

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066460.D
 Acq On : 1 Apr 2021 16:58
 Operator : JC/MD
 Sample : M1836-09ME 20X
 Misc : 9.59g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B4-8-10ME

Manual Integrations
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 4/5/2021 6:02:48 PM

Quant Time: Apr 02 04:53:21 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	7.582	168	485260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	697210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	604359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	273732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	265847	41.21	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.42%		
35) Dibromofluoromethane	7.507	113	224993	48.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.36%		
50) Toluene-d8	10.025	98	853815	48.70	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.40%		
62) 4-Bromofluorobenzene	12.345	95	279296	45.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.74%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.709	59	10117	10.28	ug/l #	85
19) Methyl tert-butyl Ether	4.940	73	698844	42.38	ug/l #	69
31) Cyclohexane	7.563	56	79460	8.90	ug/l	89
39) Methylcyclohexane	9.011	83	96705	12.11	ug/l #	85
40) Benzene	7.960	78	113259	5.73	ug/l	100
52) Toluene	10.092	92	569518	46.90	ug/l	99
67) Ethyl Benzene	11.452	91	926642	42.37	ug/l	98
68) m/p-Xylenes	11.559	106	1393676	167.71	ug/l	95
69) o-Xylene	11.889	106	483067	60.25	ug/l	97
73) Isopropylbenzene	12.192	105	106971	5.25	ug/l	100
78) n-propylbenzene	12.535	91	384450	17.37	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	535341	32.15	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	1753025	108.34	ug/l	99
85) sec-Butylbenzene	13.117	105	31545m	1.70	ug/l	
89) n-Butylbenzene	13.560	91	63439m	4.62	ug/l	
95) Naphthalene	15.263	128	221125	15.15	ug/l	98

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

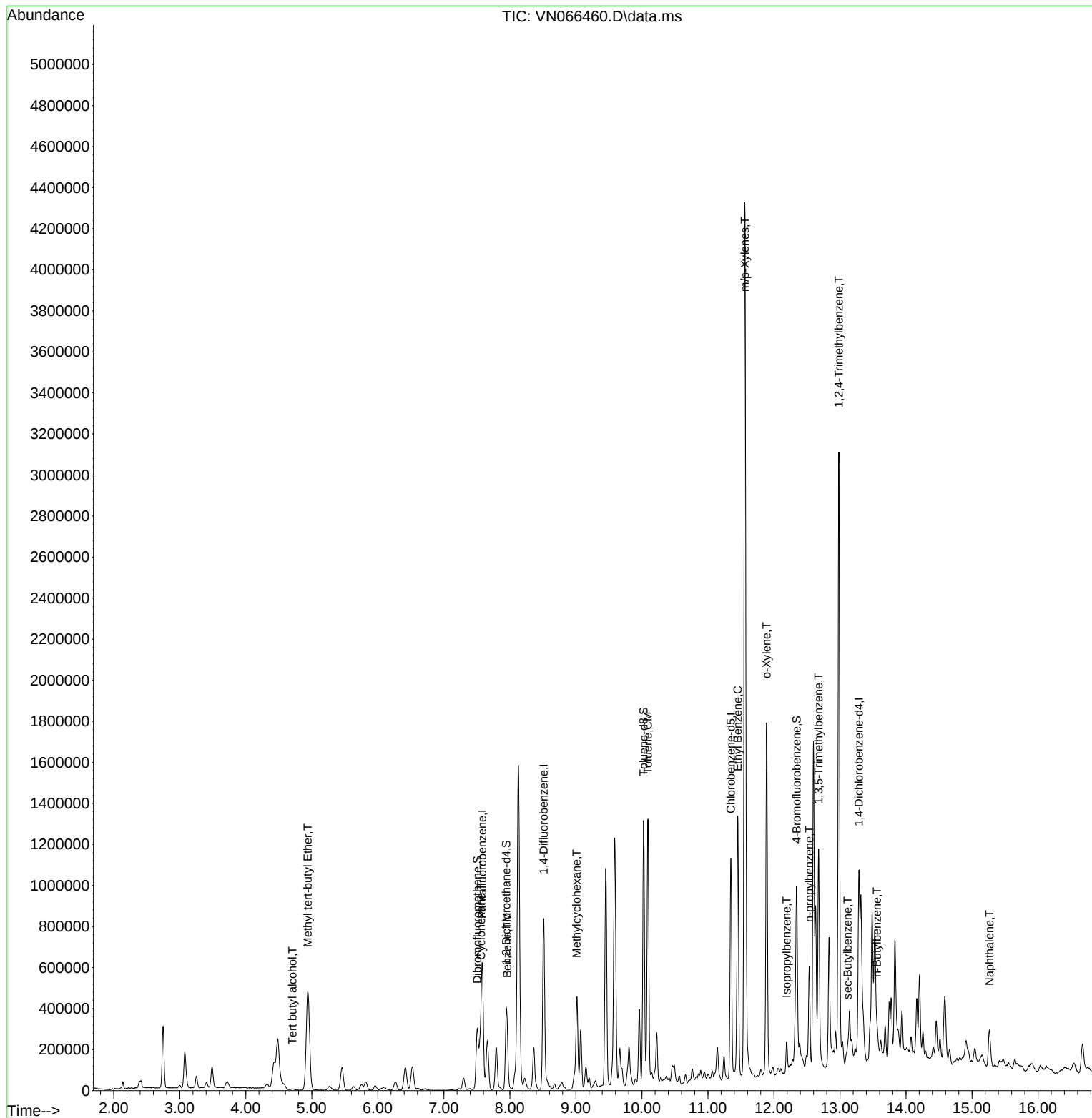
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
Data File : VN066460.D
Acq On : 1 Apr 2021 16:58
Operator : JC/MD
Sample : M1836-09ME 20X
Misc : 9.59g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

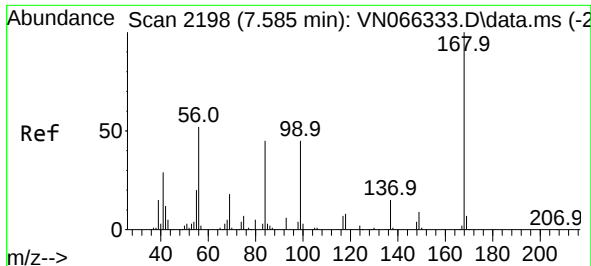
Instrument :
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ClientSampleId :
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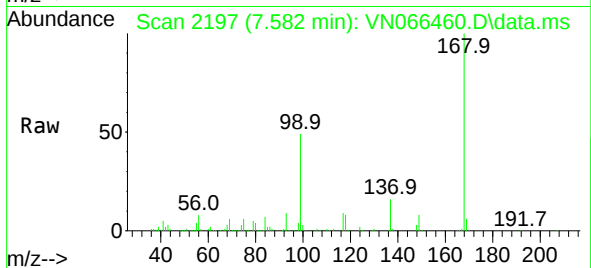
Quant Time: Apr 02 04:53:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 01 14:08:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

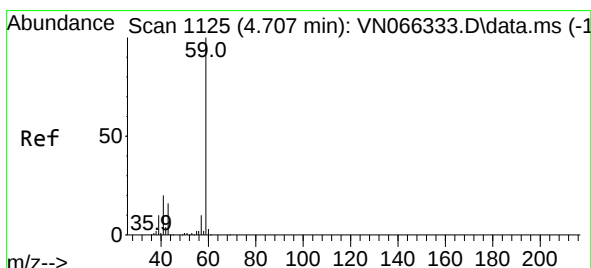
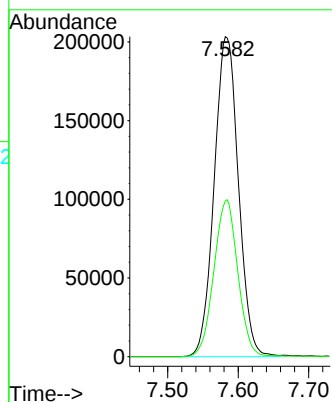
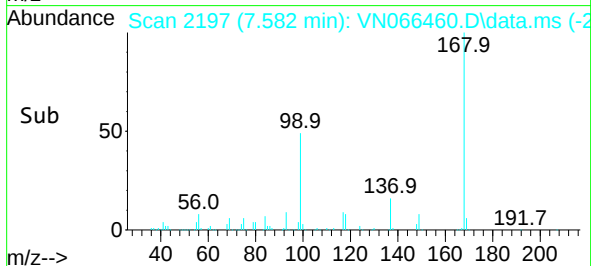
Instrument :
MSVOA_N
ClientSampled :
B4-8-10ME



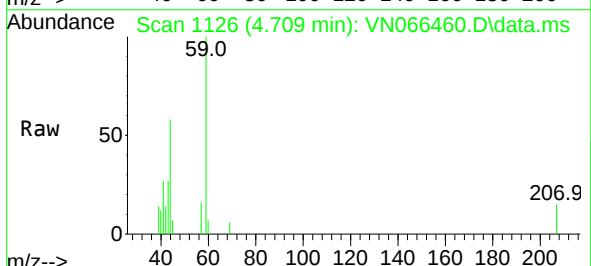
Tgt Ion:168 Resp: 485260
Ion Ratio Lower Upper
168 100
99 48.6 41.1 61.7

Manual Integrations
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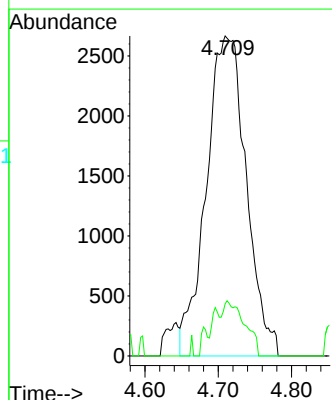
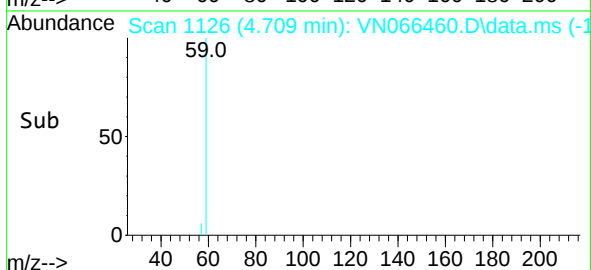
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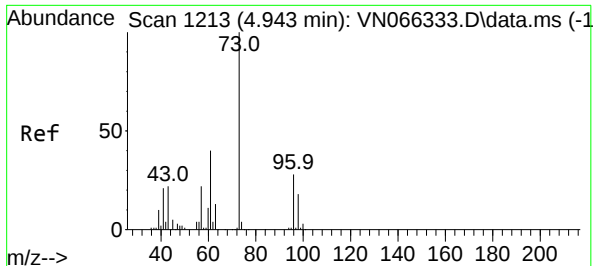


#11
Tert butyl alcohol
Concen: 10.28 ug/l
RT: 4.709 min Scan# 1126
Delta R.T. 0.008 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58



Tgt Ion: 59 Resp: 10117
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#





#19

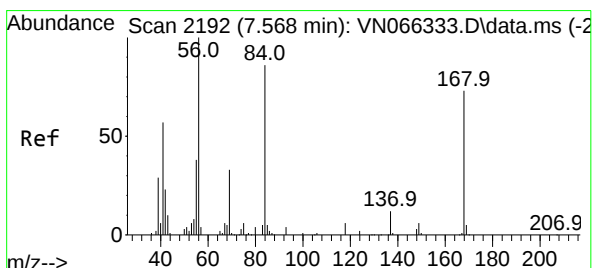
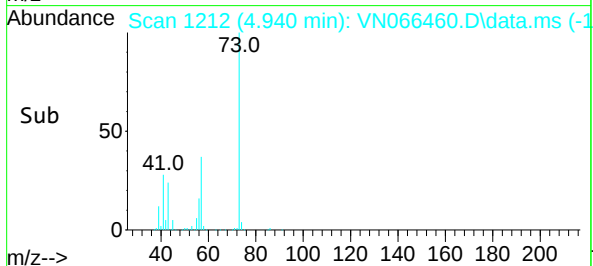
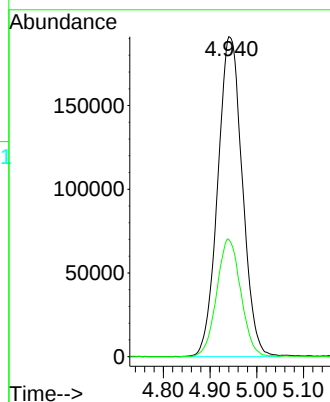
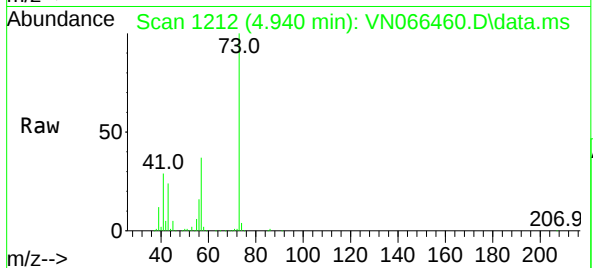
Methyl tert-butyl Ether
Concen: 42.38 ug/l
RT: 4.940 min Scan# 1212
Delta R.T. 0.002 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

Tgt Ion: 73 Resp: 698844
Ion Ratio Lower Upper
73 100
57 36.7 17.6 26.4#

Instrument :
MSVOA_N
ClientSampled :
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Manual Integrations
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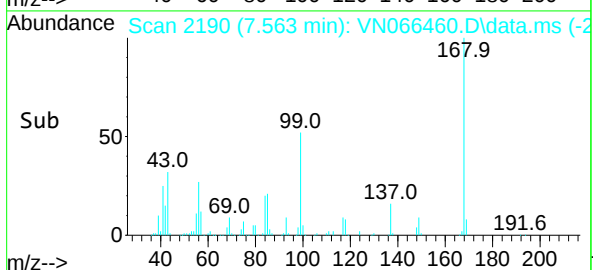
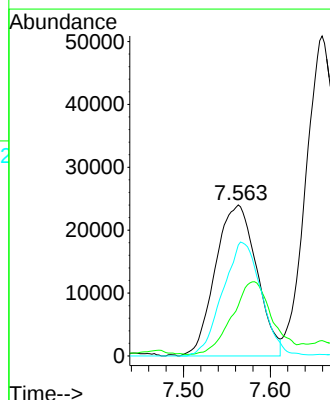
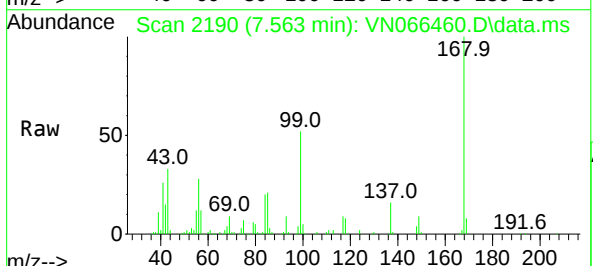
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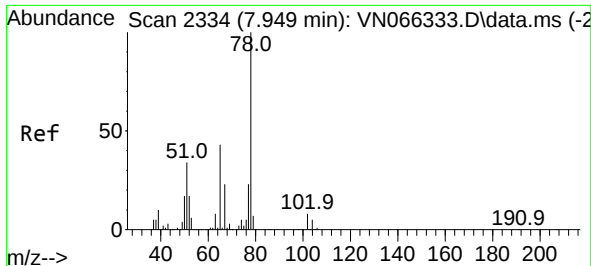


#31

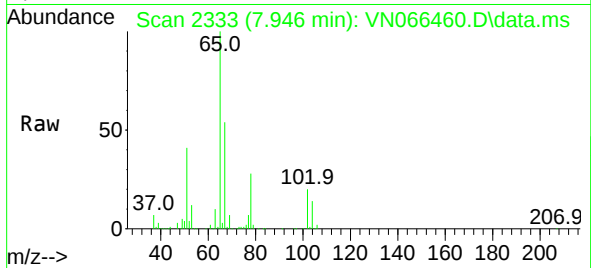
Cyclohexane
Concen: 8.90 ug/l
RT: 7.563 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

Tgt Ion: 56 Resp: 79460
Ion Ratio Lower Upper
56 100
69 31.7 26.6 40.0
84 73.4 68.7 103.1

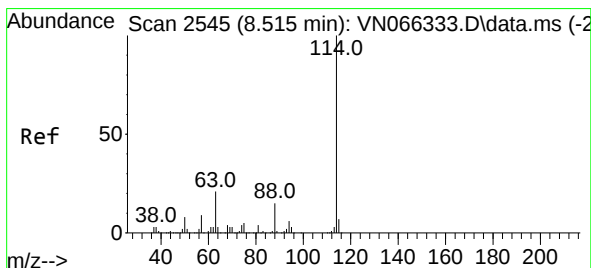
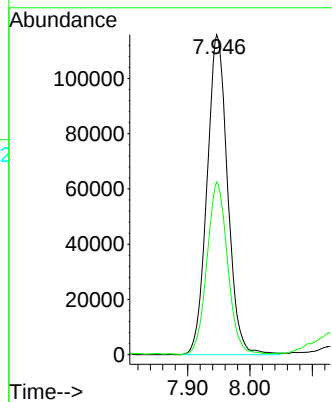
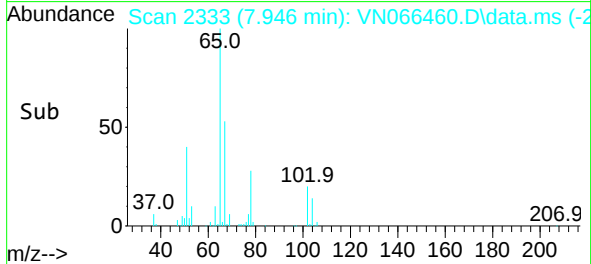




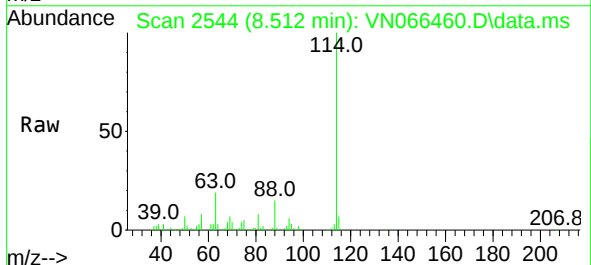
#33
 1,2-Dichloroethane-d4
 Concen: 41.21 ug/l
 RT: 7.946 min Scan# 2333
 Delta R.T. 0.003 min
 Lab File: VN066460.D
 Acq: 1 Apr 2021 16:58



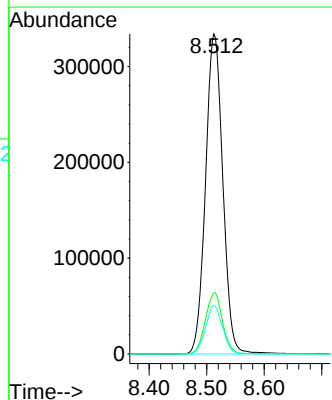
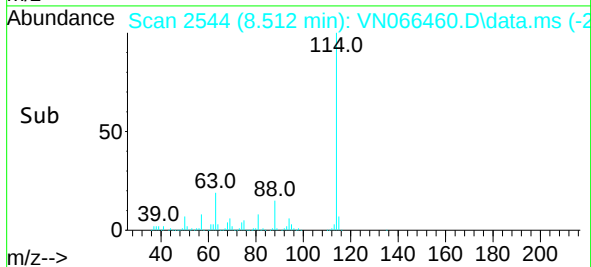
Tgt Ion: 65 Resp: 265847
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.512 min Scan# 2544
 Delta R.T. 0.002 min
 Lab File: VN066460.D
 Acq: 1 Apr 2021 16:58



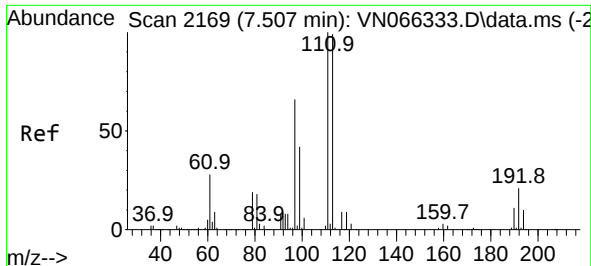
Tgt Ion: 114 Resp: 697210
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.0
 88 15.1 0.0 31.0



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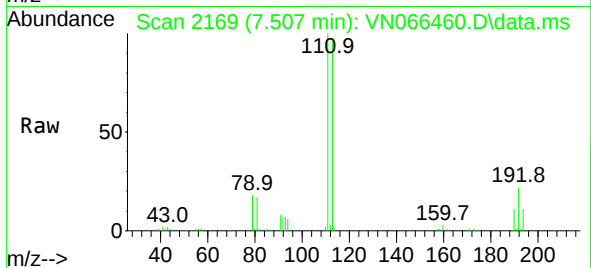
Manual Integrations
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#35
Dibromofluoromethane
Concen: 48.68 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. 0.005 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

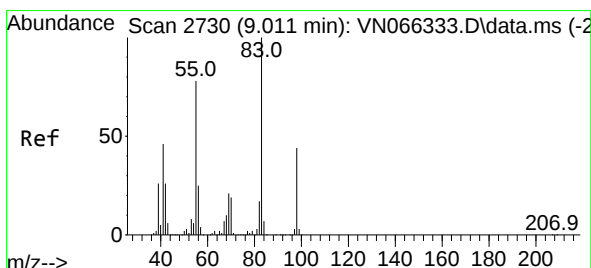
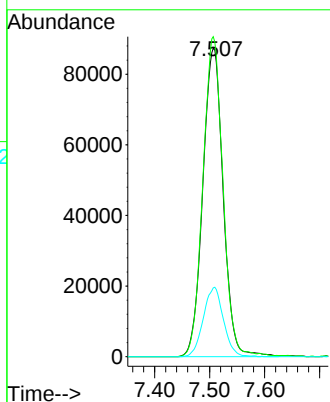
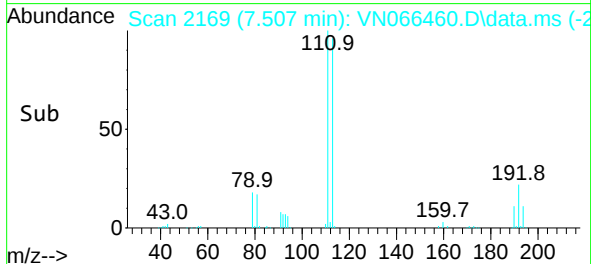
Instrument :
MSVOA_N
ClientSampled :
B4-8-10ME



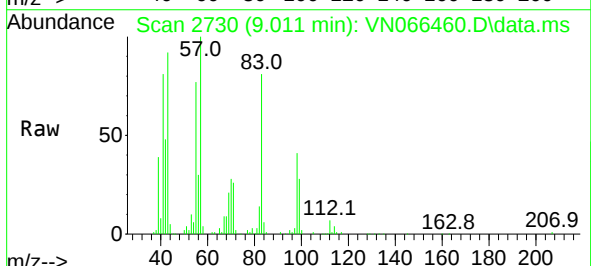
Tgt Ion: 113 Resp: 224993
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 22.2 17.1 25.7

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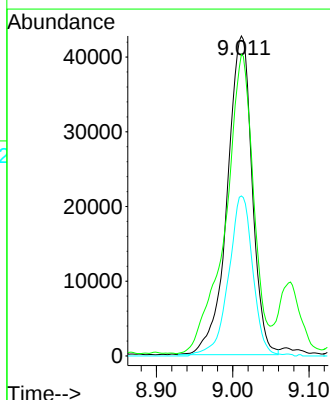
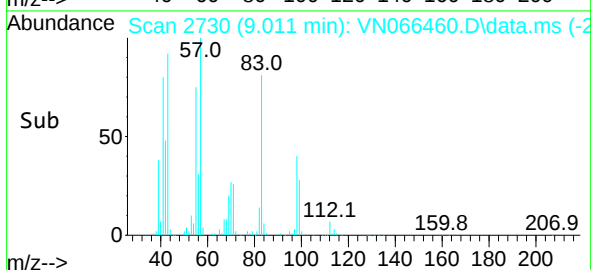
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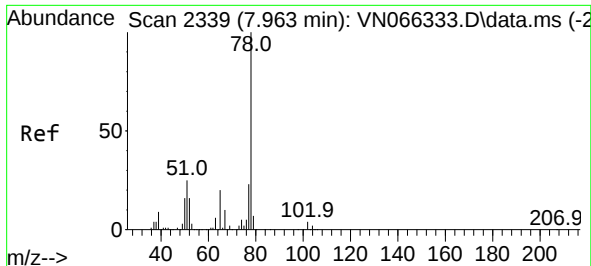


#39
Methylcyclohexane
Concen: 12.11 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. 0.002 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58



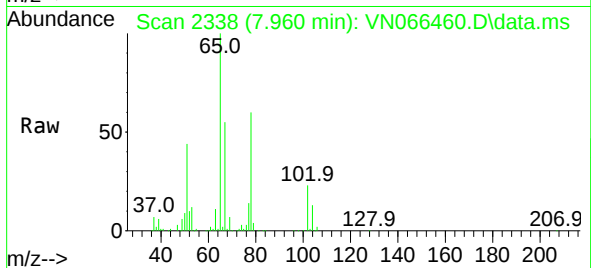
Tgt Ion: 83 Resp: 96705
Ion Ratio Lower Upper
83 100
55 93.8 62.3 93.5#
98 50.2 35.6 53.4





#40
Benzene
Concen: 5.73 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. 0.002 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

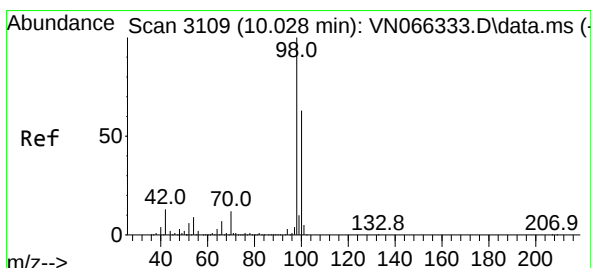
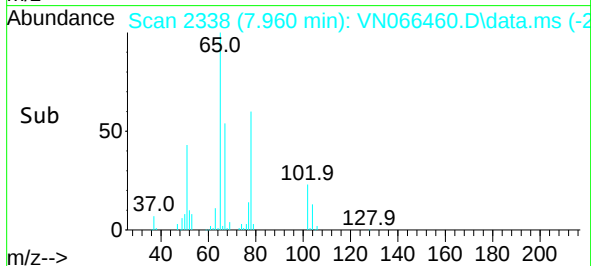
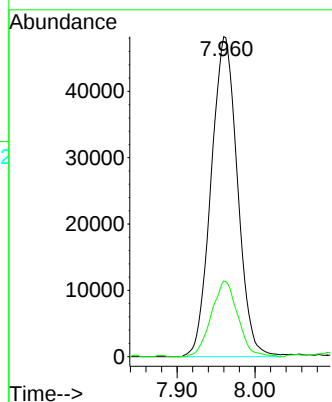
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Tgt Ion: 78 Resp: 113259
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1

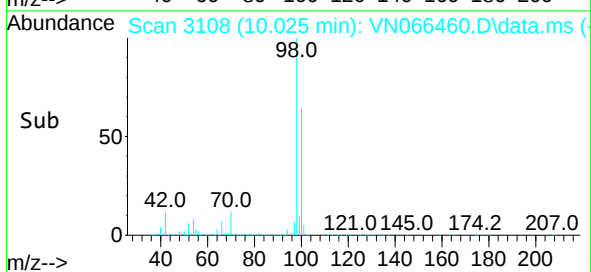
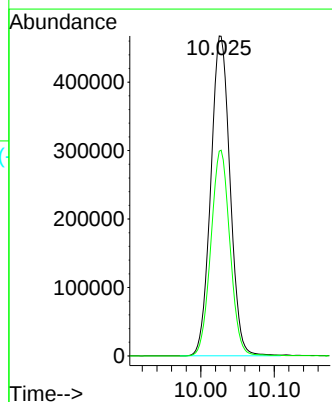
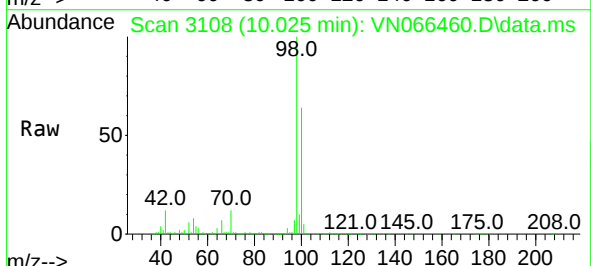
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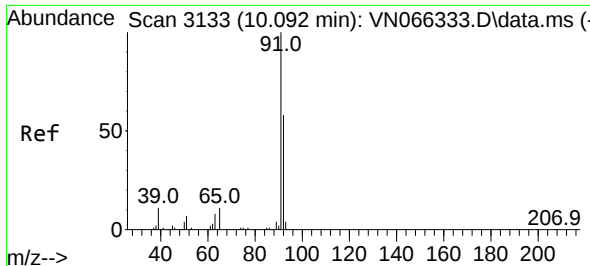
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#50
Toluene-d8
Concen: 48.70 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

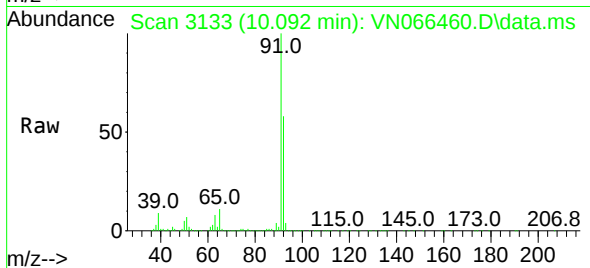
Tgt Ion: 98 Resp: 853815
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7





#52
Toluene
Concen: 46.90 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

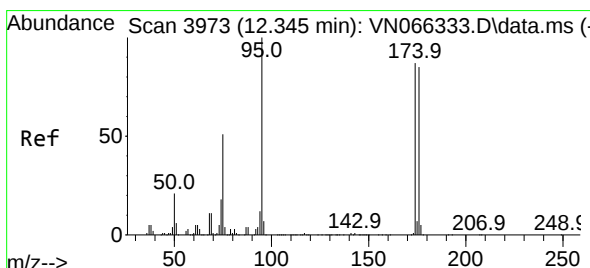
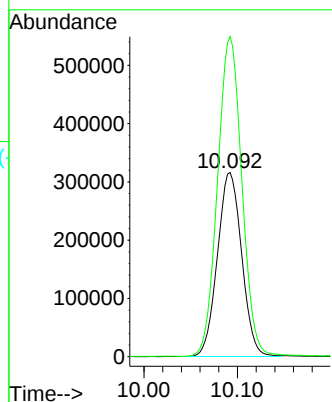
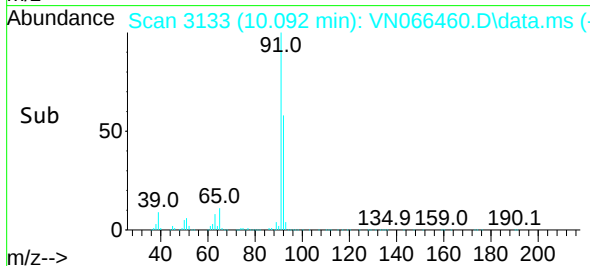
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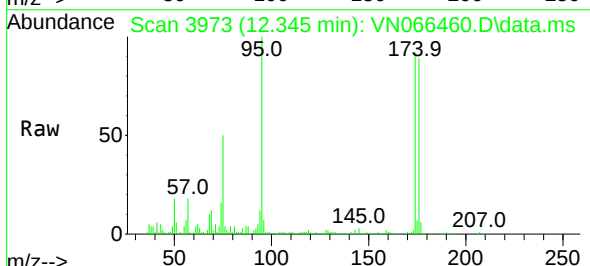
Tgt Ion: 92 Resp: 569518
Ion Ratio Lower Upper
92 100
91 174.7 138.8 208.2

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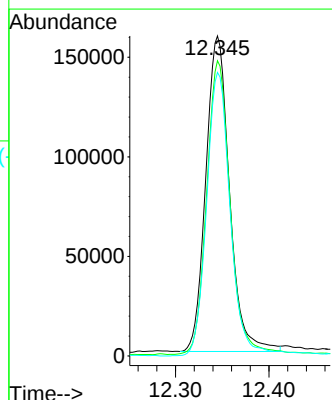
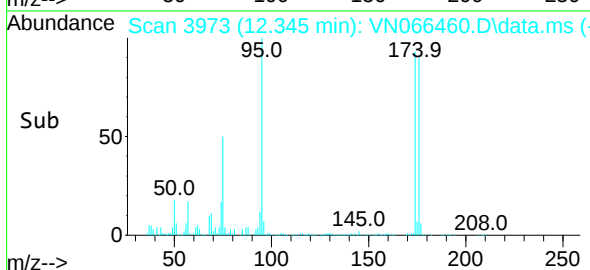
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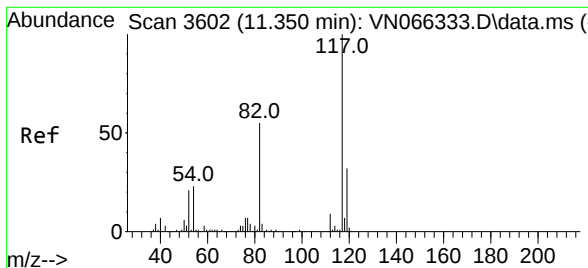


#62
4-Bromofluorobenzene
Concen: 45.87 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58



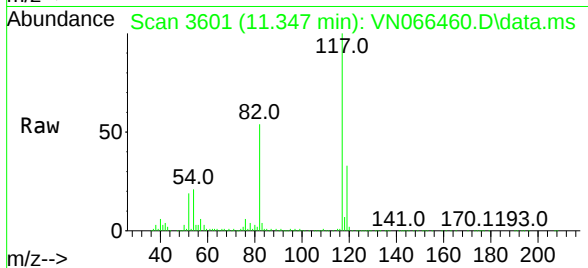
Tgt Ion: 95 Resp: 279296
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.2
176 91.1 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

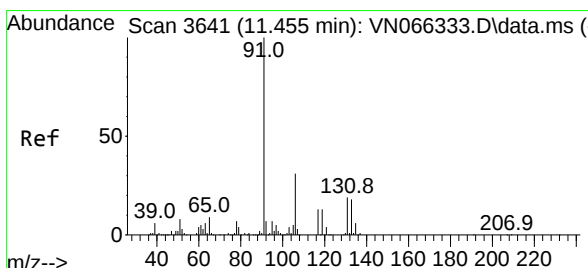
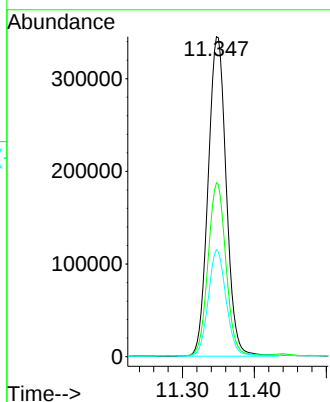
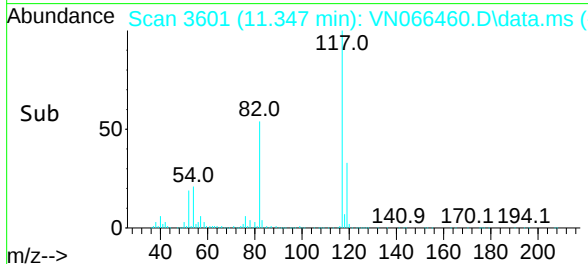
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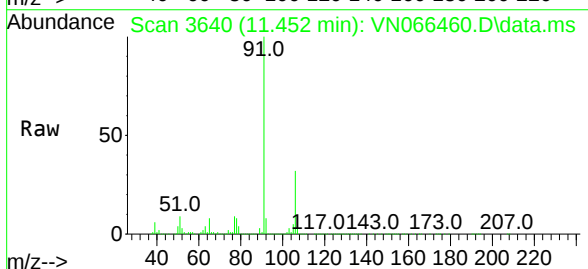
Tgt Ion:117 Resp: 604359
Ion Ratio Lower Upper
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82 54.1 44.2 66.4
119 33.2 25.8 38.6

Manual Integrations
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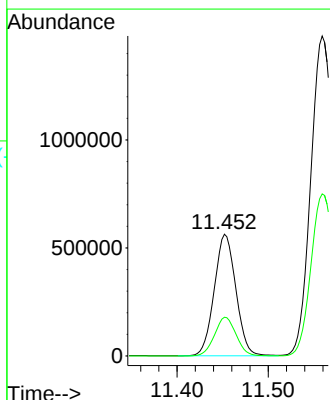
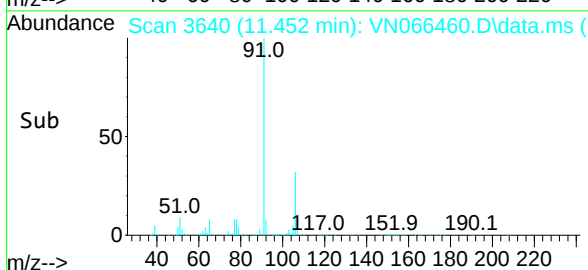
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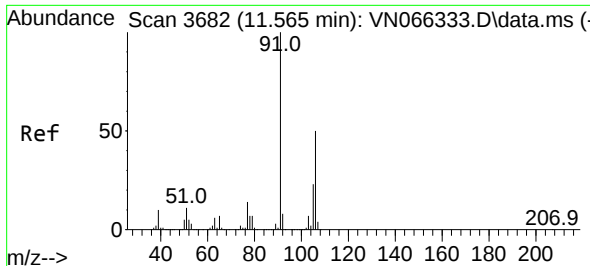


#67
Ethyl Benzene
Concen: 42.37 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58



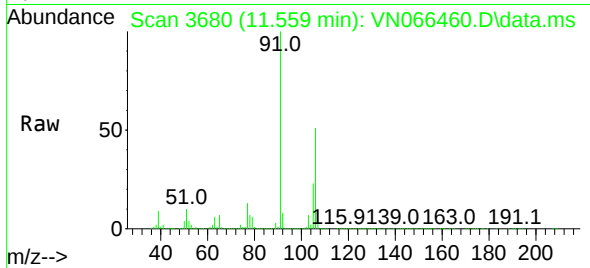
Tgt Ion: 91 Resp: 926642
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1





#68
m/p-Xylenes
Concen: 167.71 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

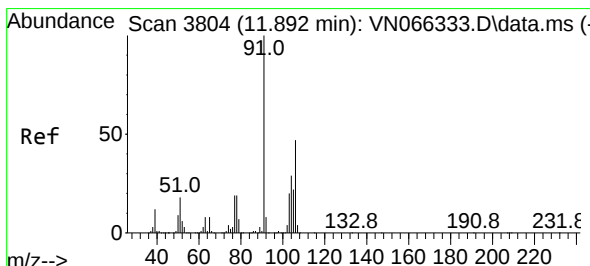
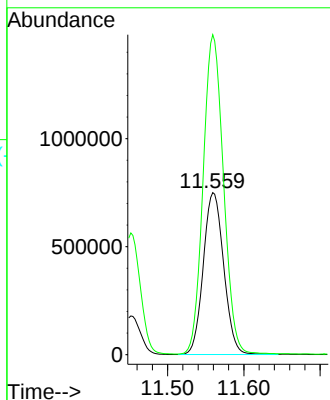
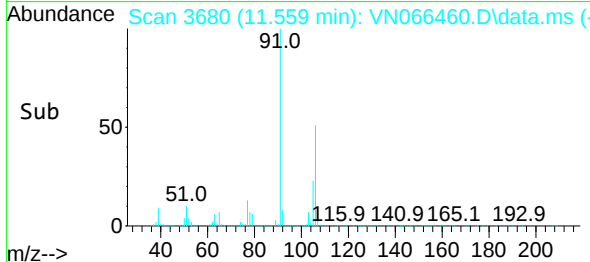
Instrument :
MSVOA_N
ClientSampleId :
B4-8-10ME



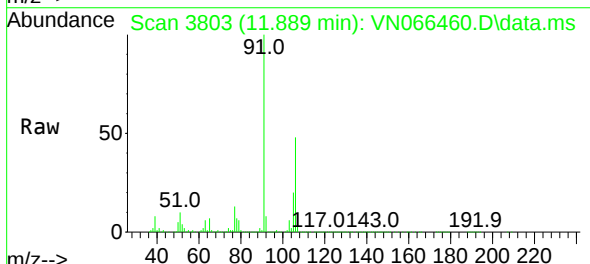
Tgt Ion:106 Resp: 1393676
Ion Ratio Lower Upper
106 100
91 196.3 162.7 244.1

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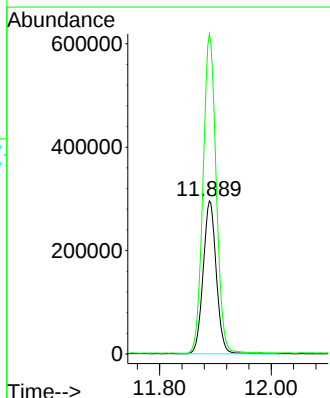
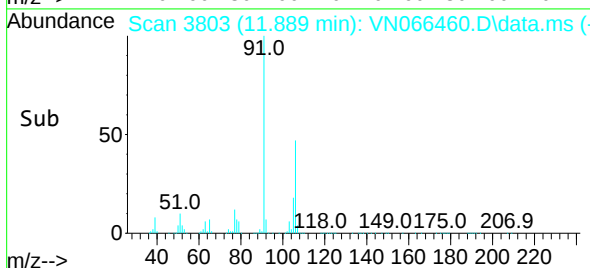
SAM
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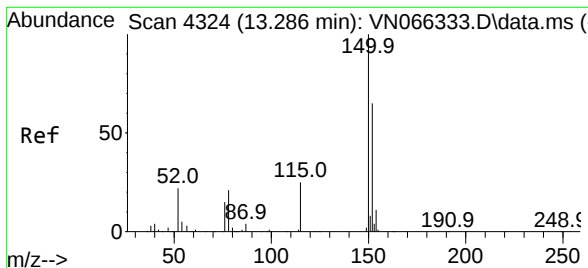


#69
o-Xylene
Concen: 60.25 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58



Tgt Ion:106 Resp: 483067
Ion Ratio Lower Upper
106 100
91 209.3 107.1 321.4





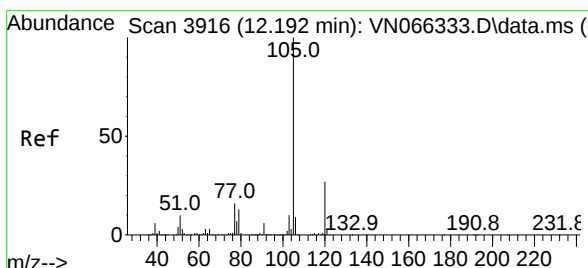
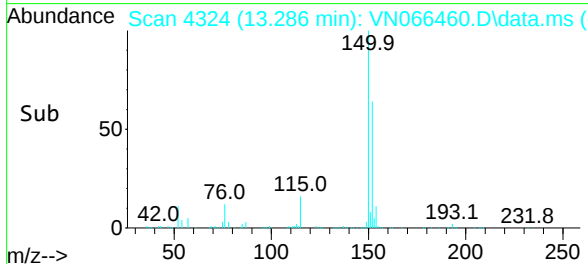
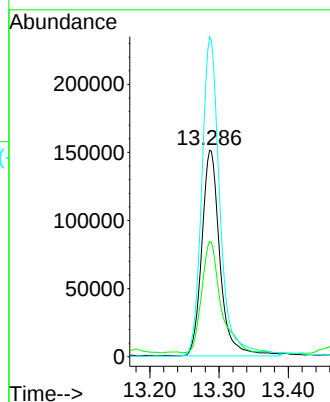
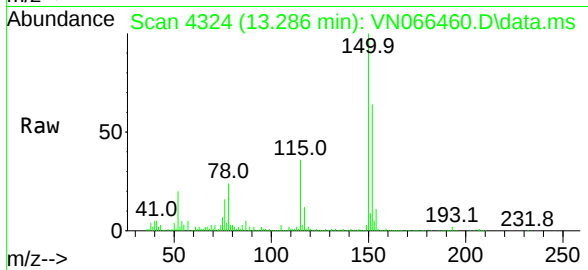
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

Tgt Ion:152 Resp: 273732
Ion Ratio Lower Upper
152 100
115 57.0 27.8 83.4
150 157.5 0.0 348.4

Instrument :
MSVOA_N
ClientSampleId :
B4-8-10ME

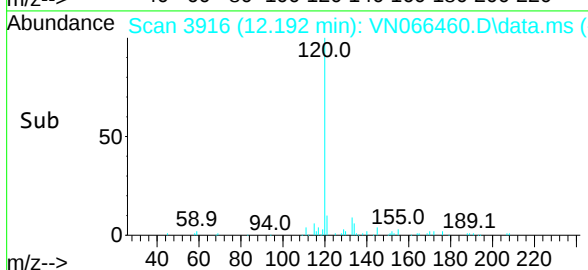
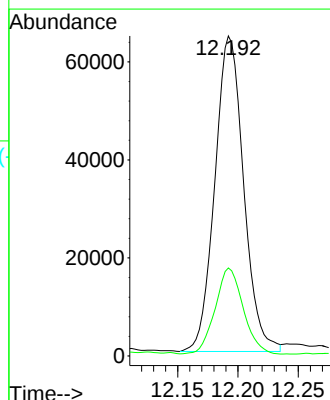
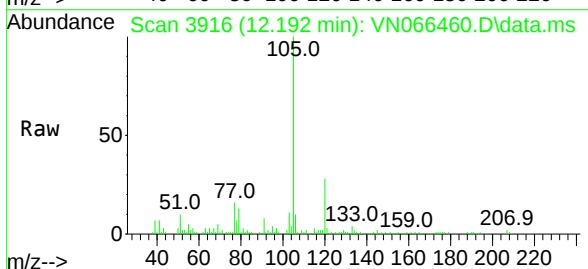
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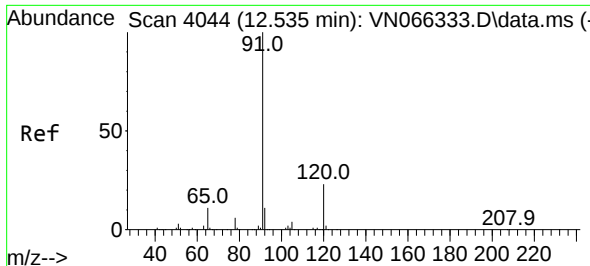
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#73
Isopropylbenzene
Concen: 5.25 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

Tgt Ion:105 Resp: 106971
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8





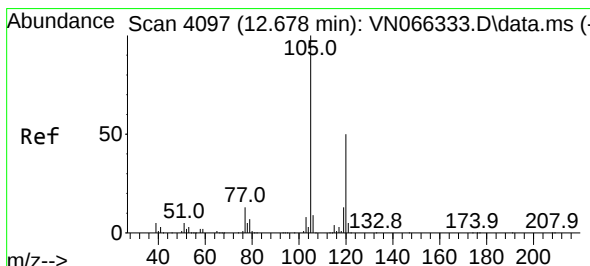
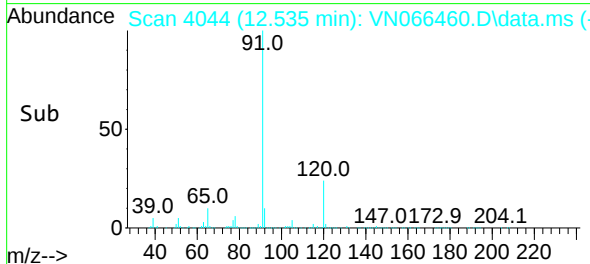
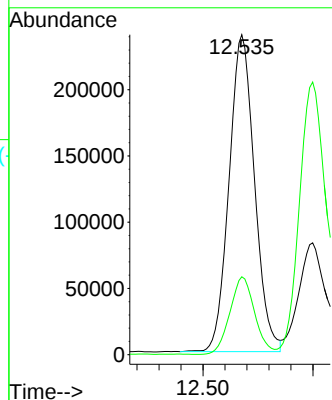
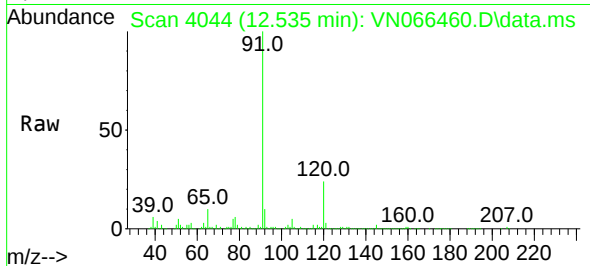
#78
n-propylbenzene
Concen: 17.37 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.002 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

Tgt Ion: 91 Resp: 384450
Ion Ratio Lower Upper
91 100
120 23.8 11.7 35.1

Instrument :
MSVOA_N
ClientSampled :
B4-8-10ME

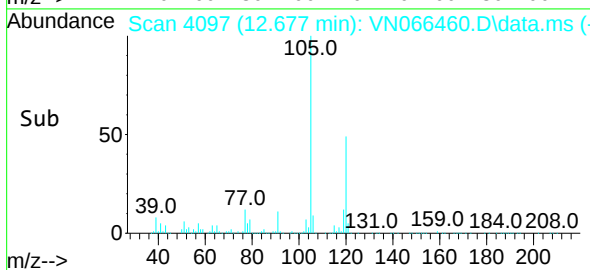
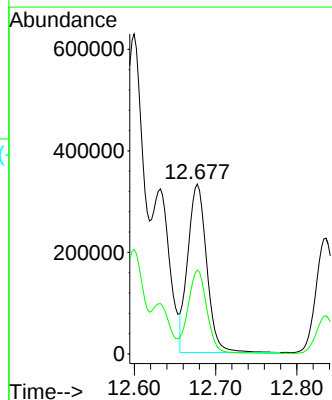
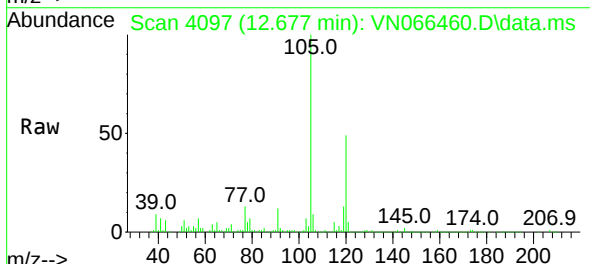
Manual Integrations
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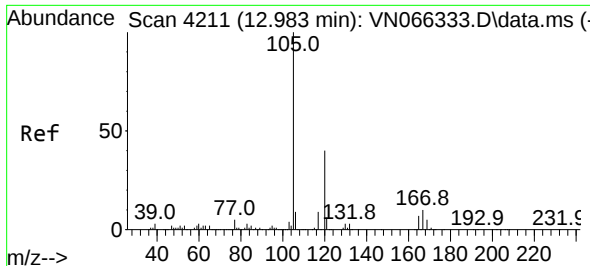
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#80
1,3,5-Trimethylbenzene
Concen: 32.15 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. 0.003 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

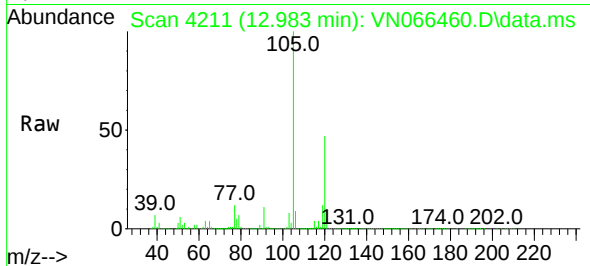
Tgt Ion: 105 Resp: 535341
Ion Ratio Lower Upper
105 100
120 48.5 24.5 73.5





#84
1,2,4-Trimethylbenzene
Concen: 108.34 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

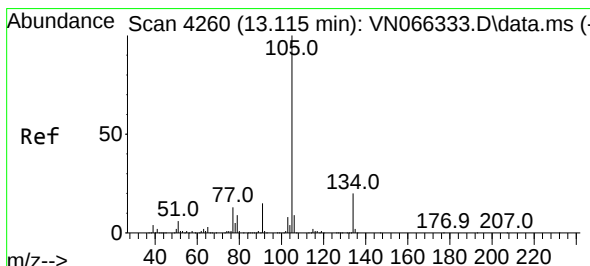
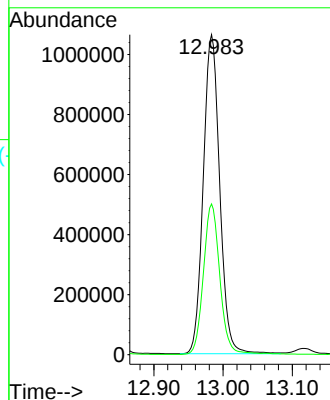
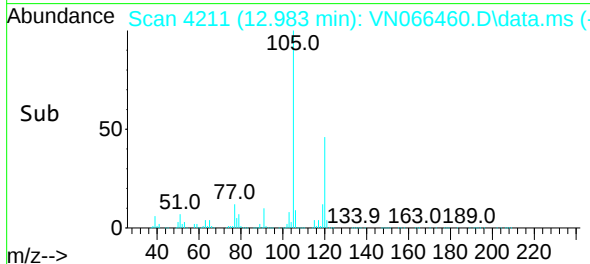
Instrument :
MSVOA_N
ClientSampleId :
B4-8-10ME



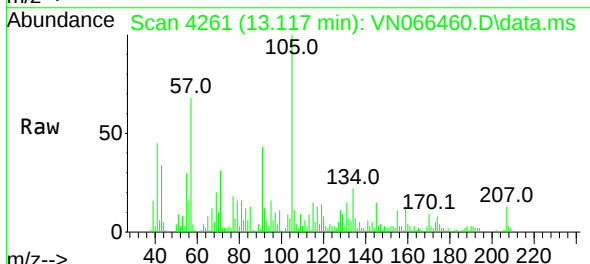
Tgt Ion:105 Resp: 1753025
Ion Ratio Lower Upper
105 100
120 46.9 23.1 69.2

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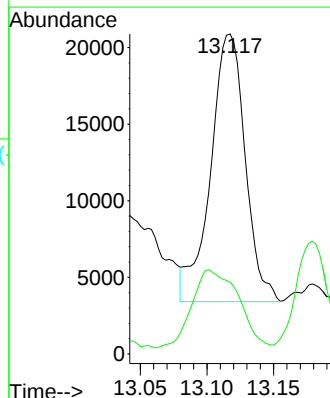
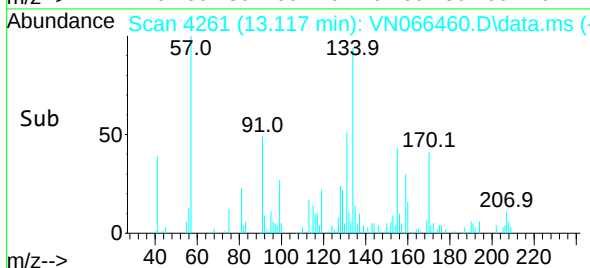
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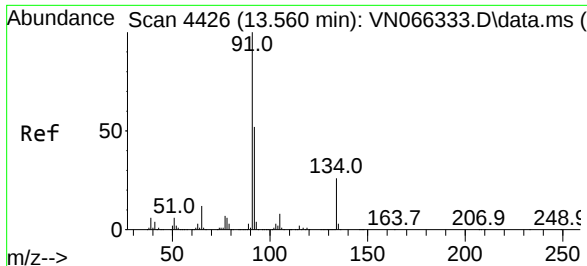


#85
sec-Butylbenzene
Concen: 1.70 ug/l m
RT: 13.117 min Scan# 4261
Delta R.T. 0.003 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58



Tgt Ion:105 Resp: 31545
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





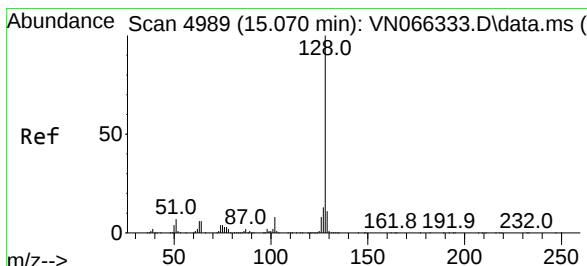
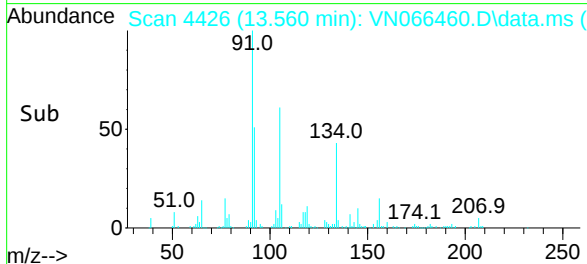
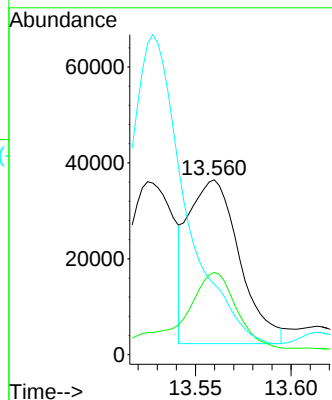
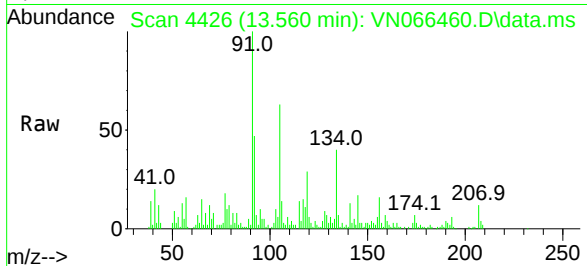
#89
n-Butylbenzene
Concen: 4.62 ug/l m
RT: 13.560 min Scan# 4426
Delta R.T. 0.002 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

Tgt Ion: 91 Resp: 63439
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 202.7 12.8 38.4#

Instrument :
MSVOA_N
ClientSampled :
B4-8-10ME

Manual Integrations
APPROVED

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#95
Naphthalene
Concen: 15.15 ug/l
RT: 15.263 min Scan# 5061
Delta R.T. 0.002 min
Lab File: VN066460.D
Acq: 1 Apr 2021 16:58

Tgt Ion: 128 Resp: 221125
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 10.7 8.5 12.7

