

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064741.D
 Acq On : 19 Nov 2020 18:26
 Operator : JC/MD
 Sample : L4783-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Manual Integrations
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 11/24/2020 3:11:26 PM

Quant Time: Nov 20 05:10:52 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	199250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	447481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200717	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
35) Dibromofluoromethane	7.55	113	137363	58.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.90%	
50) Toluene-d8	10.06	98	547294	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.38	95	228940	57.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.68%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.05	50	2142	0.778	ug/l	93
16) Acetone	3.78	43	9739m	16.316	ug/l	
39) Methylcyclohexane	9.05	83	2181	0.579	ug/l #	54
67) Ethyl Benzene	11.48	91	23715	1.413	ug/l	98
68) m/p-Xylenes	11.60	106	3368	4.536	ug/l	97
73) Isopropylbenzene	12.22	105	162346	11.444	ug/l	99
78) n-propylbenzene	12.57	91	318815	19.297	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	30506	2.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	7357	0.612	ug/l	99
85) sec-Butylbenzene	13.14	105	22670	1.866	ug/l #	58
89) n-Butylbenzene	13.59	91	29820	2.858	ug/l #	76
95) Naphthalene	15.10	128	22803	2.030	ug/l	98

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

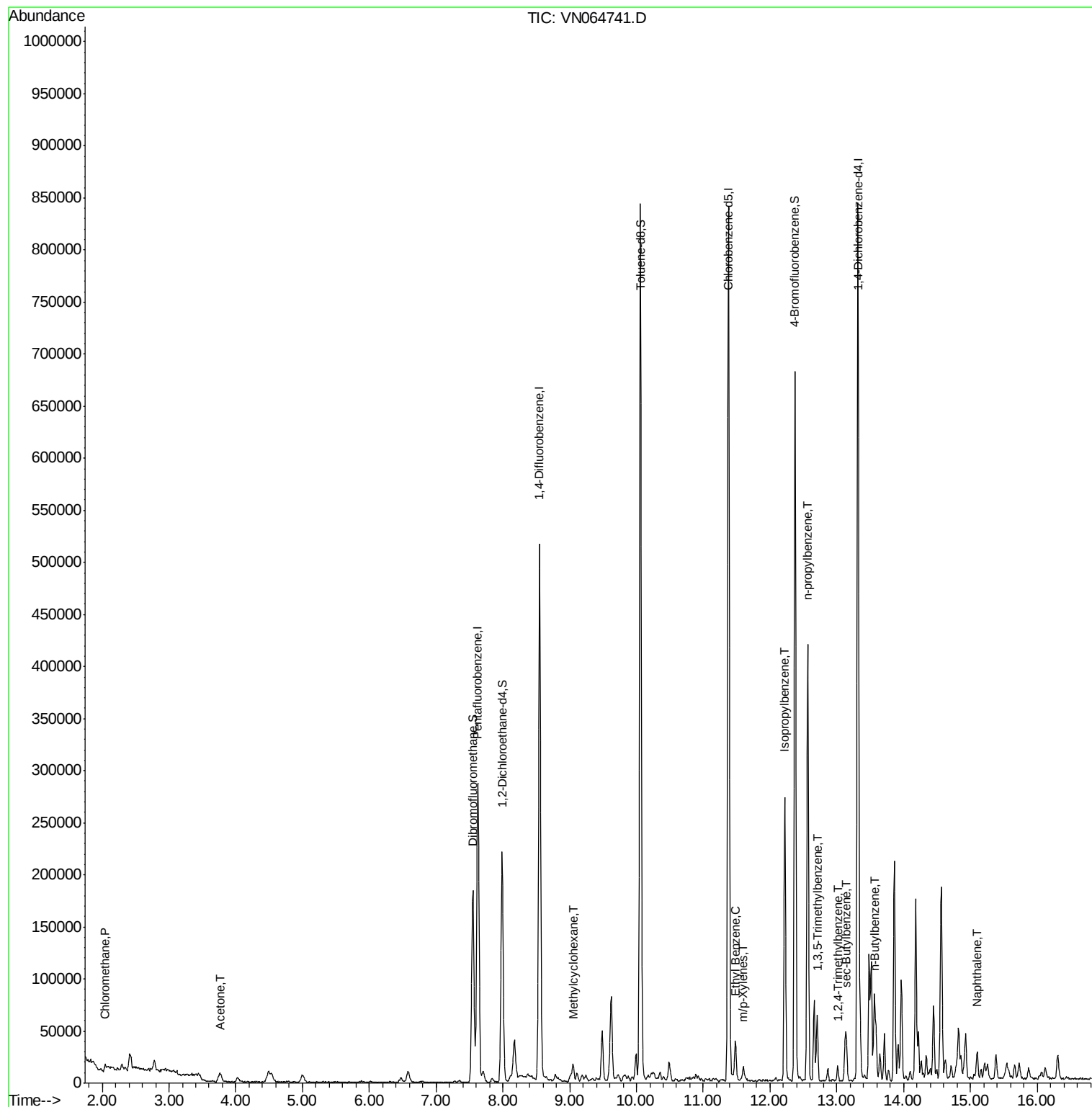
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064741.D
Acq On : 19 Nov 2020 18:26
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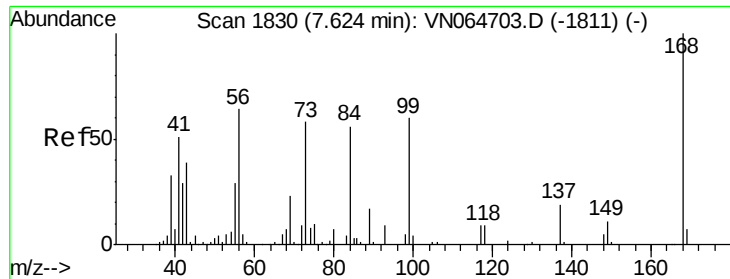
Instrument :
MSVOA_N
ClientSampleId :
MW-4

Quant Time: Nov 20 05:10:52 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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampleId :

MW-4

Tot Ion:168 Resp: 199250

Ion Ratio Lower Upper

168 100

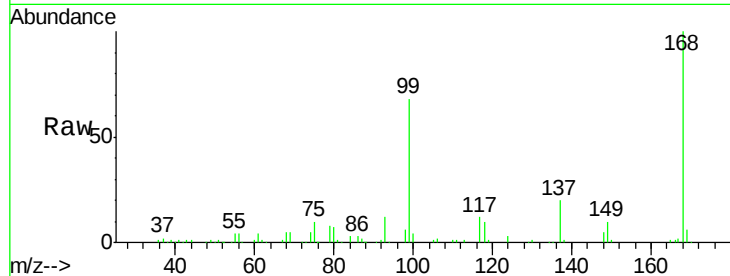
99 68.5 55.7 83.5

Manual Integrations

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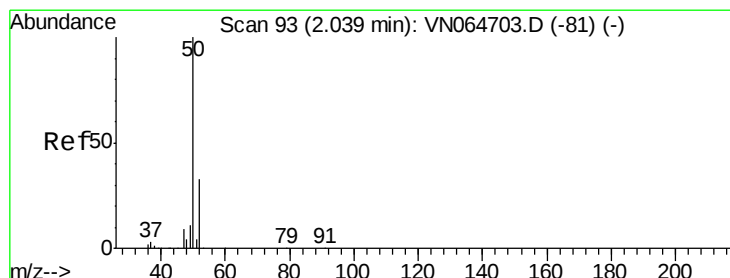
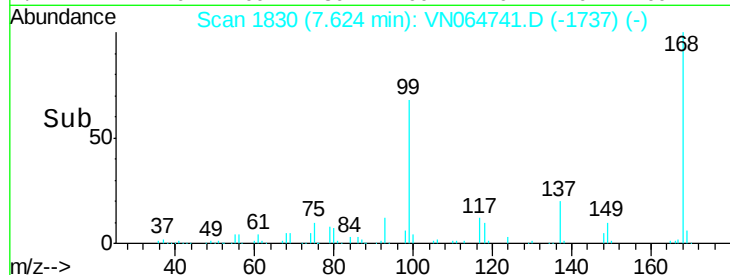
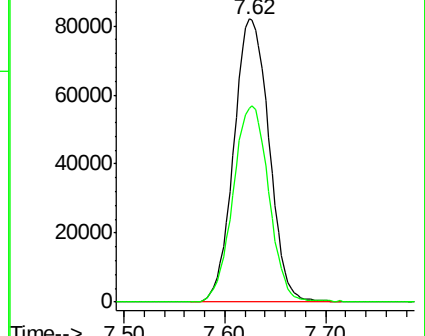
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.778 ug/l

RT: 2.05 min Scan# 95

Delta R.T. 0.01 min

Lab File: VN064741.D

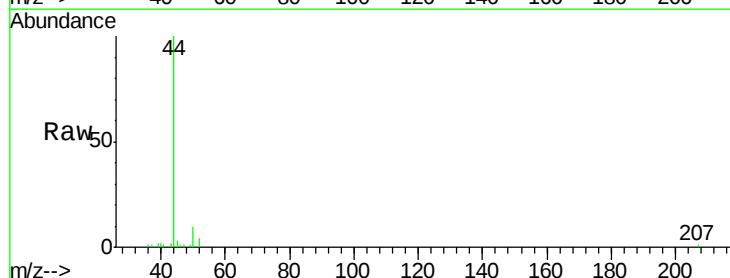
Acq: 19 Nov 2020 18:26

Tgt Ion: 50 Resp: 2142

Ion Ratio Lower Upper

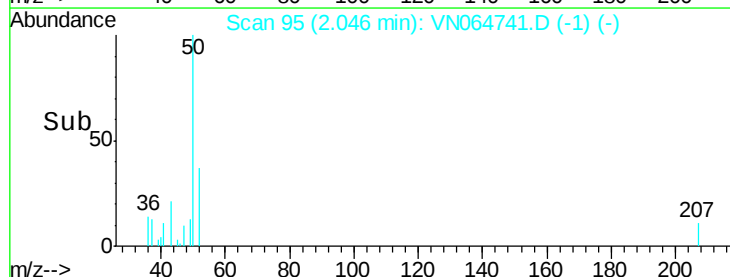
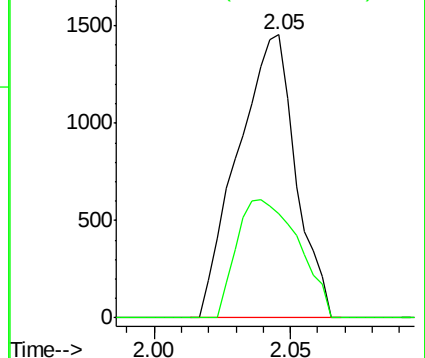
50 100

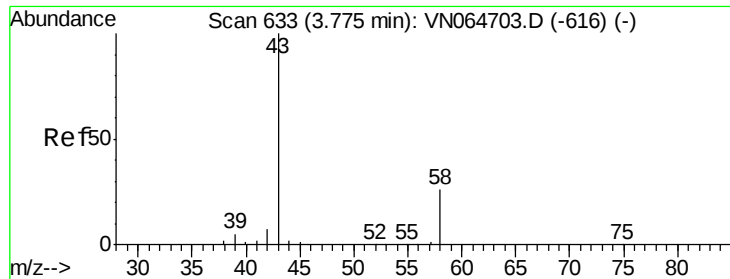
52 36.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





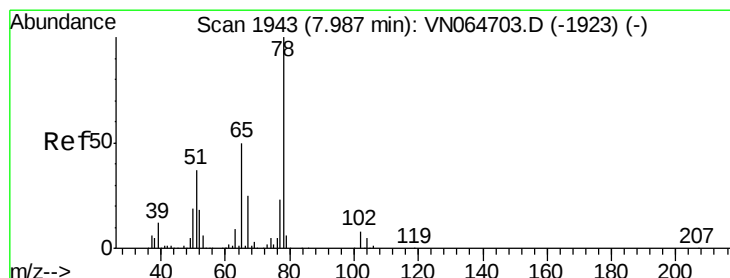
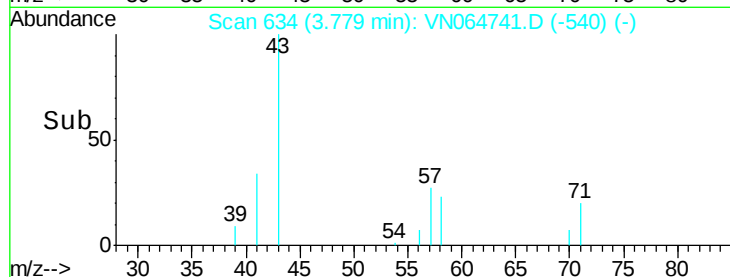
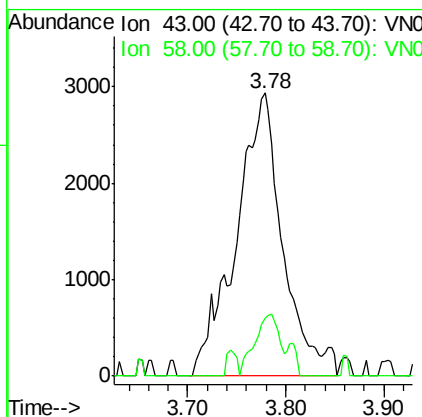
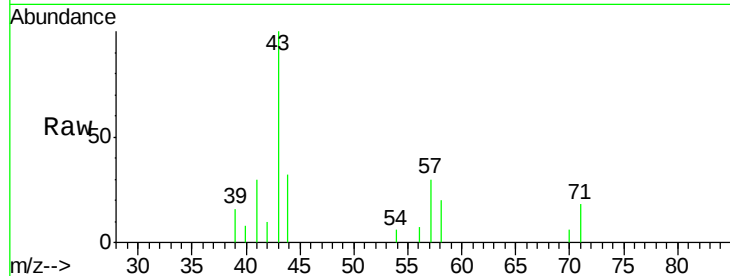
#16
Acetone
Concen: 16.316 ug/l m
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tot Ion: 43 Resp: 9739
Ion Ratio Lower Upper
43 100
58 20.4 21.2 31.8#

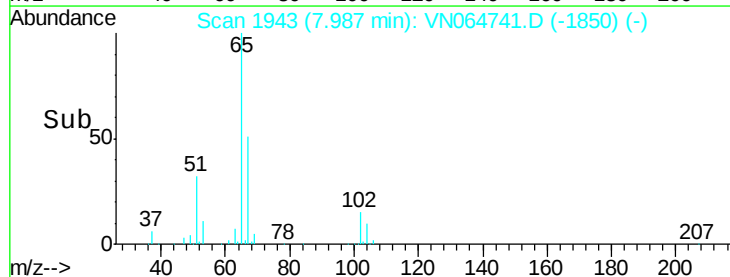
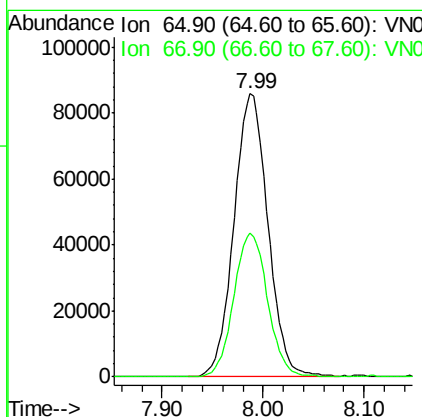
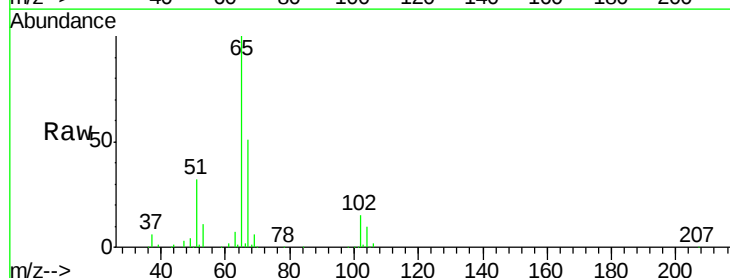
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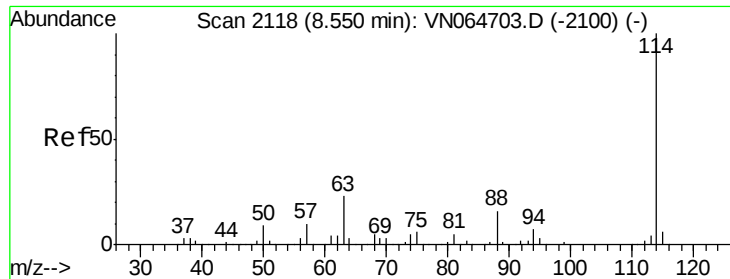
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#33
1,2-Dichloroethane-d4
Concen: 57.264 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion: 65 Resp: 200717
Ion Ratio Lower Upper
65 100
67 50.4 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: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

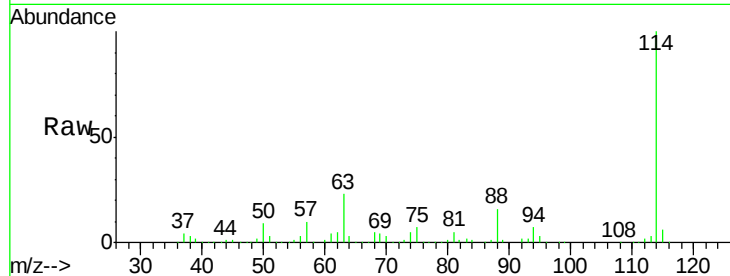
ClientSampled :

MW-4

Tot Ion:	114	Resp:	412930
Ion Ratio	Lower	Upper	
114	100		
63	23.0	0.0	46.0
88	16.1	0.0	31.2

Manual Integrations
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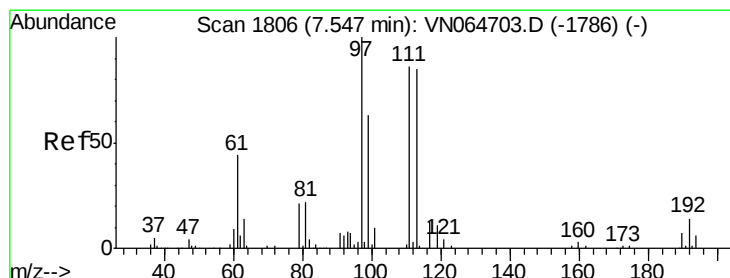
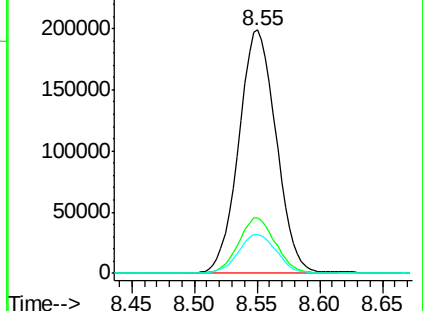
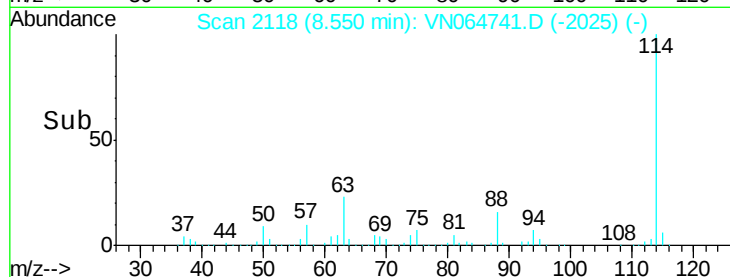
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 58.445 ug/l

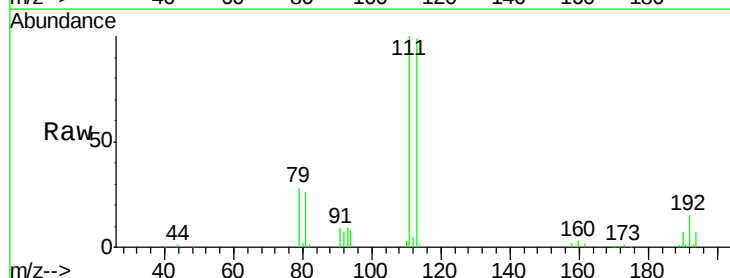
RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

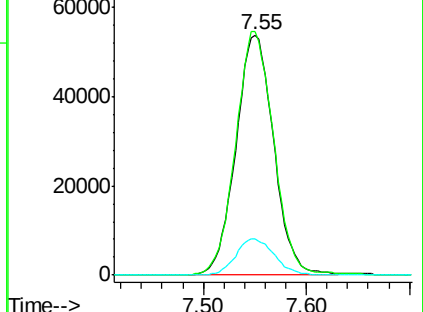
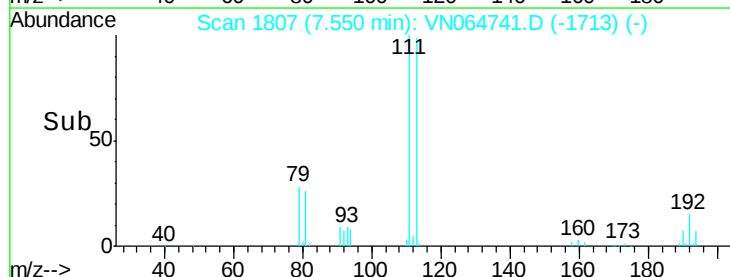
Tgt Ion:	113	Resp:	137363
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.2	123.4
192	15.3	12.7	19.1

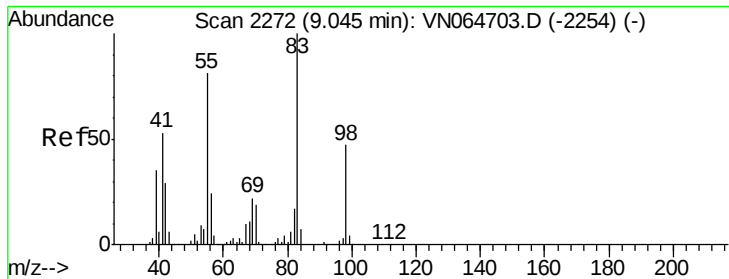


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





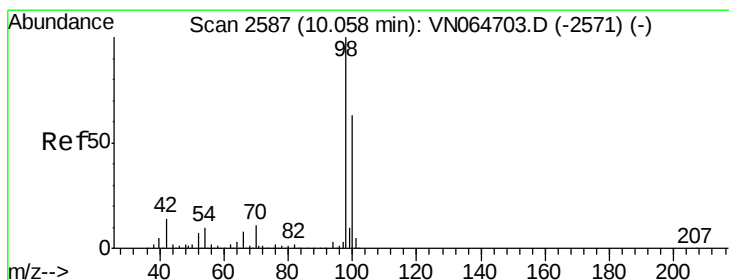
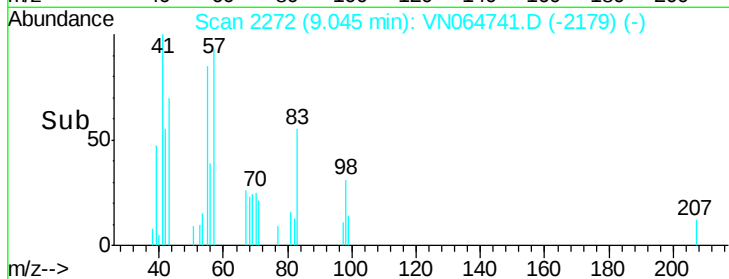
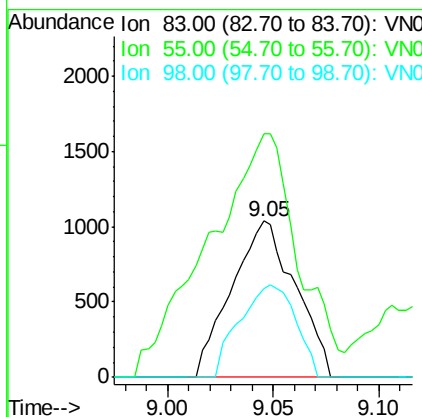
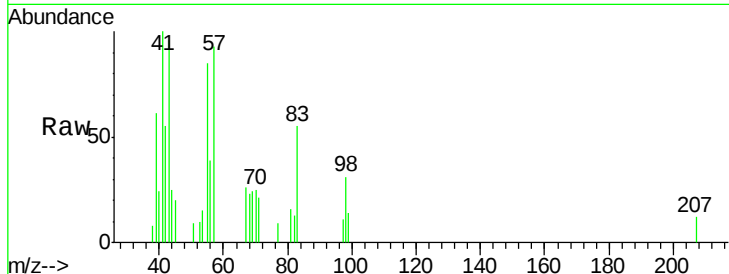
#39
Methvlcvclohexane
Concen: 0.579 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
83	100		
55	138.3	64.6	97.0#
98	56.4	37.7	56.5

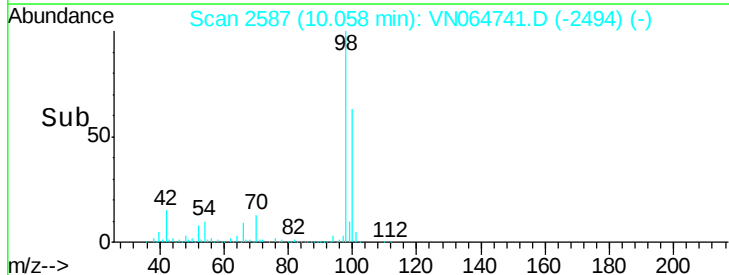
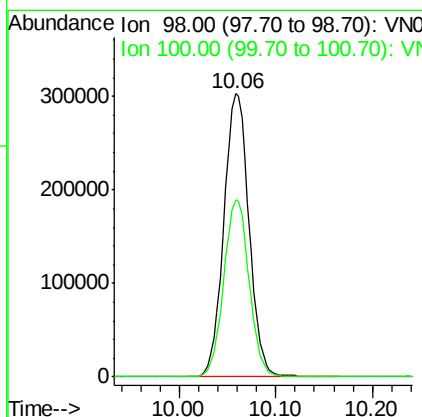
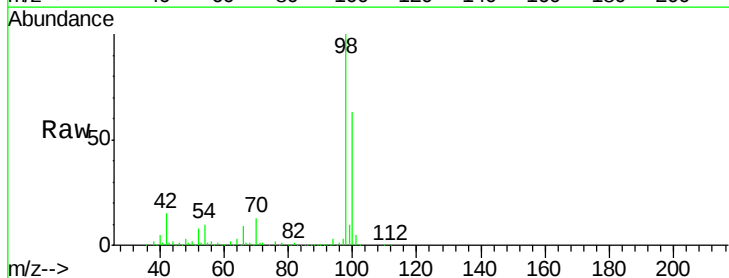
Manual Integrations
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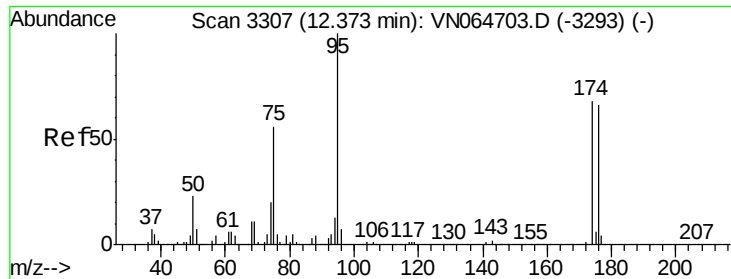
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#50
Toluene-d8
Concen: 51.237 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.4	75.6





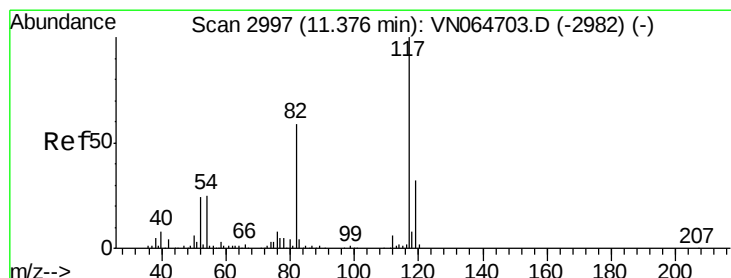
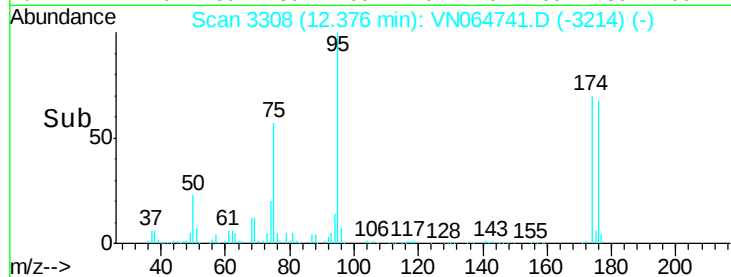
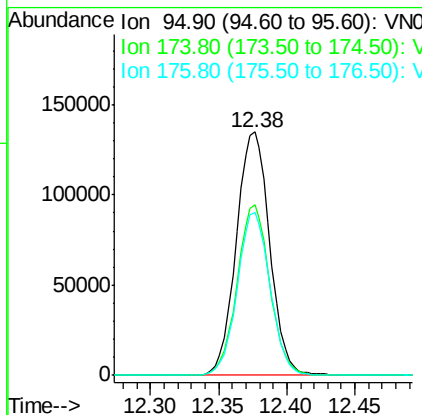
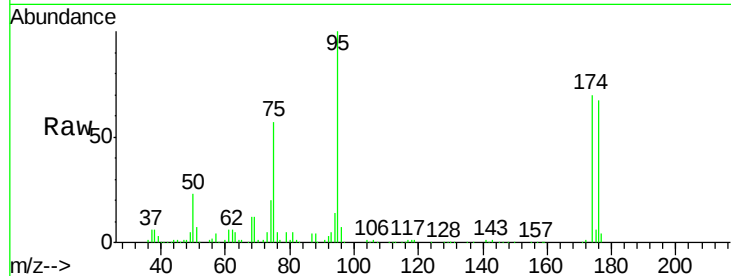
#62
4-Bromofluorobenzene
Concen: 57.341 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ratio	Resp	Lower	Upper
95	100	228940		
174	68.2	0.0	136.8	
176	65.6	0.0	134.2	

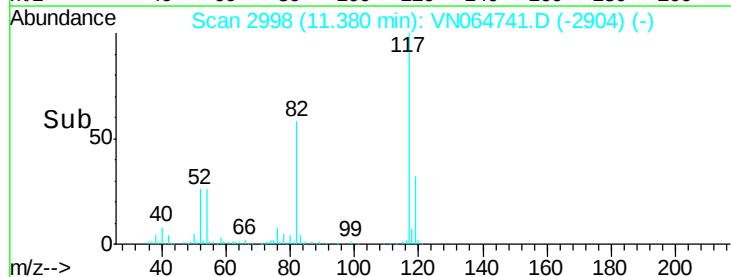
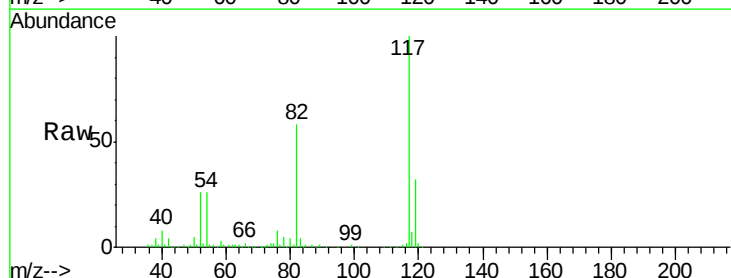
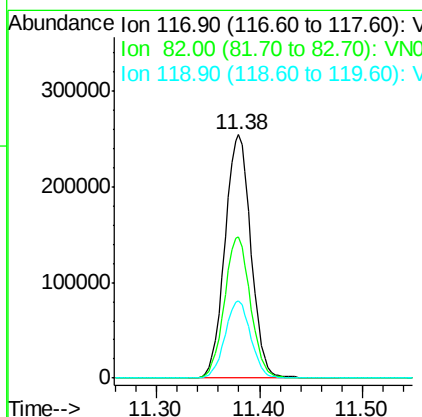
Manual Integrations
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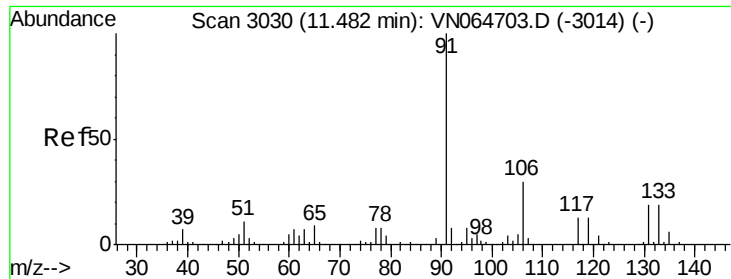
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	447481		
82	58.0	47.0	70.6	
119	31.8	25.4	38.2	





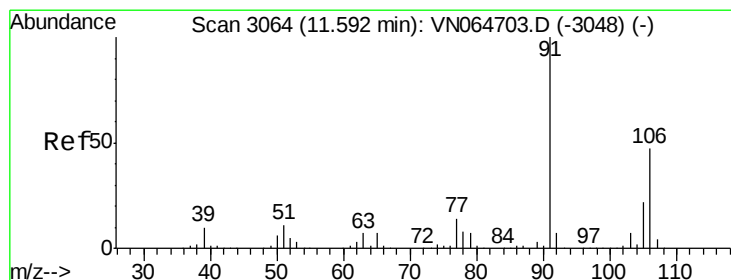
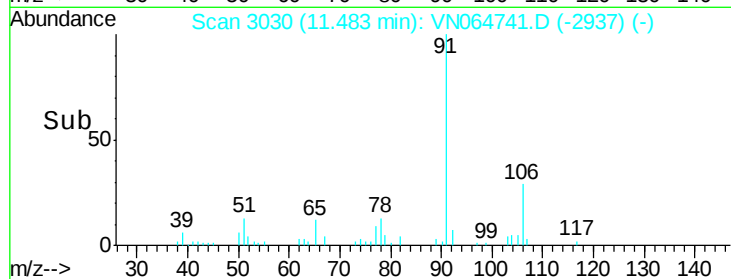
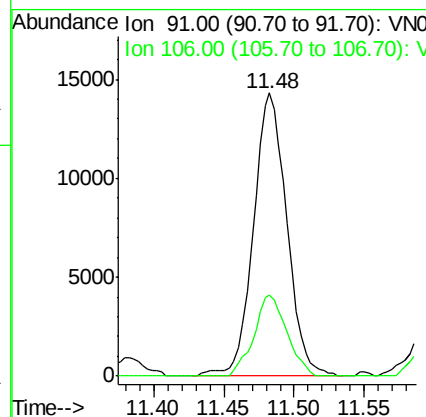
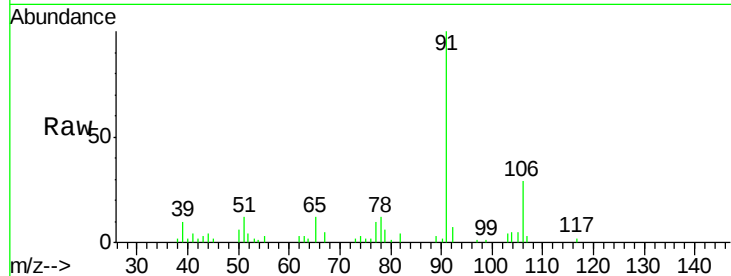
#67
Ethyl Benzene
Concen: 1.413 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion: 91 Resp: 23715
Ion Ratio Lower Upper
91 100
106 28.8 23.9 35.9

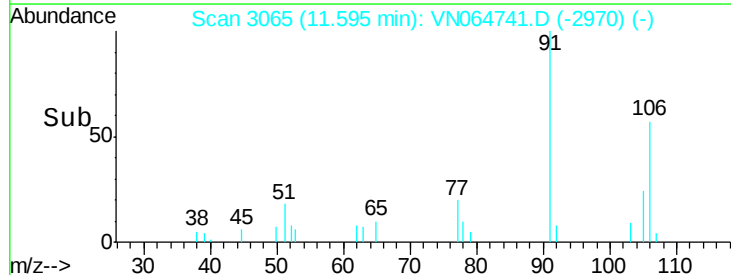
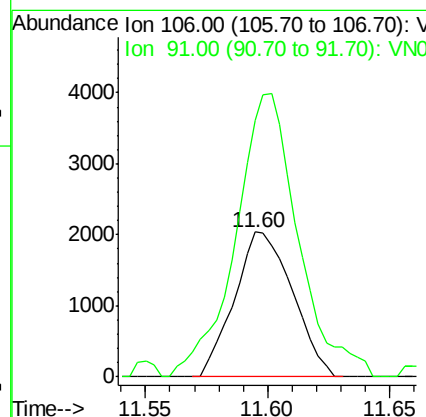
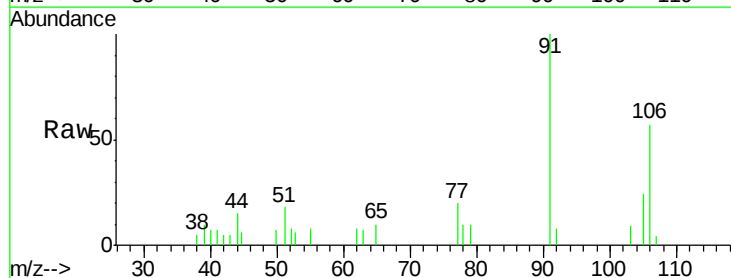
Manual Integrations
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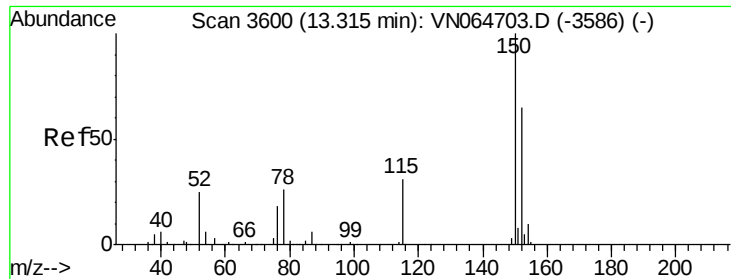
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#68
m/p-Xylenes
Concen: 4.536 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion: 106 Resp: 3368
Ion Ratio Lower Upper
106 100
91 210.5 171.9 257.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

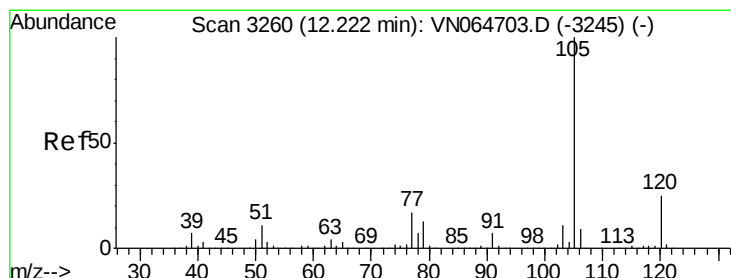
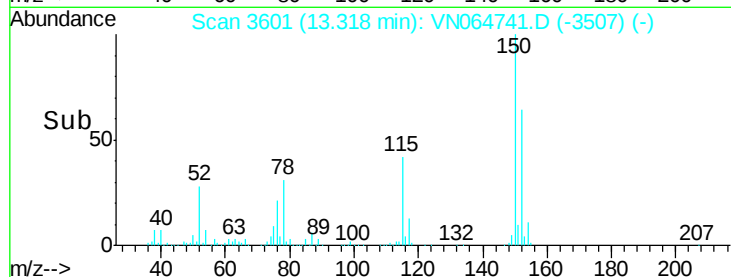
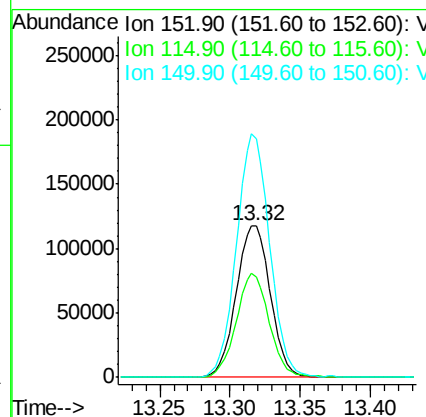
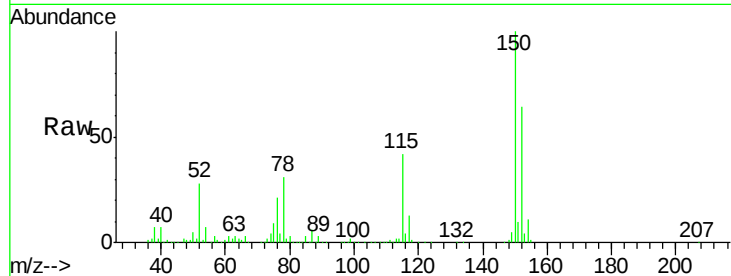
ClientSampled :

MW-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.8	32.1	96.3
150	156.0	0.0	344.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 11.444 ug/l

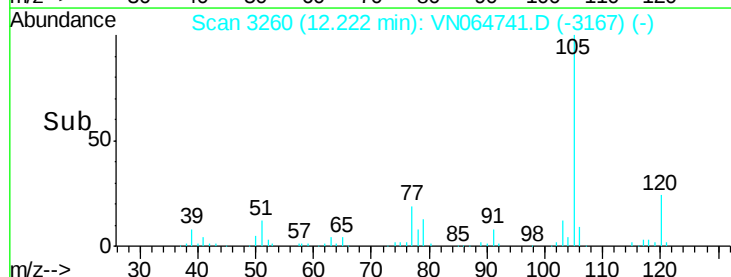
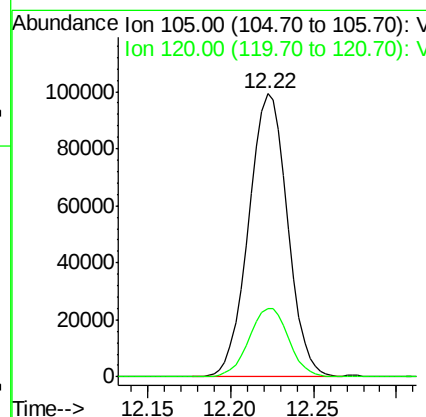
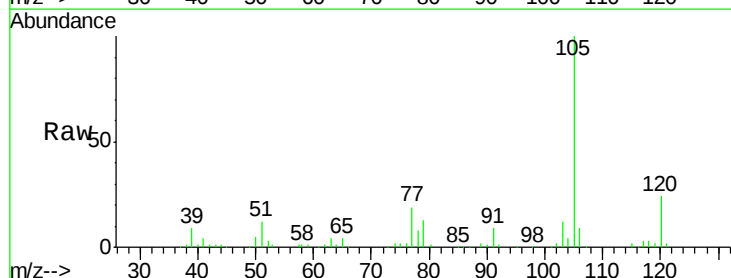
RT: 12.22 min Scan# 3260

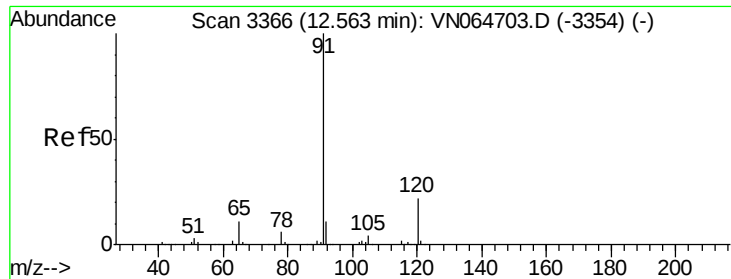
Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.8	38.3





#78

n-propylbenzene

Concen: 19.297 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

MW-4

Tot Ion: 91 Resp: 318815

Ion Ratio Lower Upper

91 100

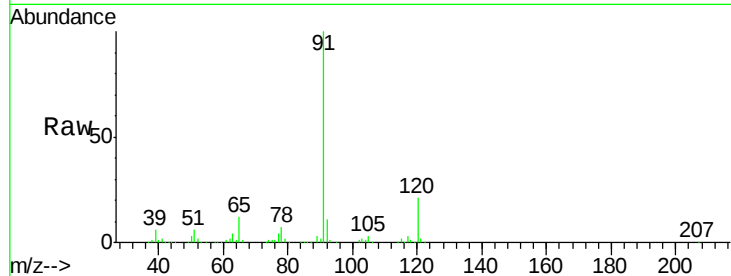
120 21.1 10.9 32.9

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Abundance Ion 91.00 (90.70 to 91.70): VN064741.D (-3367) (-)

Ion 120.00 (119.70 to 120.70): VN064741.D (-3367) (-)

12.57

200000

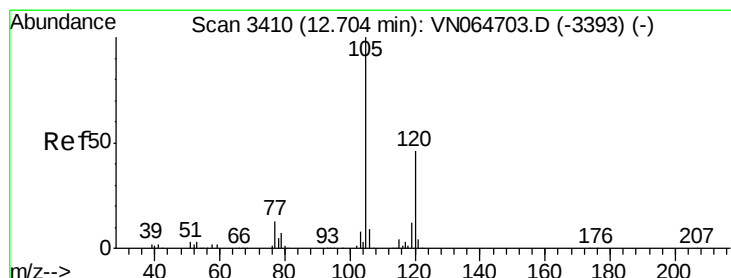
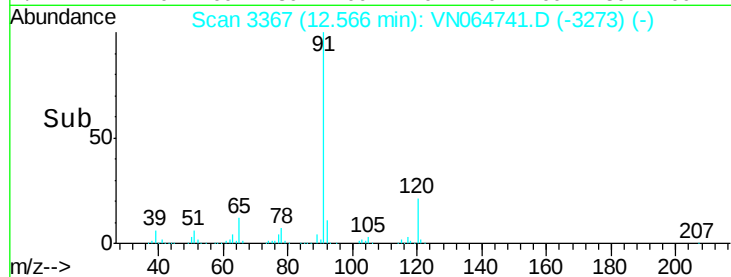
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 2.589 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064741.D

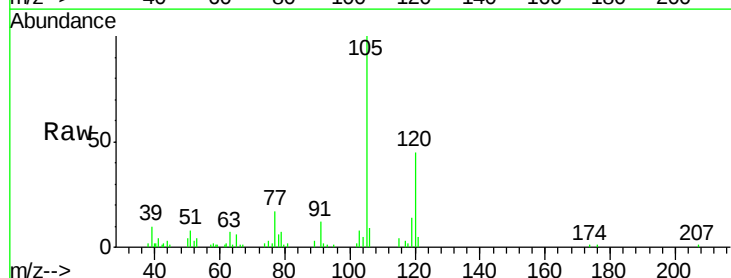
Acq: 19 Nov 2020 18:26

Tgt Ion: 105 Resp: 30506

Ion Ratio Lower Upper

105 100

120 47.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064741.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN064741.D (-3410) (-)

12.71

30000

25000

20000

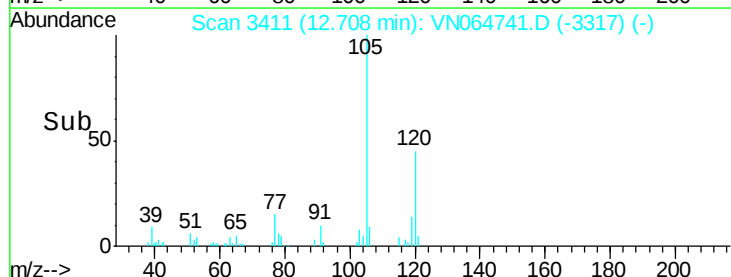
15000

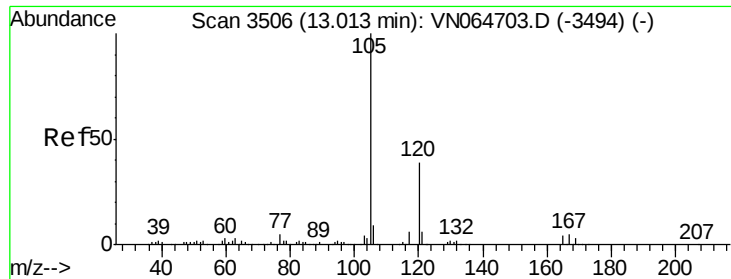
10000

5000

0

Time-->





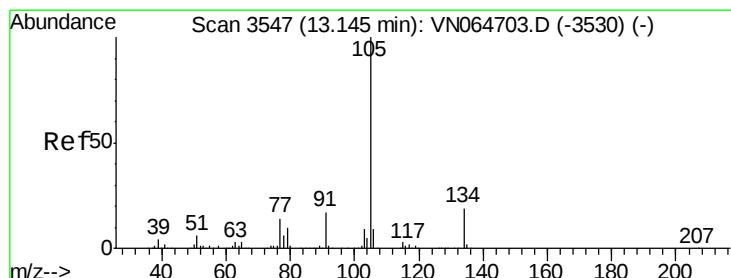
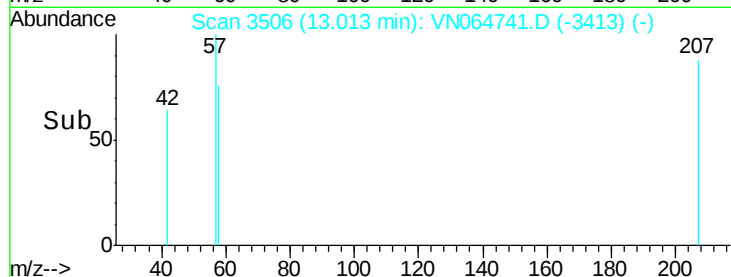
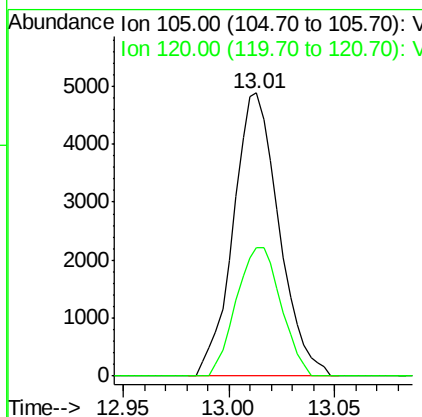
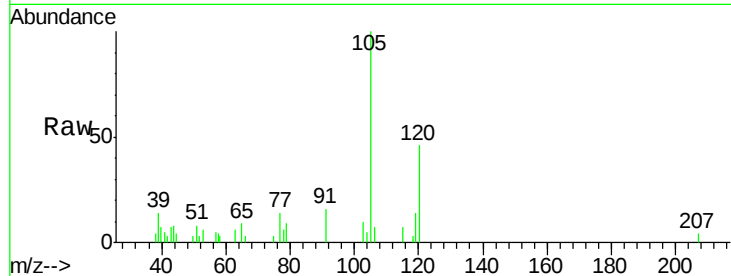
#84
1,2,4-Trimethylbenzene
Concen: 0.612 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion:105 Resp: 7357
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0

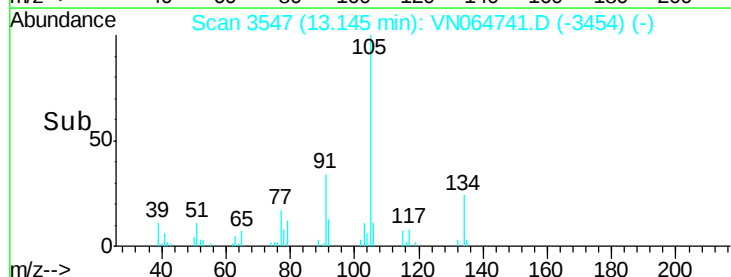
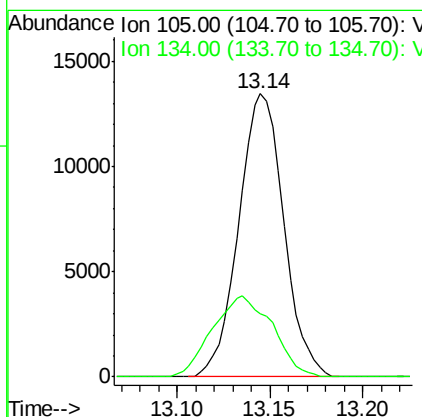
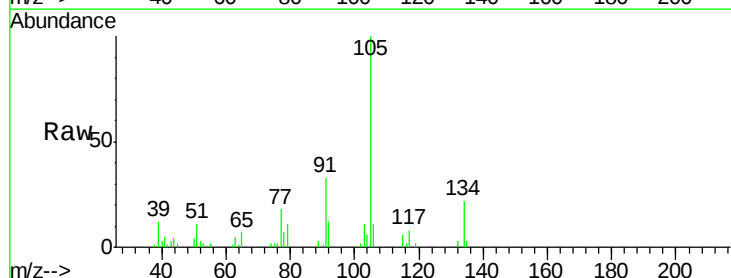
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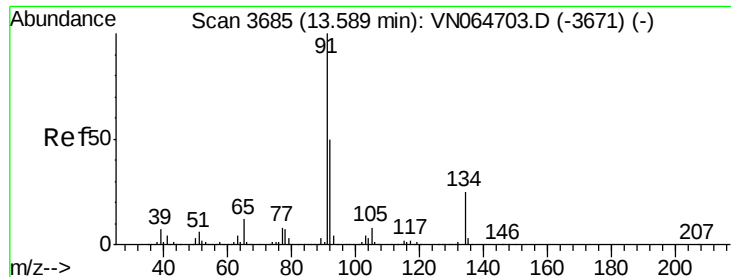
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#85
sec-Butylbenzene
Concen: 1.866 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion:105 Resp: 22670
Ion Ratio Lower Upper
105 100
134 38.1 9.5 28.5#





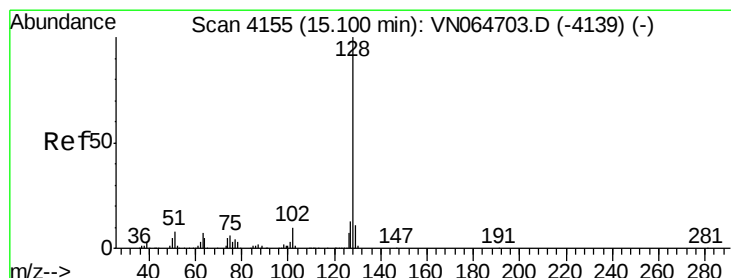
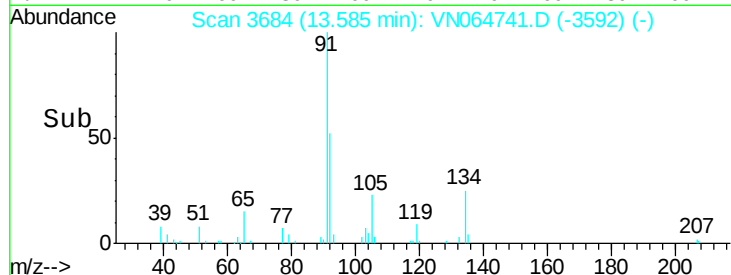
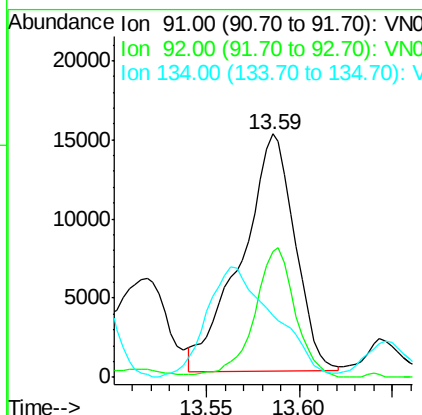
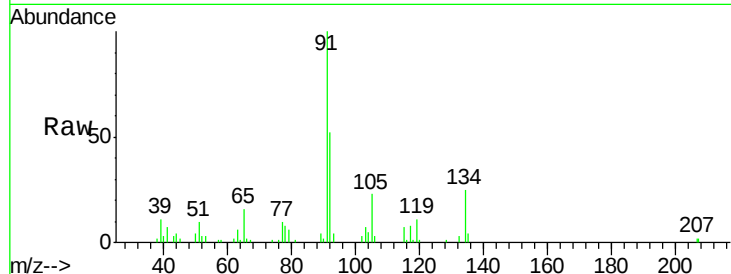
#89
n-Butylbenzene
Concen: 2.858 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
91	100		
92	42.0	24.9	74.8
134	0.0	12.0	36.0

Manual Integrations
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#95
Naphthalene
Concen: 2.030 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	12.4	8.9	13.3

