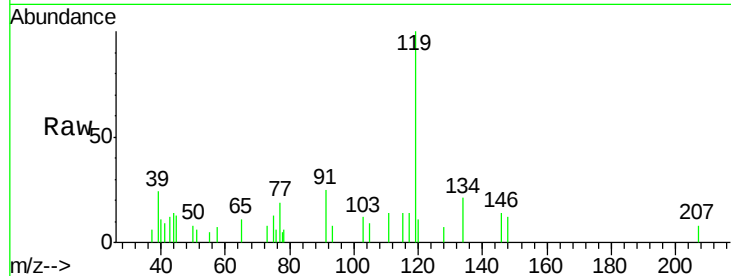
#86
 p-Isopropyltoluene
 Concen: 0.327 ug/l m
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064715.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_N
 ClientSampled :
 MW-10

Tot Ion	Ratio	Lower	Upper
119	100		
134	23.0	12.7	38.0
91	0.0	13.3	39.8#

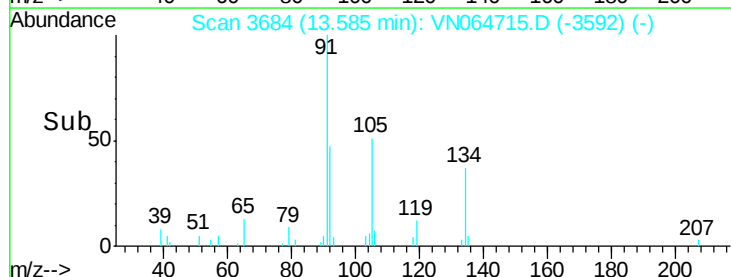
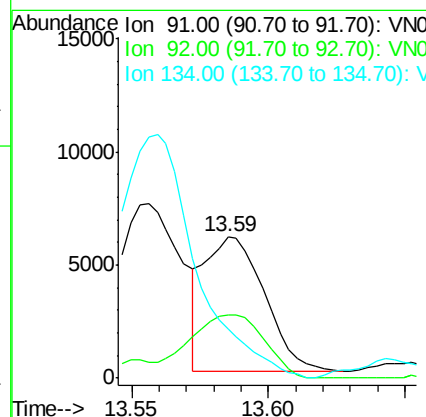
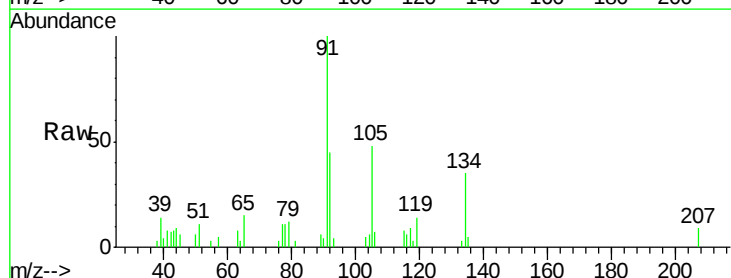
Manual Integrations
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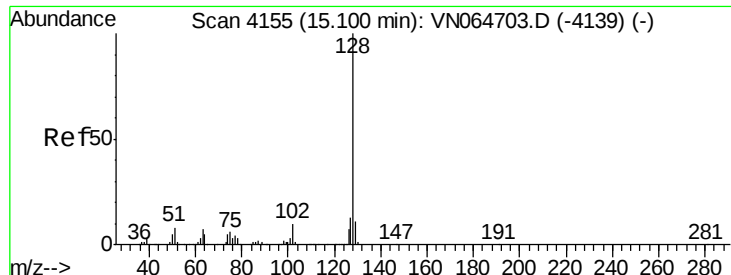
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#89
 n-Butylbenzene
 Concen: 0.756 ug/l m
 RT: 13.59 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: VN064715.D
 Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	8.9	24.9	74.8#
134	234.9	12.0	36.0#





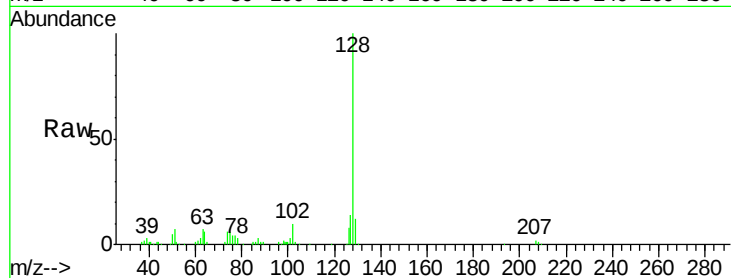
#95
Naphthalene
Concen: 7.265 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064715.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
MW-10

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.8	16.2
129	11.5	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

