

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066462.D
 Acq On : 1 Apr 2021 17:44
 Operator : JC/MD
 Sample : M1836-04MEDL 20X
 Misc : 12.19g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2-10-12MEDL

Manual Integrations
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SAM
 4/5/2021 6:02:33 PM

Quant Time: Apr 02 04:54:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.585	168	487236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	706501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	614186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	276206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	281395	43.44	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 86.88%			
35) Dibromofluoromethane	7.504	113	238773	50.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.96%			
50) Toluene-d8	10.025	98	894484	50.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.70%			
62) 4-Bromofluorobenzene	12.345	95	289330	46.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.78%			
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	4.945	73	106177	6.41	ug/l #	8
31) Cyclohexane	7.563	56	45392	5.06	ug/l #	86
39) Methylcyclohexane	9.009	83	48896	6.04	ug/l	97
40) Benzene	7.960	78	159571	7.96	ug/l	97
52) Toluene	10.092	92	949347	77.15	ug/l	100
67) Ethyl Benzene	11.452	91	750939	33.78	ug/l	98
68) m/p-Xylenes	11.559	106	1131898	134.03	ug/l	95
69) o-Xylene	11.889	106	373968	45.89	ug/l	97
73) Isopropylbenzene	12.192	105	71881	3.50	ug/l	99
78) n-propylbenzene	12.535	91	266141	11.91	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	383609	22.83	ug/l	100
84) 1,2,4-Trimethylbenzene	12.983	105	1239425	75.91	ug/l	99
85) sec-Butylbenzene	13.117	105	20953m	1.12	ug/l	
89) n-Butylbenzene	13.557	91	29391	2.12	ug/l #	66
95) Naphthalene	15.263	128	161174	11.23	ug/l	99

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

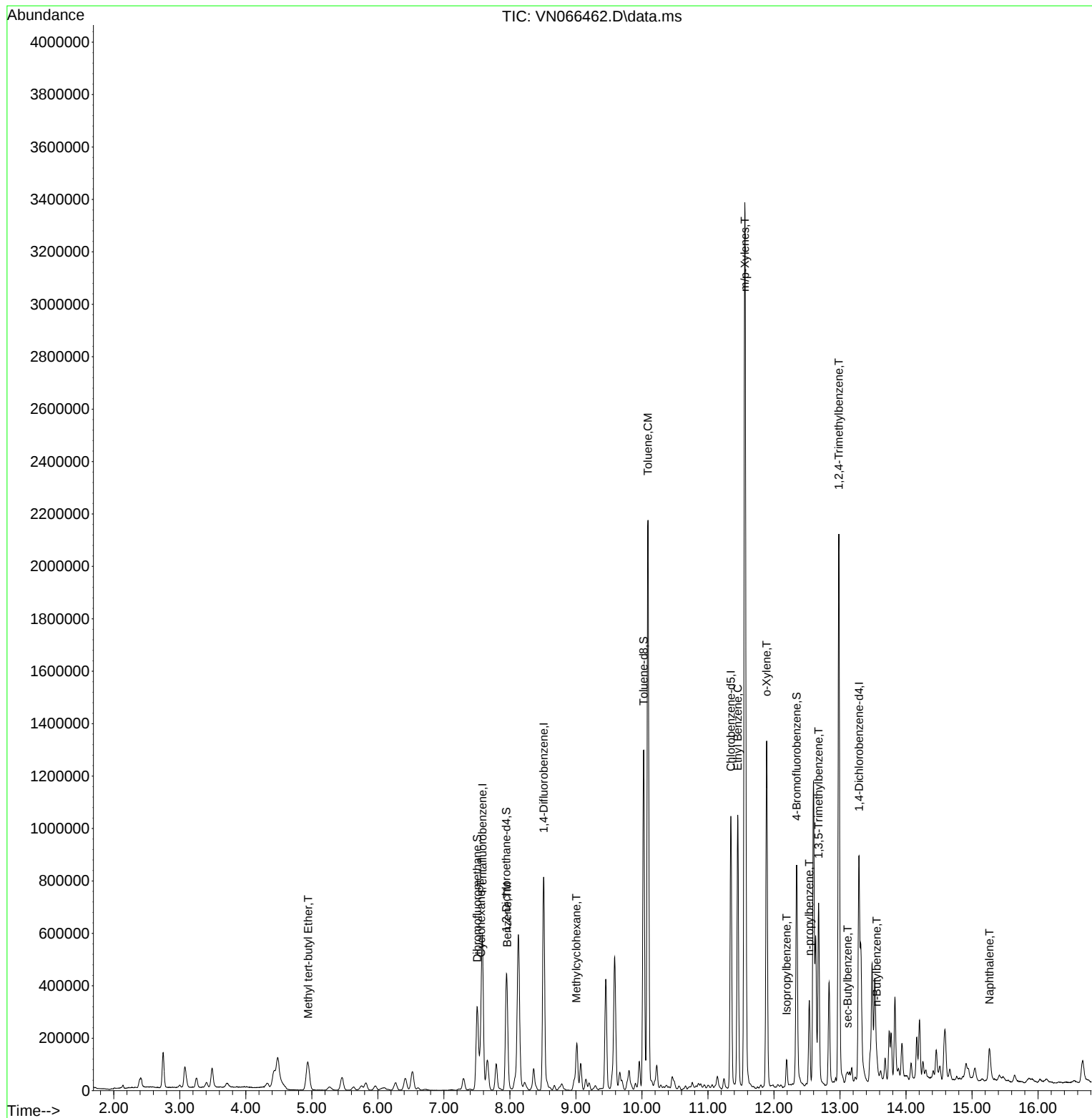
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Data File : VN066462.D
Acq On : 1 Apr 2021 17:44
Operator : JC/MD
Sample : M1836-04MEDL 20X
Misc : 12.19g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

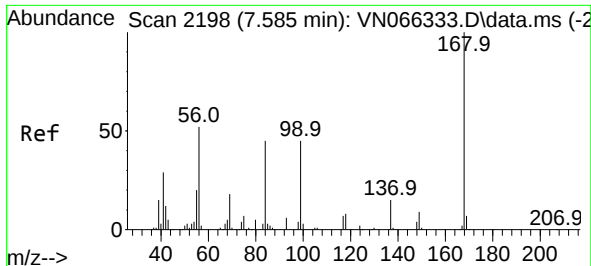
Instrument :
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B2-10-12MEDL

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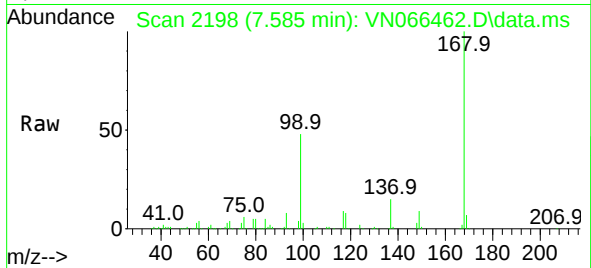
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Quant Time: Apr 02 04:54:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 01 14:08:22 2021
Response via : Initial Calibration

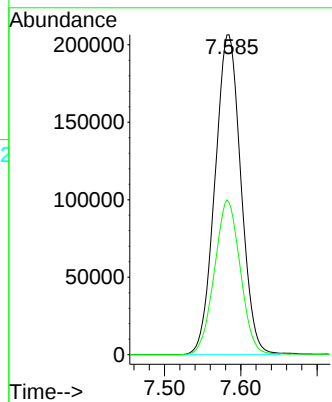
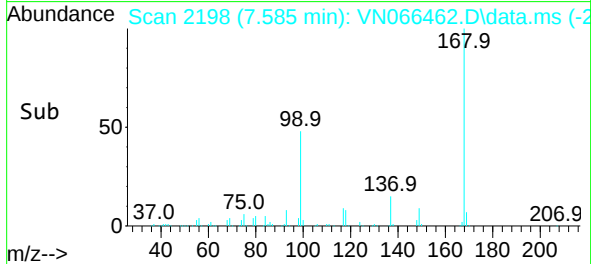




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. 0.006 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44



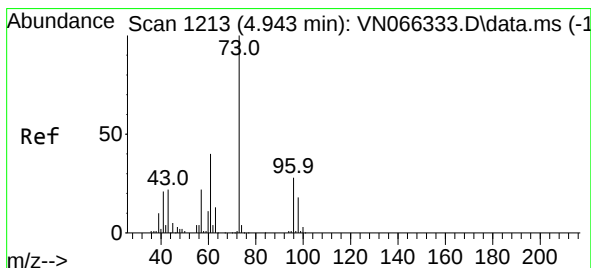
Tgt Ion: 168 Resp: 487236
Ion Ratio Lower Upper
168 100
99 47.6 41.1 61.7



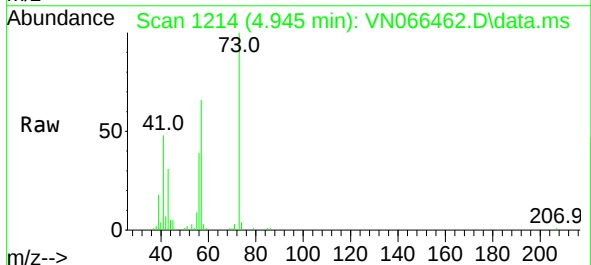
Instrument :
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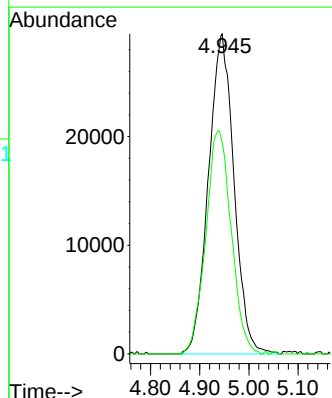
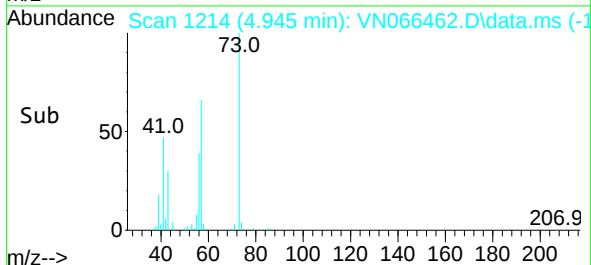
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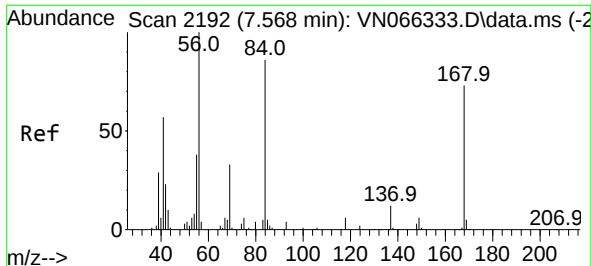


#19
Methyl tert-butyl Ether
Concen: 6.41 ug/l
RT: 4.945 min Scan# 1214
Delta R.T. 0.008 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44



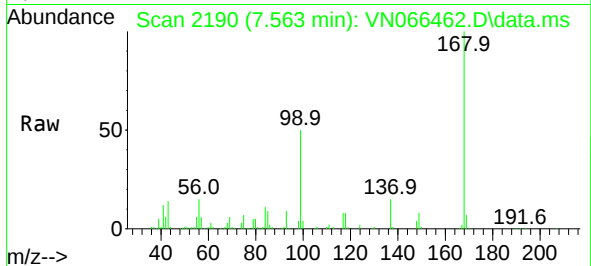
Tgt Ion: 73 Resp: 106177
Ion Ratio Lower Upper
73 100
57 66.0 17.6 26.4#





#31
Cyclohexane
Concen: 5.06 ug/l
RT: 7.563 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

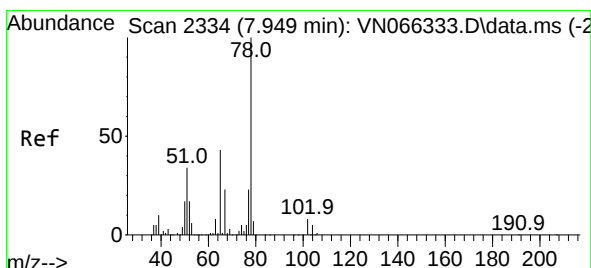
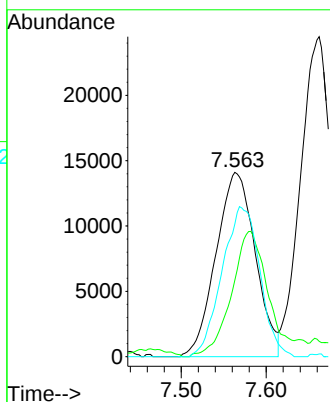
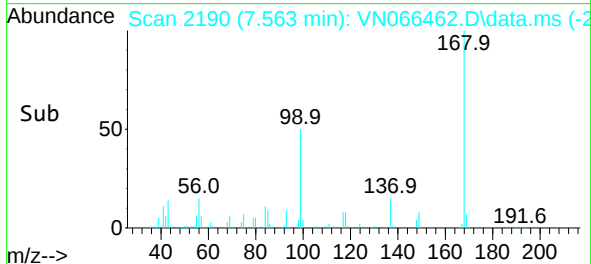
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ClientSampleId :
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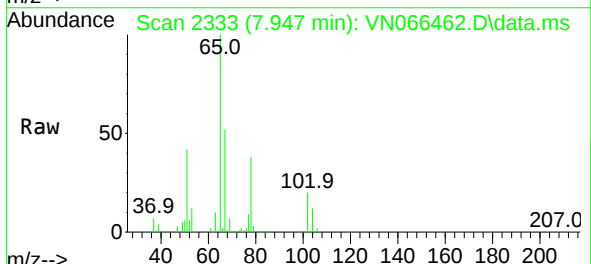
Tgt Ion: 56 Resp: 45392
Ion Ratio Lower Upper
56 100
69 40.2 26.6 40.0#
84 72.0 68.7 103.1

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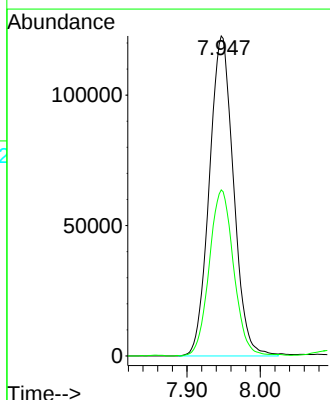
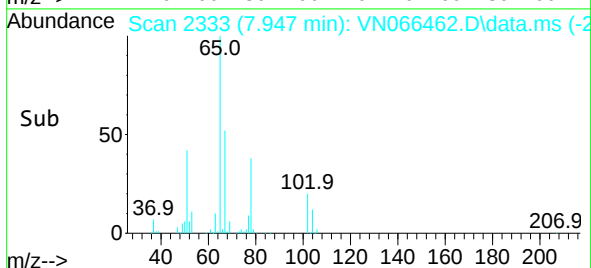
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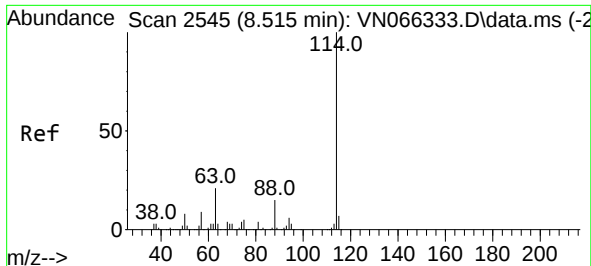


#33
1,2-Dichloroethane-d4
Concen: 43.44 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. 0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44



Tgt Ion: 65 Resp: 281395
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2





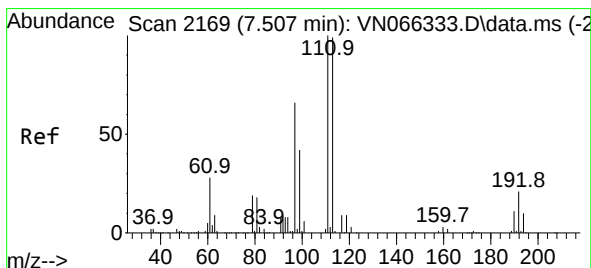
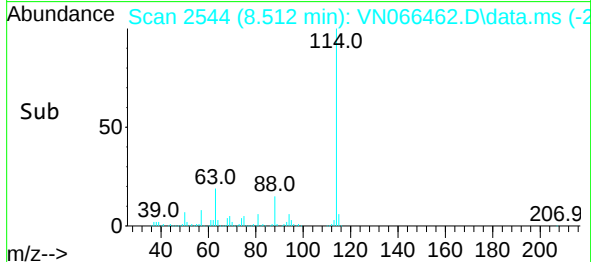
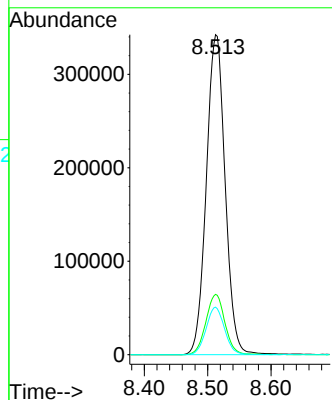
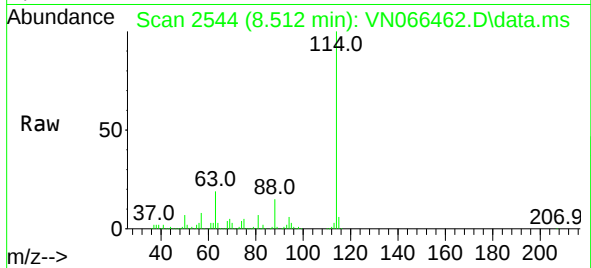
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. 0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

Tgt Ion:114 Resp: 706501
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.0
88 14.9 0.0 31.0

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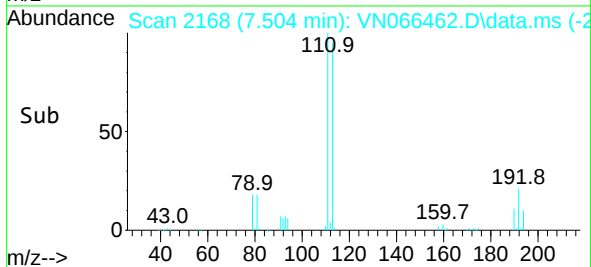
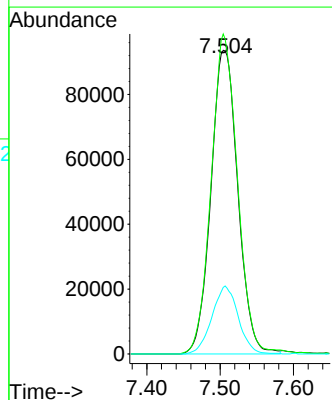
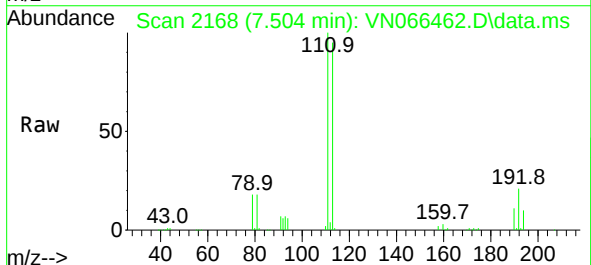
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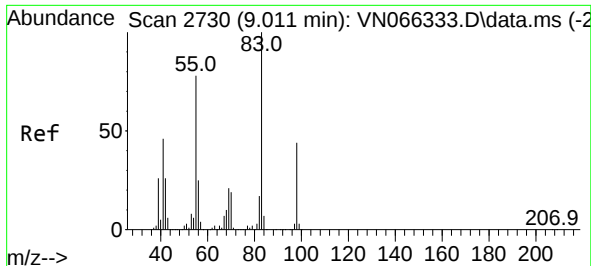
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#35
Dibromofluoromethane
Concen: 50.98 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.003 min
Lab File: VN066462.D
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Tgt Ion:113 Resp: 238773
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.9 17.1 25.7





#39

Methylcyclohexane

Concen: 6.04 ug/l

RT: 9.009 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VN066462.D

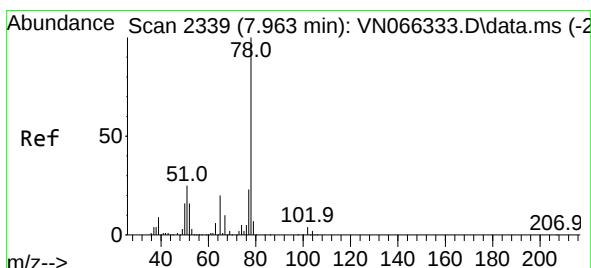
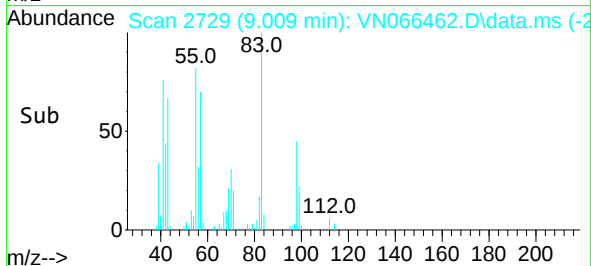
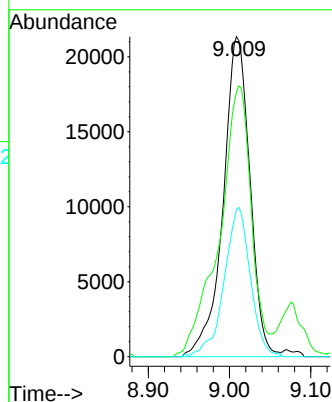
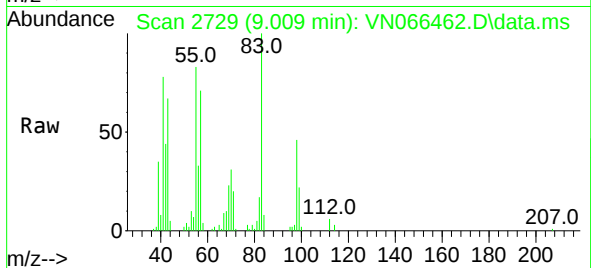
Acq: 1 Apr 2021 17:44

Tgt Ion:	83	Resp:	48896
Ion	Ratio	Lower	Upper
83	100		
55	81.4	62.3	93.5
98	45.9	35.6	53.4

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#40

Benzene

Concen: 7.96 ug/l

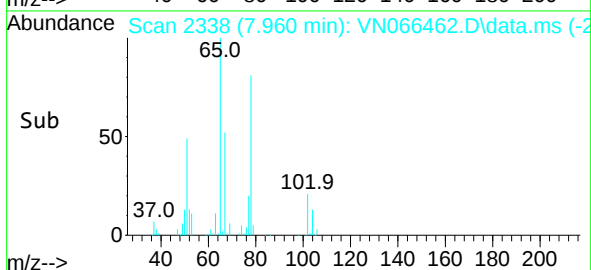
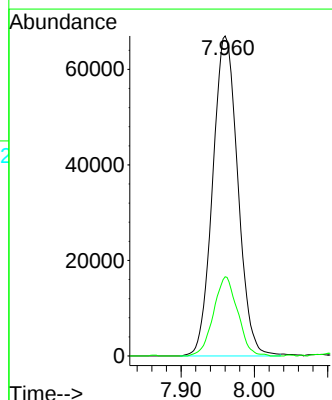
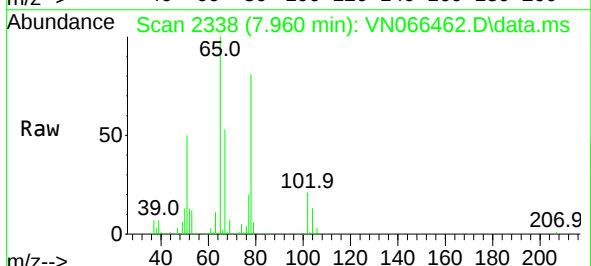
RT: 7.960 min Scan# 2338

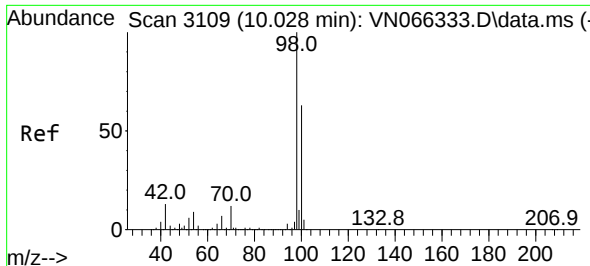
Delta R.T. 0.003 min

Lab File: VN066462.D

Acq: 1 Apr 2021 17:44

Tgt Ion:	78	Resp:	159571
Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.7	28.1





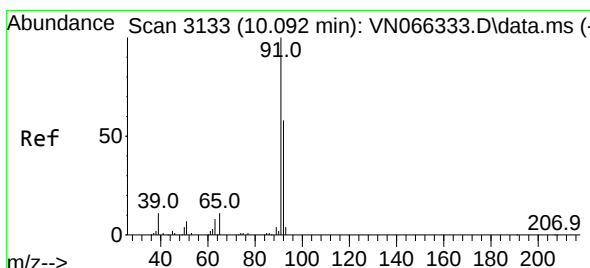
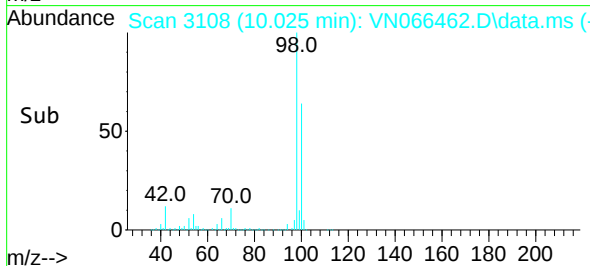
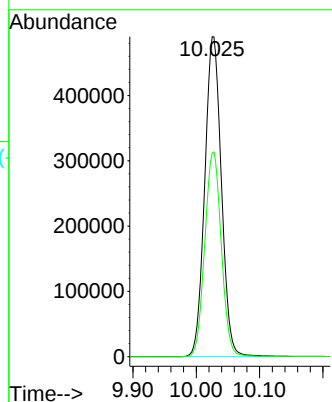
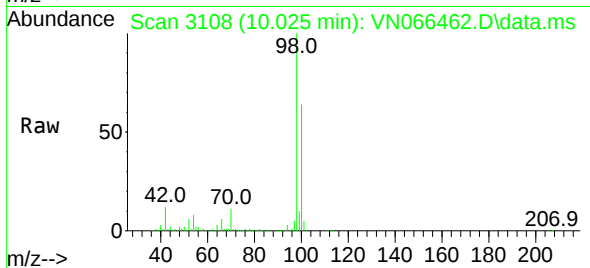
#50
Toluene-d8
Concen: 50.35 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

Tgt Ion: 98 Resp: 894484
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7

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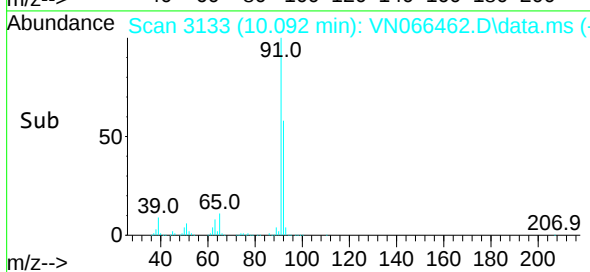
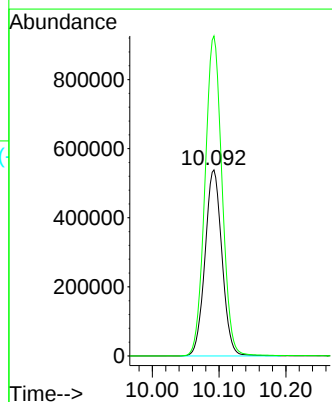
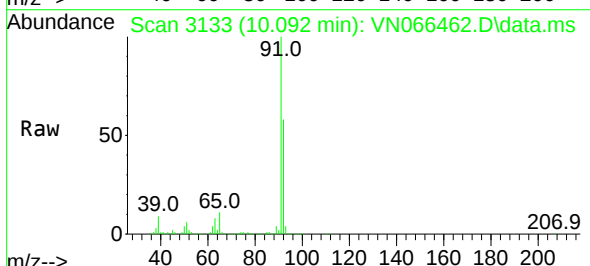
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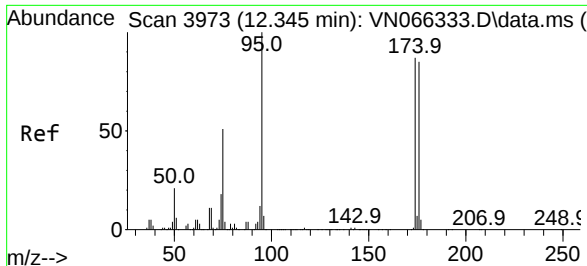
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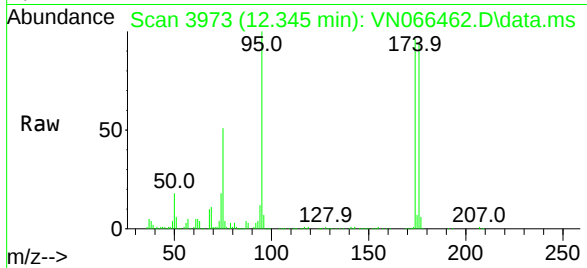
#52
Toluene
Concen: 77.15 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

Tgt Ion: 92 Resp: 949347
Ion Ratio Lower Upper
92 100
91 173.2 138.8 208.2

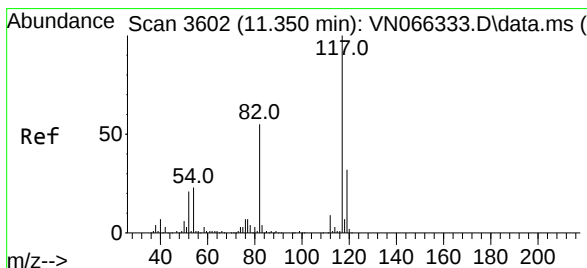
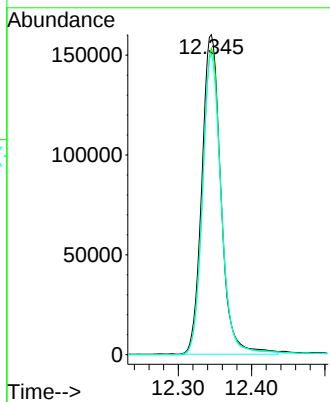
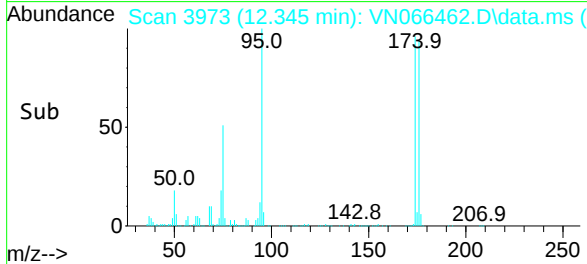




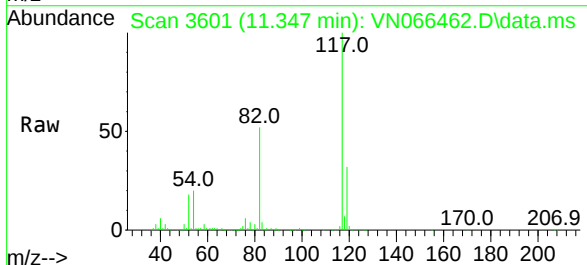
#62
4-Bromofluorobenzene
Concen: 46.89 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44



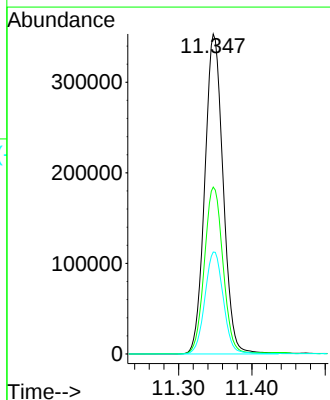
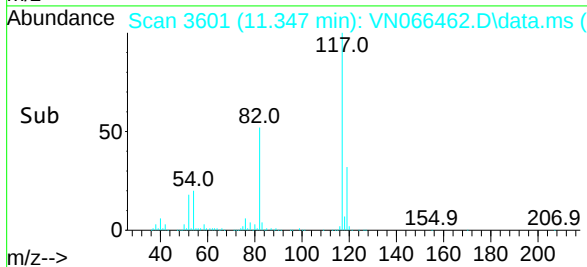
Tgt Ion: 95 Resp: 289330
Ion Ratio Lower Upper
95 100
174 94.9 0.0 172.2
176 91.9 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44



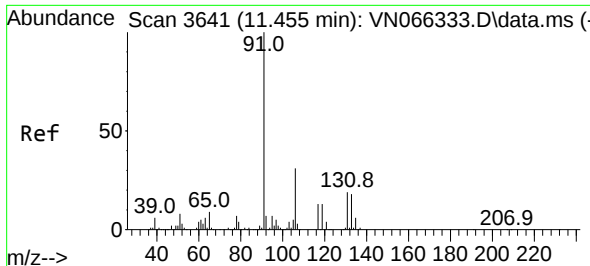
Tgt Ion: 117 Resp: 614186
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.4
119 31.9 25.8 38.6



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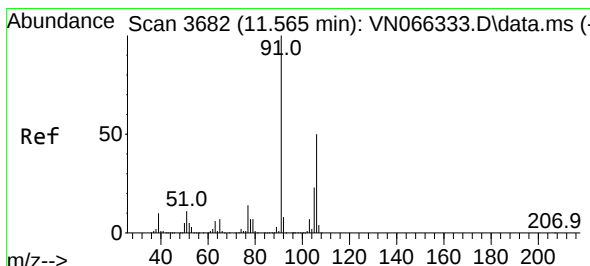
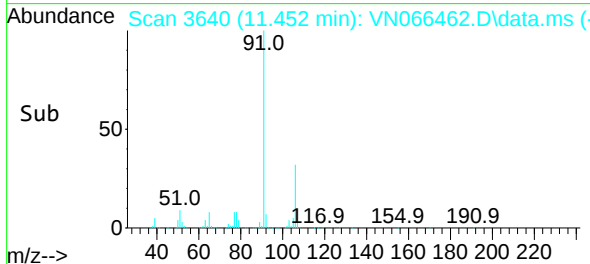
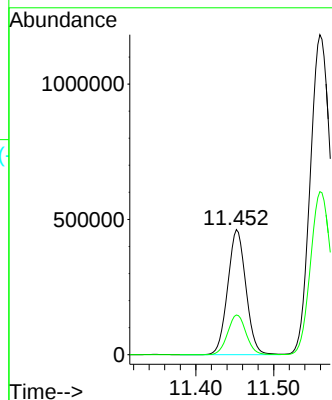
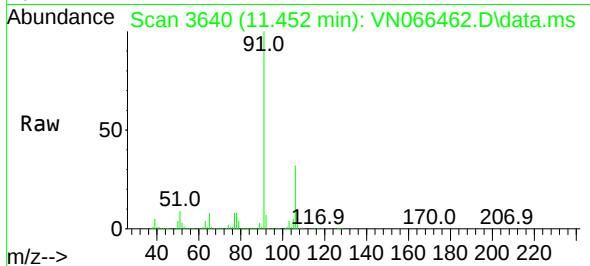
#67
Ethyl Benzene
Concen: 33.78 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

Tgt Ion: 91 Resp: 750939
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1

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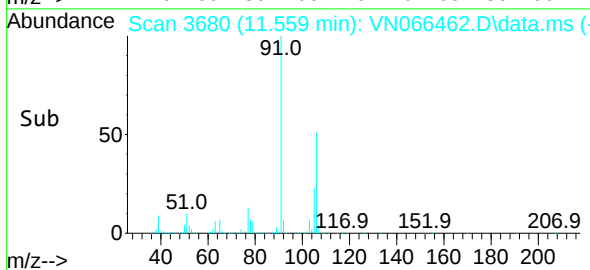
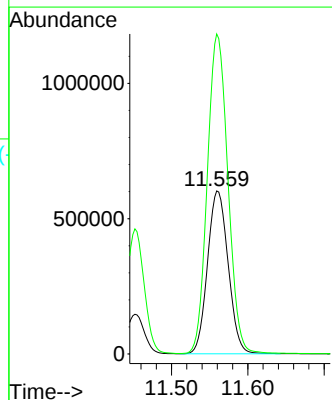
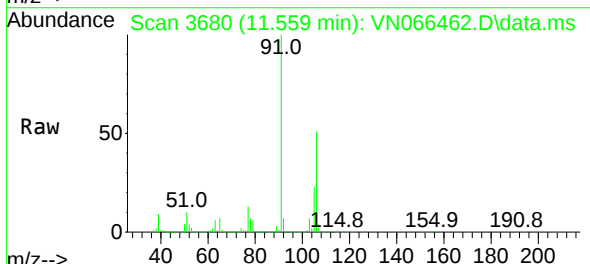
Manual Integrations
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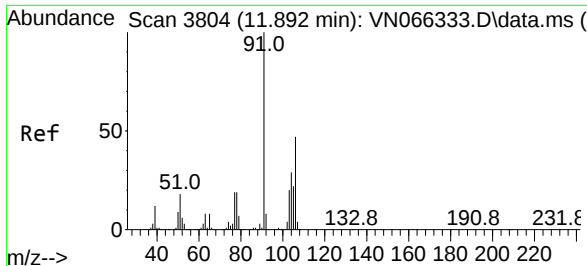
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#68
m/p-Xylenes
Concen: 134.03 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

Tgt Ion:106 Resp: 1131898
Ion Ratio Lower Upper
106 100
91 195.5 162.7 244.1





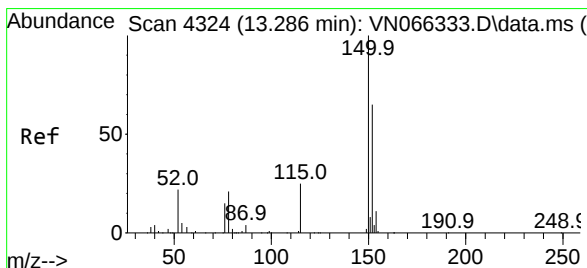
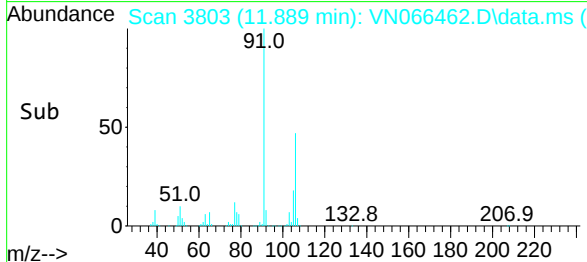
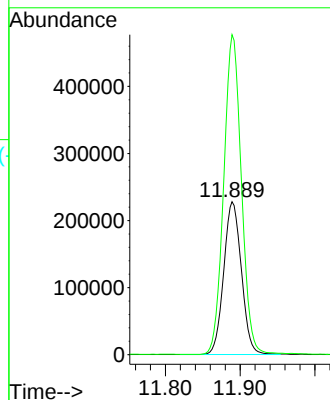
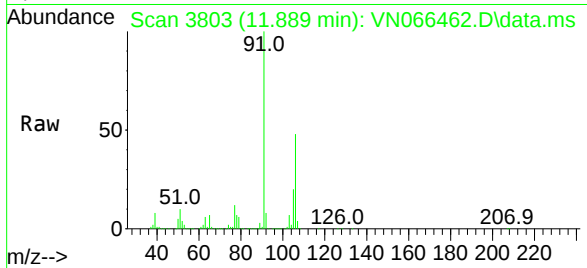
#69
o-Xylene
Concen: 45.89 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

Tgt Ion:106 Resp: 373968
Ion Ratio Lower Upper
106 100
91 209.5 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
B2-10-12MEDL

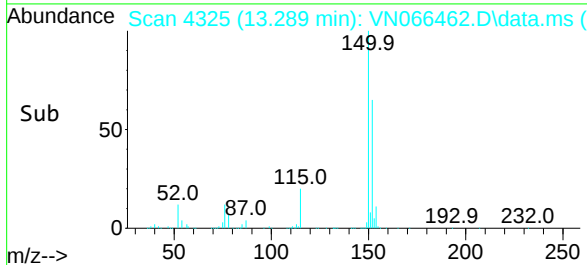
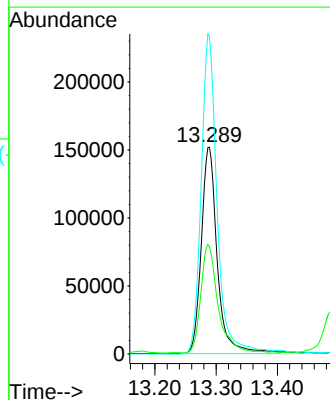
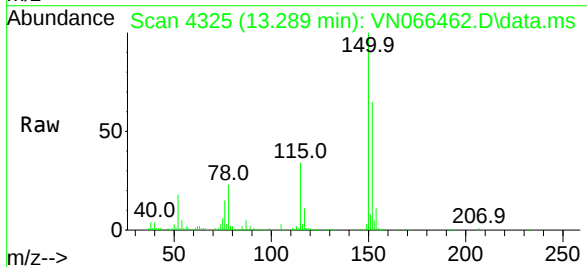
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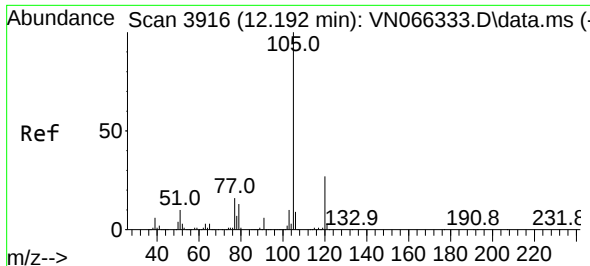
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.005 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

Tgt Ion:152 Resp: 276206
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 152.3 0.0 348.4





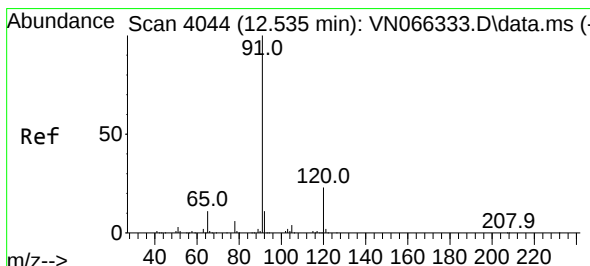
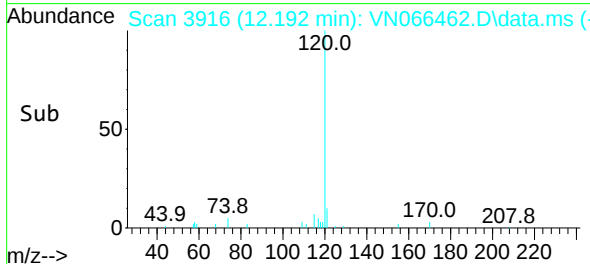
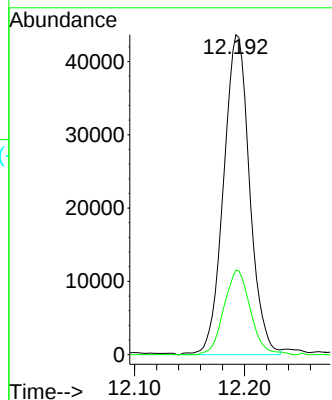
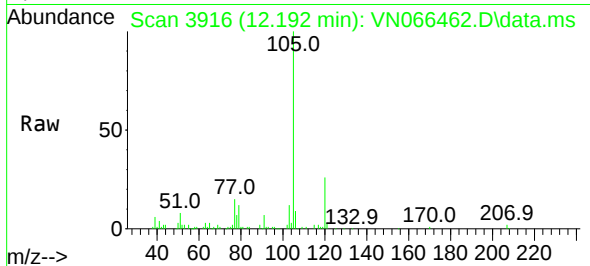
#73
Isopropylbenzene
Concen: 3.50 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

Tgt Ion: 105 Resp: 71881
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.8

Instrument :
MSVOA_N
ClientSampleId :
B2-10-12MEDL

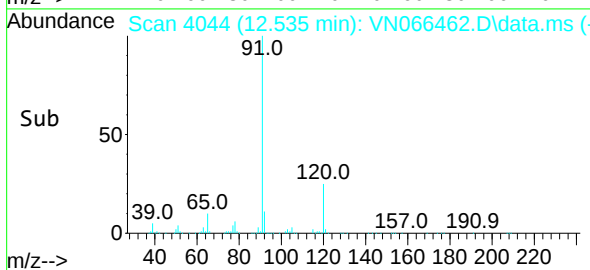
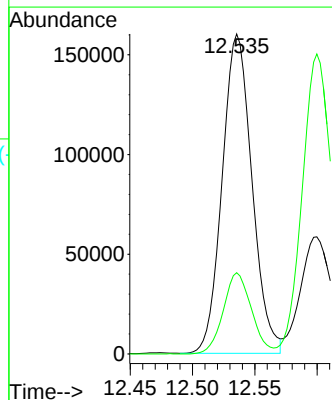
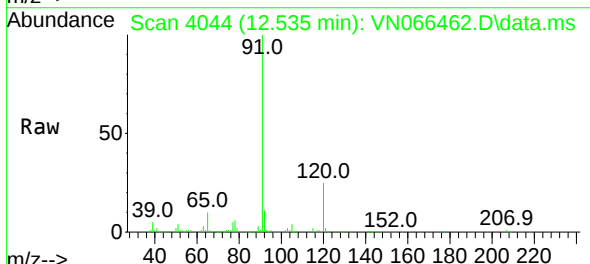
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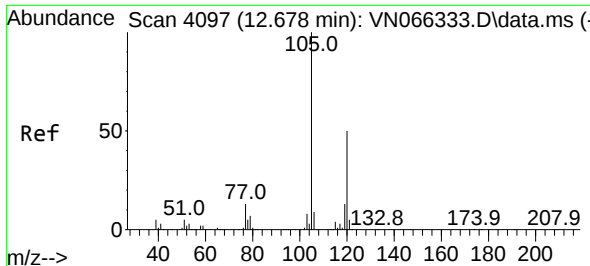
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#78
n-propylbenzene
Concen: 11.91 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

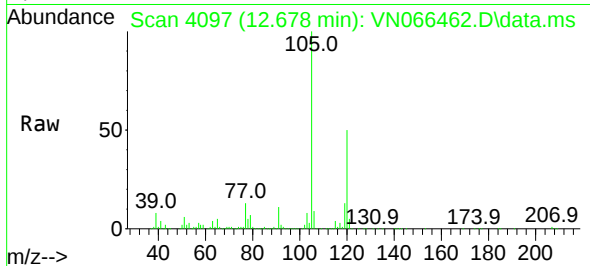
Tgt Ion: 91 Resp: 266141
Ion Ratio Lower Upper
91 100
120 24.1 11.7 35.1





#80
1,3,5-Trimethylbenzene
Concen: 22.83 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44

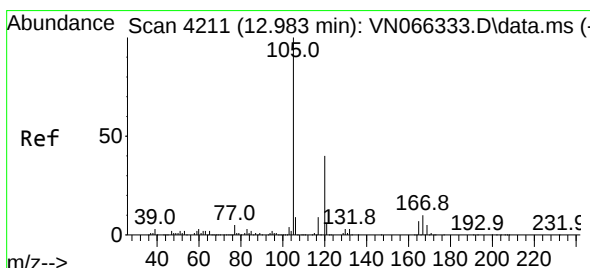
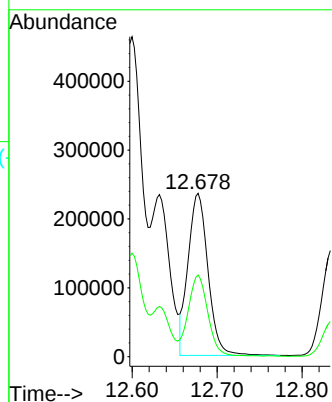
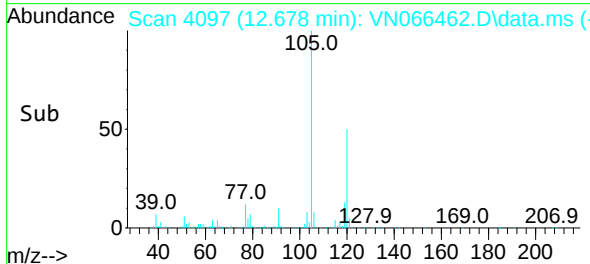
Instrument :
MSVOA_N
ClientSampleId :
B2-10-12MEDL



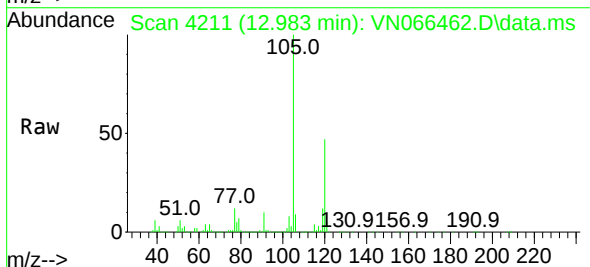
Tgt Ion:105 Resp: 383609
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5

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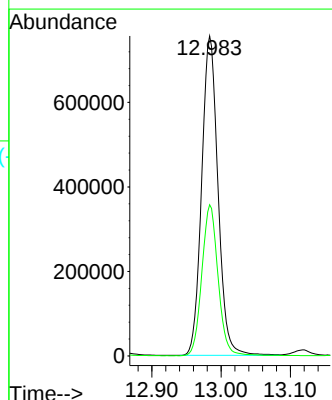
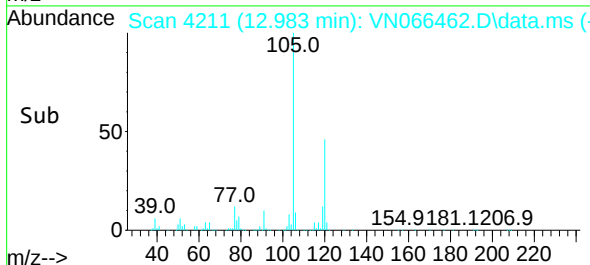
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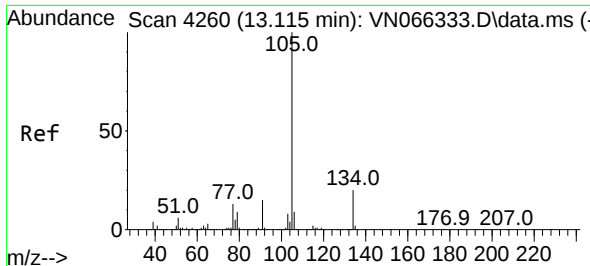


#84
1,2,4-Trimethylbenzene
Concen: 75.91 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44



Tgt Ion:105 Resp: 1239425
Ion Ratio Lower Upper
105 100
120 46.8 23.1 69.2





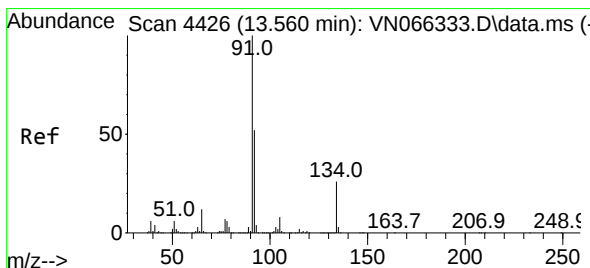
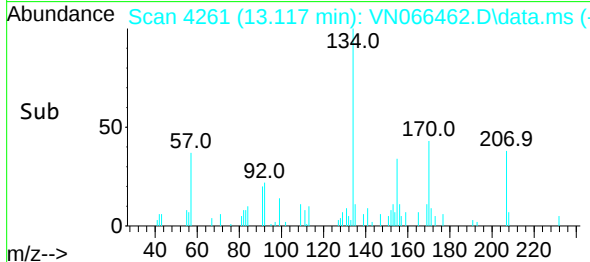
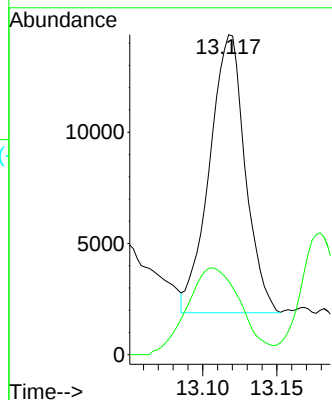
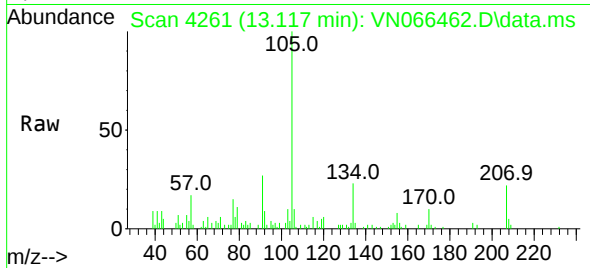
#85
 sec-Butylbenzene
 Concen: 1.12 ug/l m
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.003 min
 Lab File: VN066462.D
 Acq: 1 Apr 2021 17:44

Tgt Ion: 105 Resp: 20953
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#

Instrument :
 MSVOA_N
 ClientSampled :
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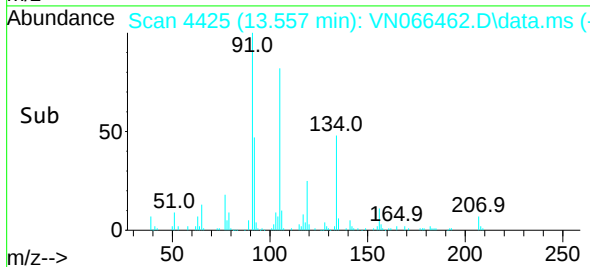
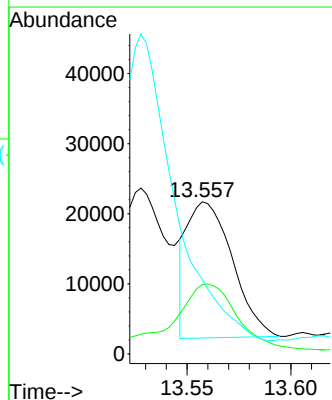
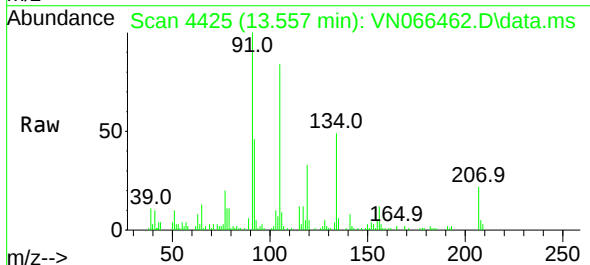
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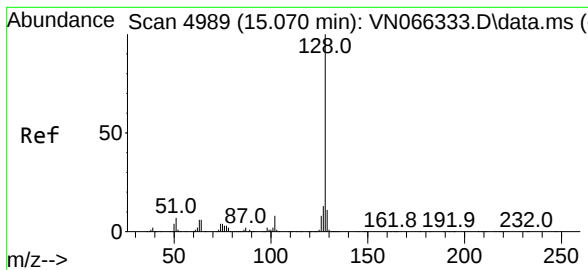
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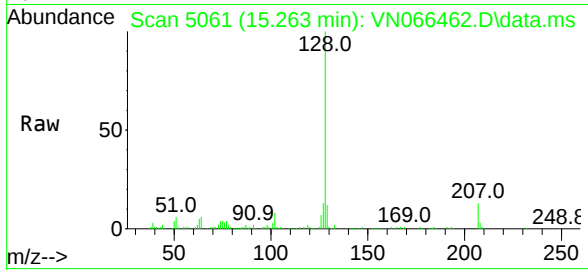
#89
 n-Butylbenzene
 Concen: 2.12 ug/l
 RT: 13.557 min Scan# 4425
 Delta R.T. -0.000 min
 Lab File: VN066462.D
 Acq: 1 Apr 2021 17:44

Tgt Ion: 91 Resp: 29391
 Ion Ratio Lower Upper
 91 100
 92 70.8 26.1 78.3
 134 0.0 12.8 38.4#

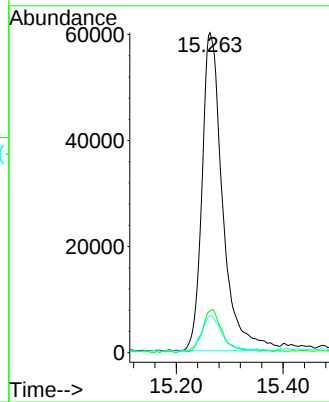
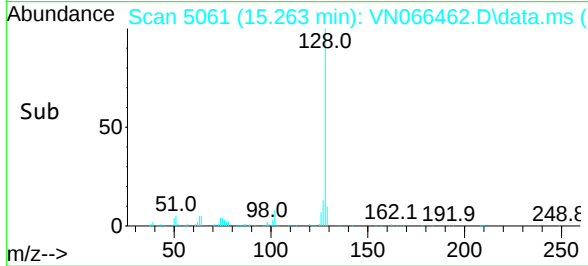




#95
Naphthalene
Concen: 11.23 ug/l
RT: 15.263 min Scan# 5061
Delta R.T. 0.003 min
Lab File: VN066462.D
Acq: 1 Apr 2021 17:44



Tgt Ion:128 Resp: 161174
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.2 8.5 12.7



Instrument :
MSVOA_N
ClientSampleId :
B2-10-12MEDL

Manual Integrations
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