

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066458.D
 Acq On : 1 Apr 2021 16:11
 Operator : JC/MD
 Sample : M1836-08ME
 Misc : 9.55g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B4-0-2ME

Manual Integrations
 APPROVED

SAM
 4/5/2021 6:02:55 PM

Quant Time: Apr 02 04:52:26 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	7.579	168	479566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	694264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	544182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	232374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	287954	45.17	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.34%			
35) Dibromofluoromethane	7.504	113	231099	50.21	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.42%			
50) Toluene-d8	10.025	98	858131	49.16	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.32%			
62) 4-Bromofluorobenzene	12.345	95	248058	40.91	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 81.82%#			
Target Compounds					Qvalue	
31) Cyclohexane	7.558	56	95846	10.86	ug/l	92
39) Methylcyclohexane	9.006	83	113635	14.29	ug/l	99
40) Benzene	7.957	78	629509	31.96	ug/l	100
52) Toluene	10.092	92	138047	11.42	ug/l	100
67) Ethyl Benzene	11.452	91	935535	47.50	ug/l	100
68) m/p-Xylenes	11.559	106	731102	97.71	ug/l	97
69) o-Xylene	11.889	106	209192	28.97	ug/l	98
73) Isopropylbenzene	12.192	105	163638	9.47	ug/l	100
78) n-propylbenzene	12.535	91	344509	18.33	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	241527	17.08	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	668000	48.63	ug/l	98
89) n-Butylbenzene	13.562	91	28951m	2.48	ug/l	
95) Naphthalene	15.263	128	190467	15.36	ug/l	100

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

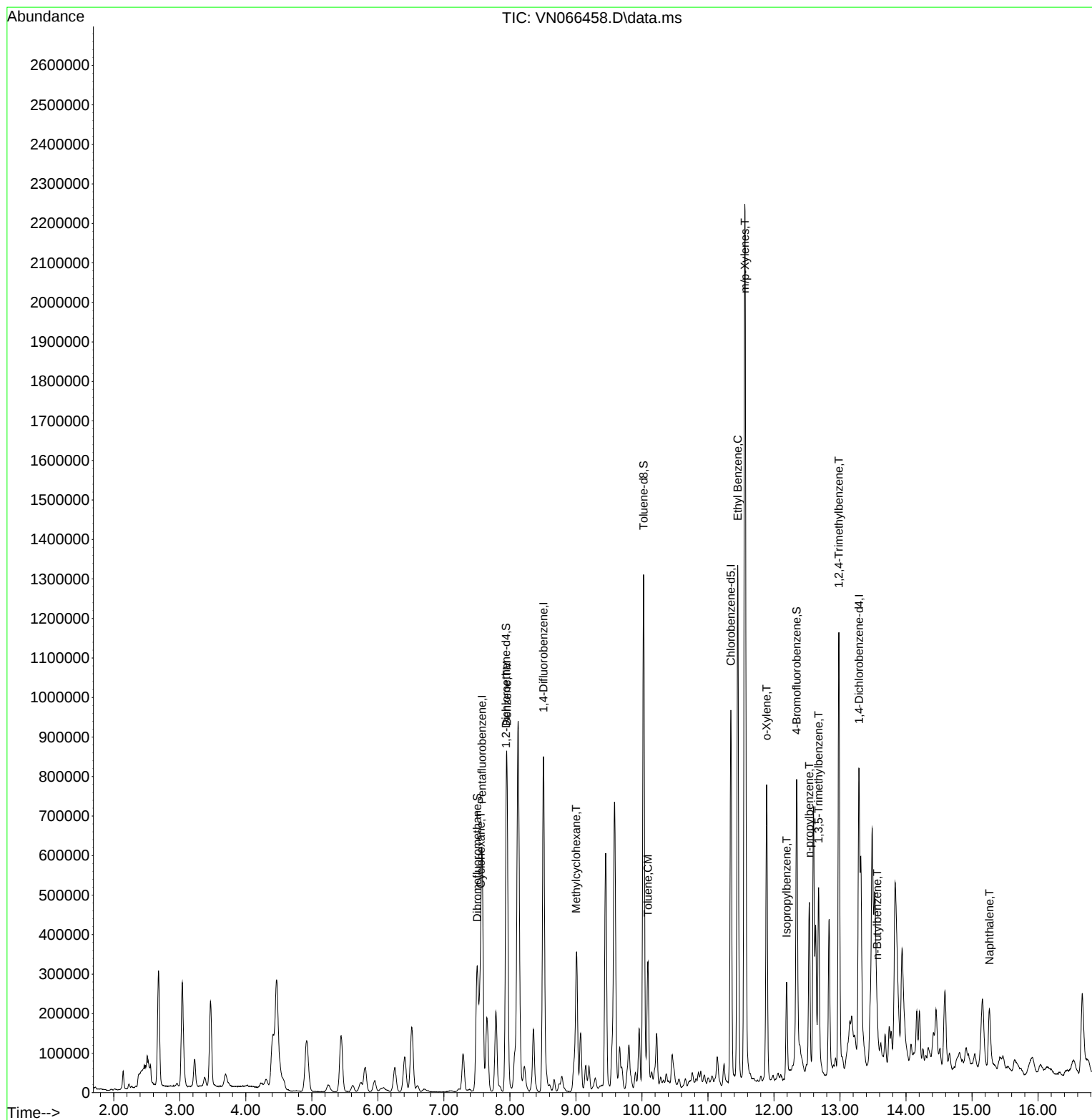
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
Data File : VN066458.D
Acq On : 1 Apr 2021 16:11
Operator : JC/MD
Sample : M1836-08ME
Misc : 9.55g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

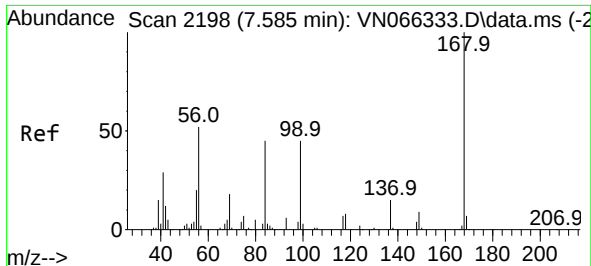
Instrument :
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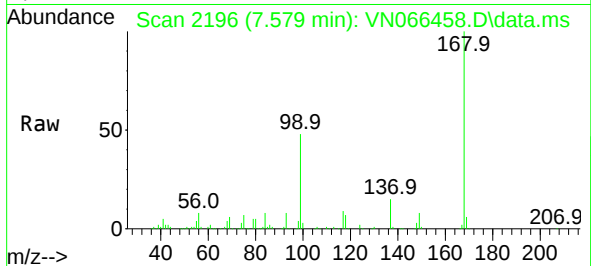
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 01 14:08:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

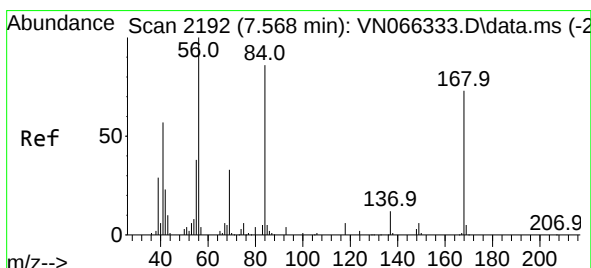
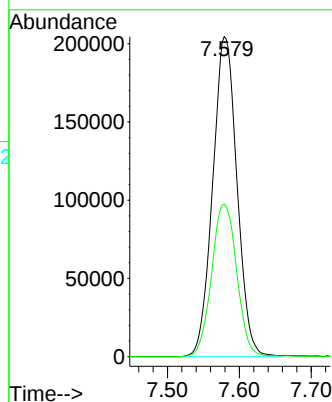
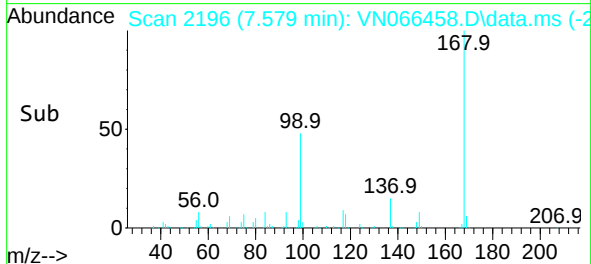
Instrument :
MSVOA_N
ClientSampleId :
B4-0-2ME



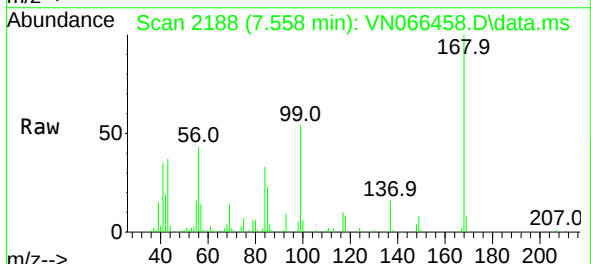
Tgt Ion:168 Resp: 479566
Ion Ratio Lower Upper
168 100
99 47.7 41.1 61.7

Manual Integrations
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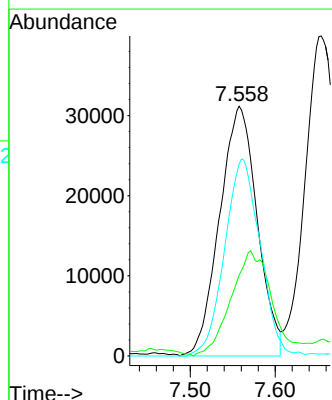
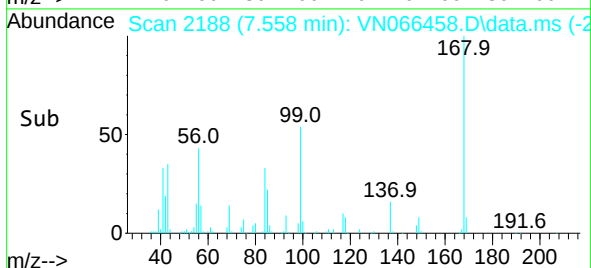
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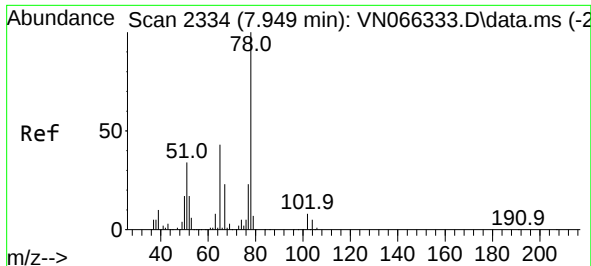


#31
Cyclohexane
Concen: 10.86 ug/l
RT: 7.558 min Scan# 2188
Delta R.T. -0.008 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

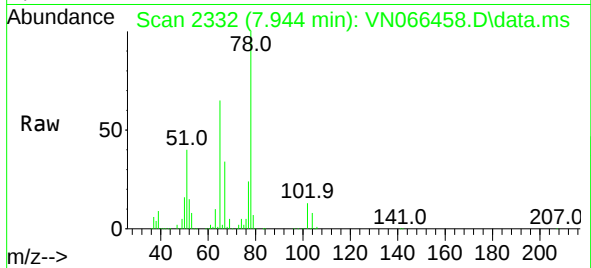


Tgt Ion: 56 Resp: 95846
Ion Ratio Lower Upper
56 100
69 30.9 26.6 40.0
84 76.7 68.7 103.1

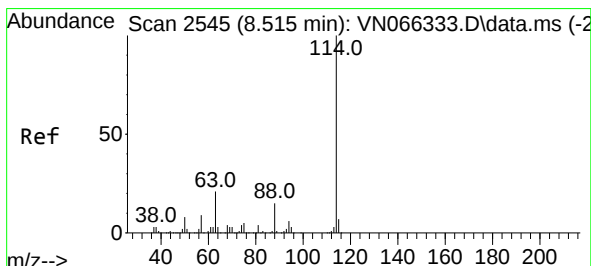
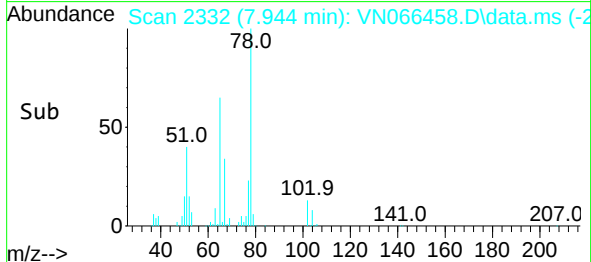
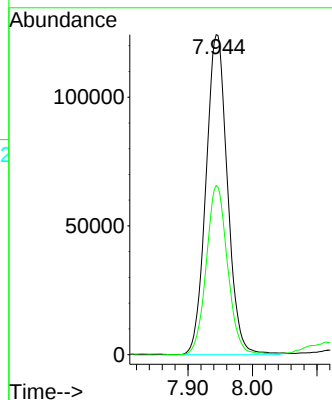




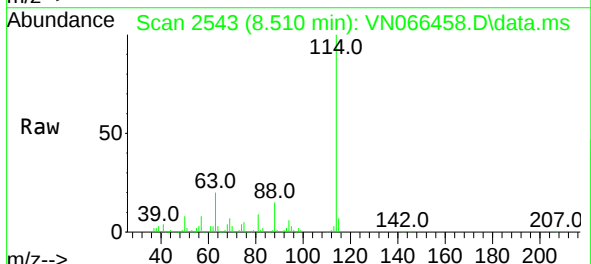
#33
1,2-Dichloroethane-d4
Concen: 45.17 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11



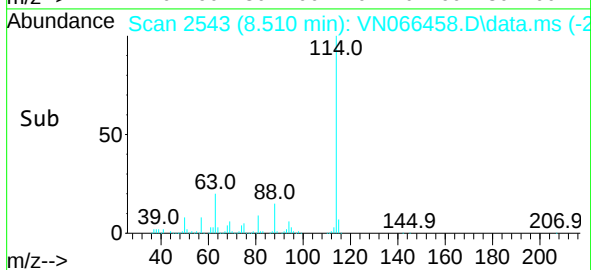
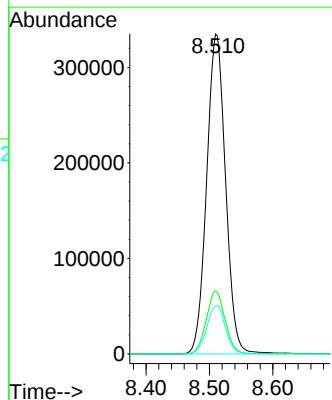
Tgt Ion: 65 Resp: 287954
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11



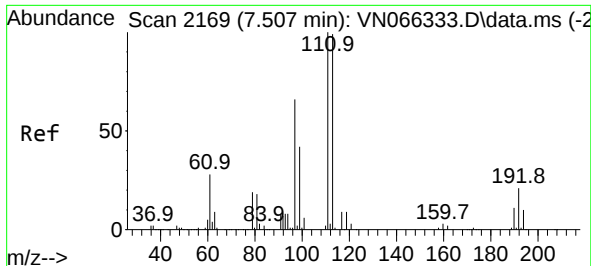
Tgt Ion: 114 Resp: 694264
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.0
88 15.0 0.0 31.0



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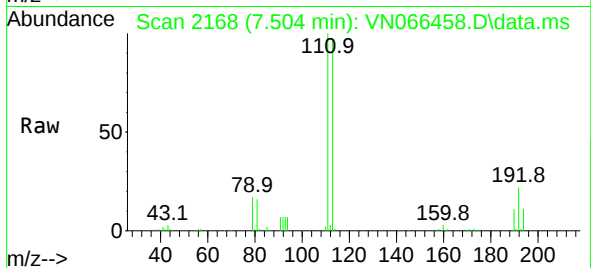
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#35
Dibromofluoromethane
Concen: 50.21 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.002 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

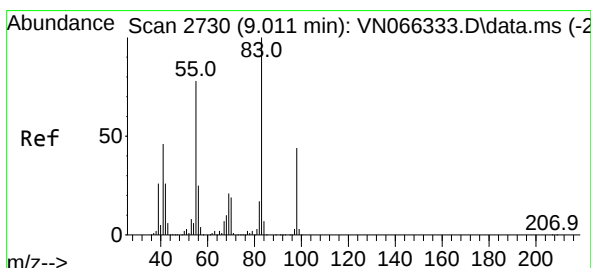
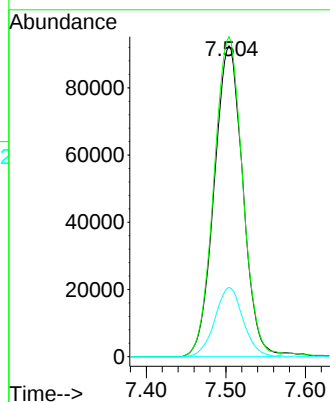
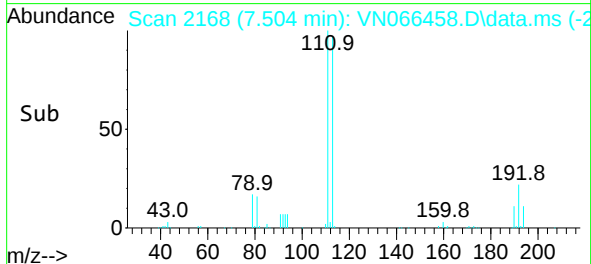
Instrument :
MSVOA_N
ClientSampleId :
B4-0-2ME



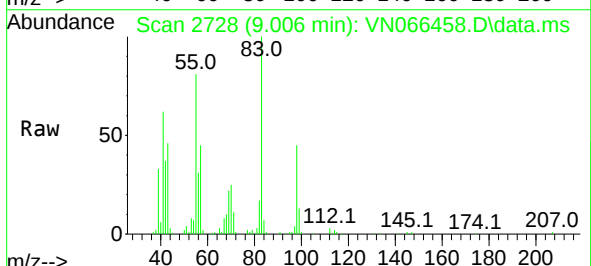
Tgt Ion:113 Resp: 231099
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 22.0 17.1 25.7

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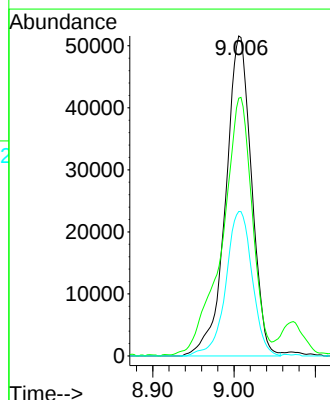
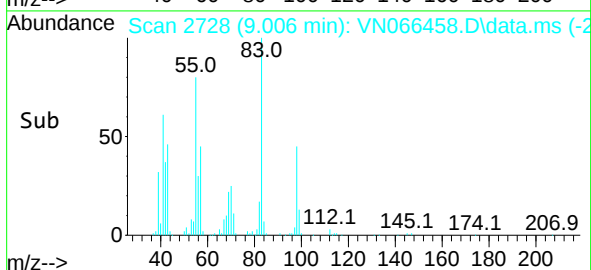
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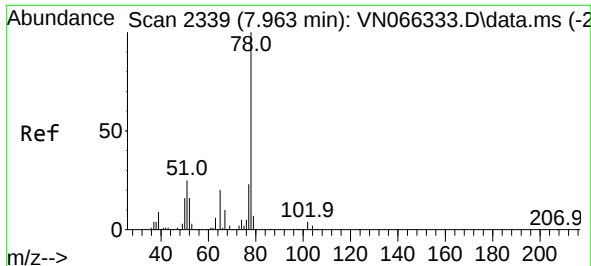


#39
Methylcyclohexane
Concen: 14.29 ug/l
RT: 9.006 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11



Tgt Ion: 83 Resp: 113635
Ion Ratio Lower Upper
83 100
55 79.2 62.3 93.5
98 45.1 35.6 53.4





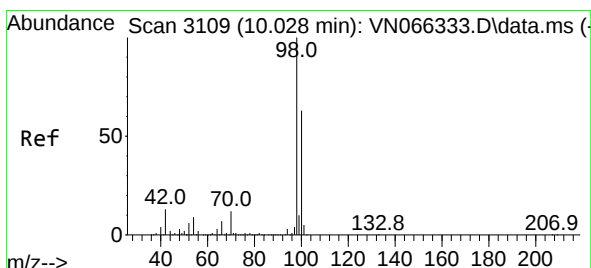
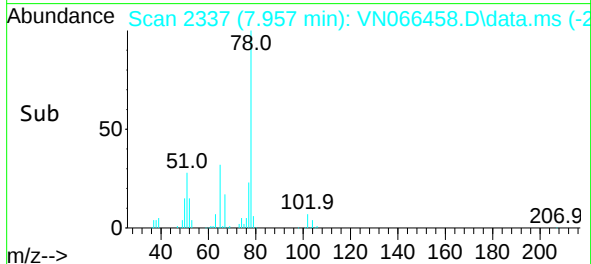
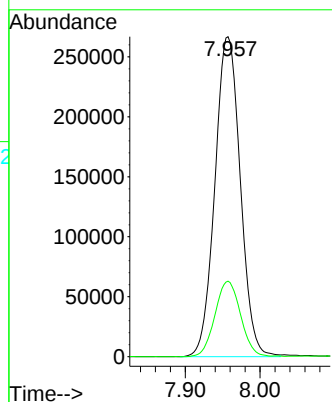
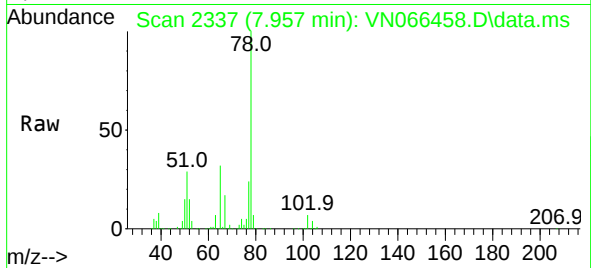
#40
Benzene
Concen: 31.96 ug/l
RT: 7.957 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

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Tgt Ion: 78 Resp: 629509
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1

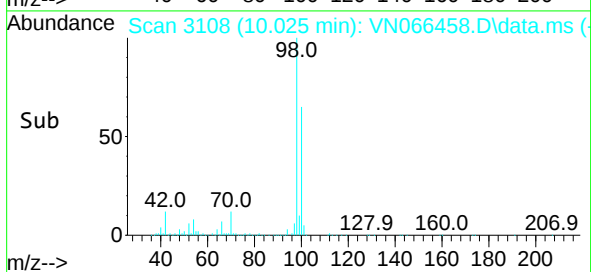
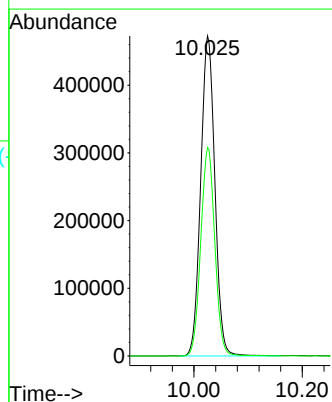
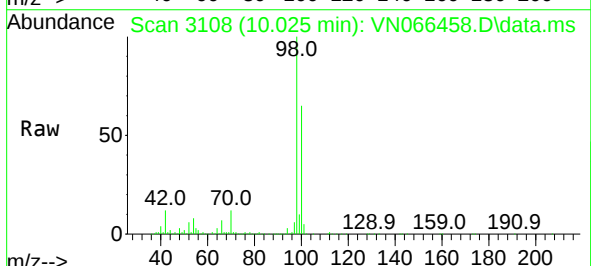
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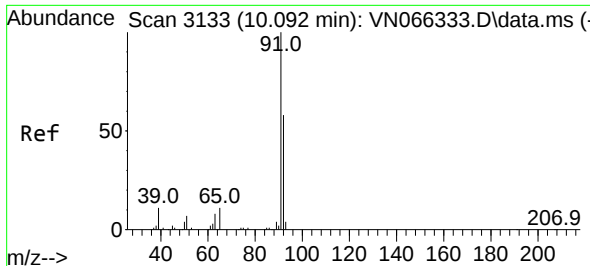
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#50
Toluene-d8
Concen: 49.16 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

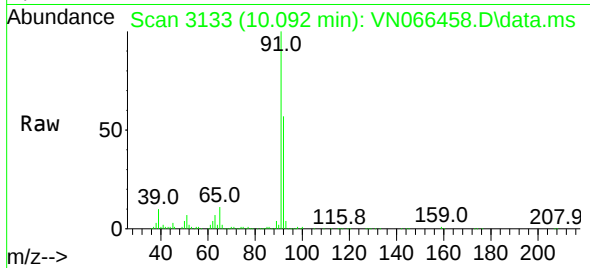
Tgt Ion: 98 Resp: 858131
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7





#52
Toluene
Concen: 11.42 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.002 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

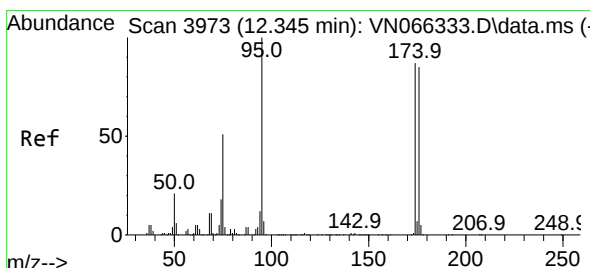
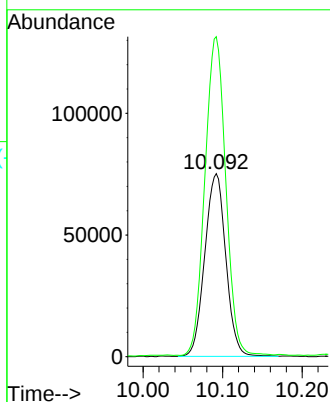
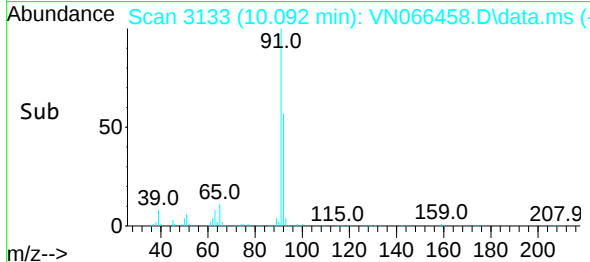
Instrument :
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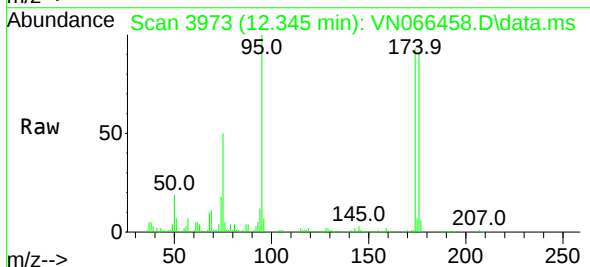
Tgt Ion: 92 Resp: 138047
Ion Ratio Lower Upper
92 100
91 173.1 138.8 208.2

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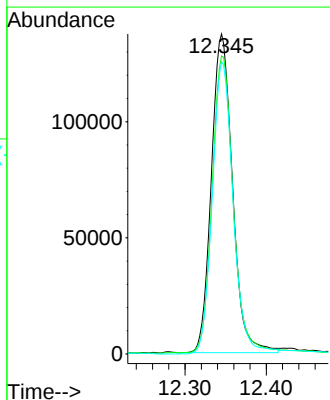
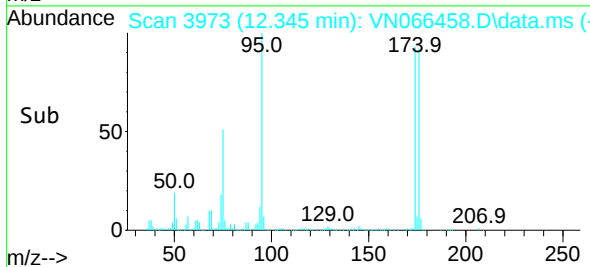
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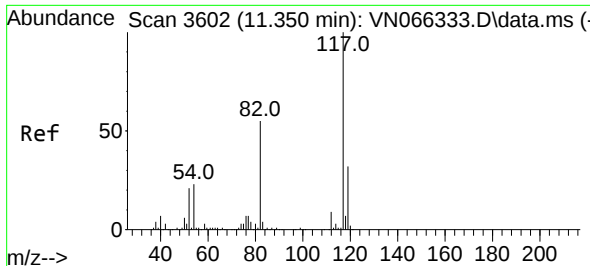


#62
4-Bromofluorobenzene
Concen: 40.91 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.002 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11



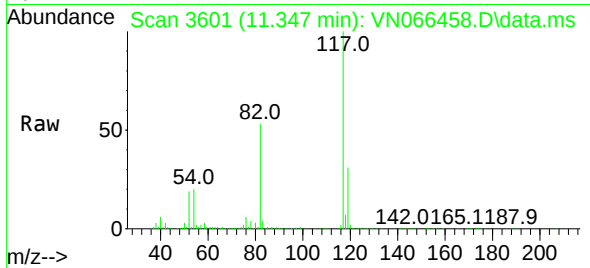
Tgt Ion: 95 Resp: 248058
Ion Ratio Lower Upper
95 100
174 93.4 0.0 172.2
176 92.2 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

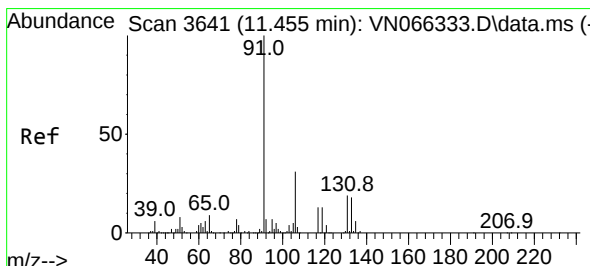
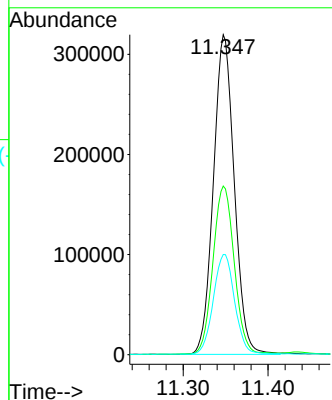
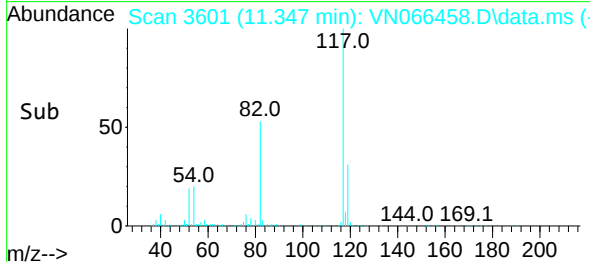
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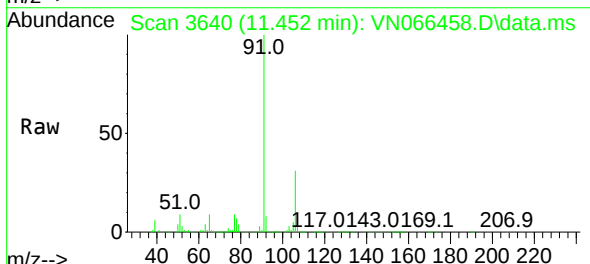
Tgt Ion:117 Resp: 544182
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.4
119 31.2 25.8 38.6

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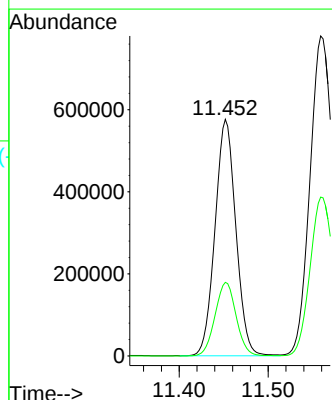
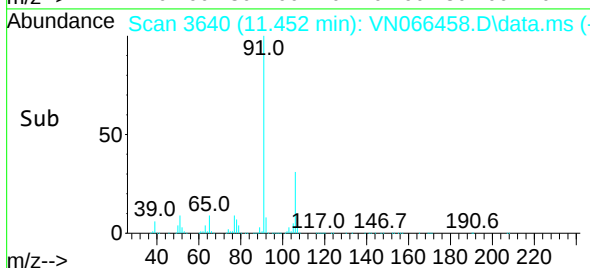
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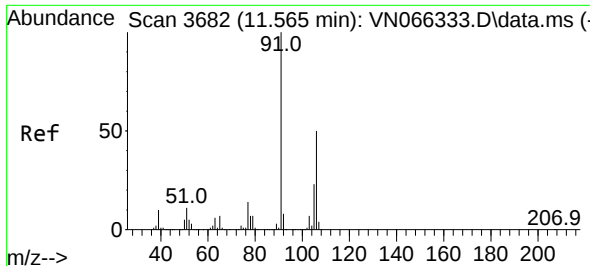


#67
Ethyl Benzene
Concen: 47.50 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11



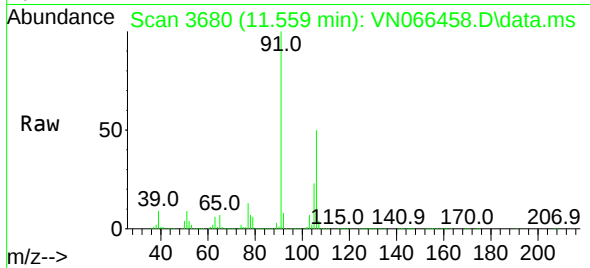
Tgt Ion: 91 Resp: 935535
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1





#68
m/p-Xylenes
Concen: 97.71 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

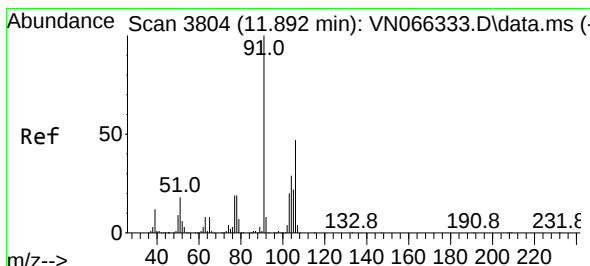
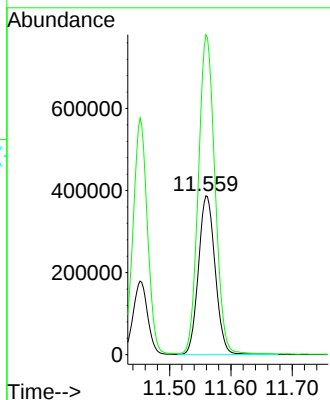
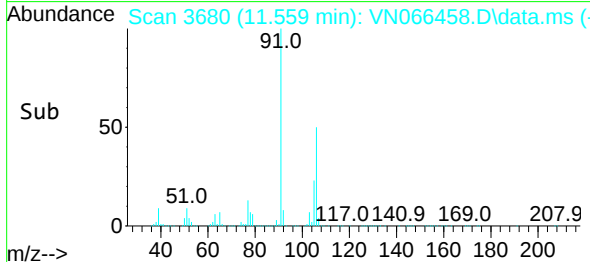
Instrument :
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ClientSampleId :
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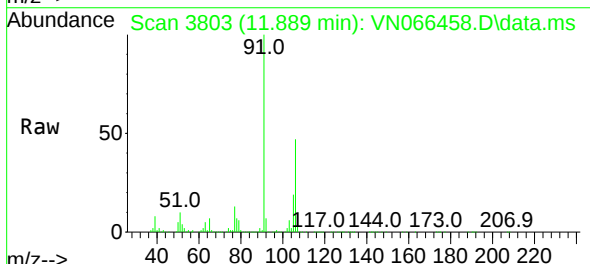
Tgt Ion:106 Resp: 731102
Ion Ratio Lower Upper
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Manual Integrations
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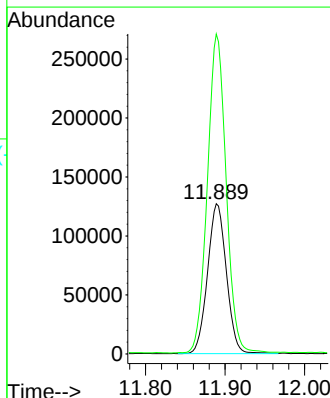
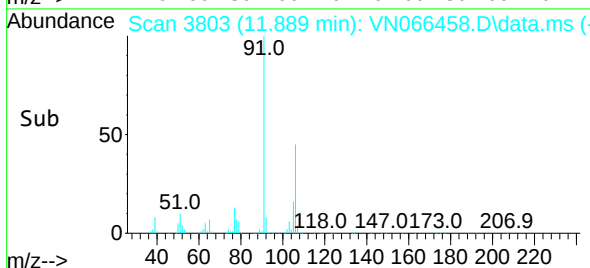
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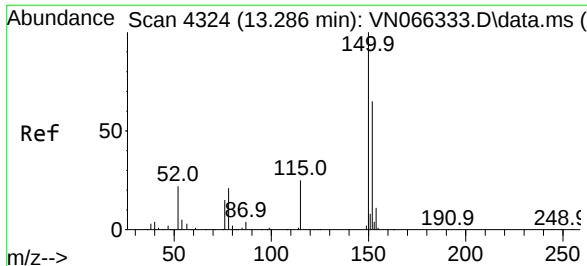


#69
o-Xylene
Concen: 28.97 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11



Tgt Ion:106 Resp: 209192
Ion Ratio Lower Upper
106 100
91 211.5 107.1 321.4





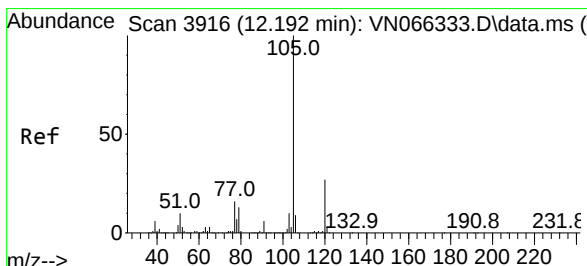
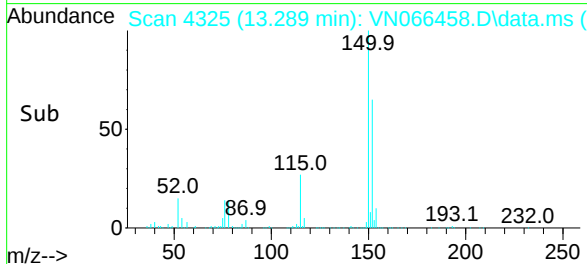
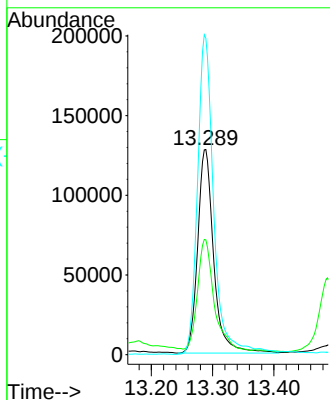
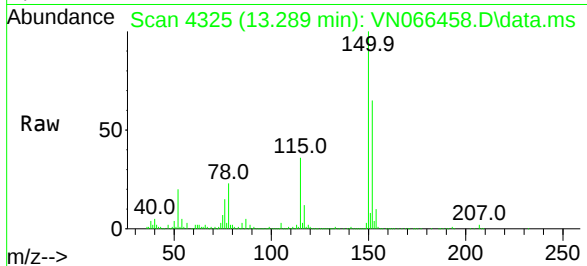
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.005 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

Tgt Ion:152 Resp: 232374
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 156.9 0.0 348.4

Instrument :
MSVOA_N
ClientSampleId :
B4-0-2ME

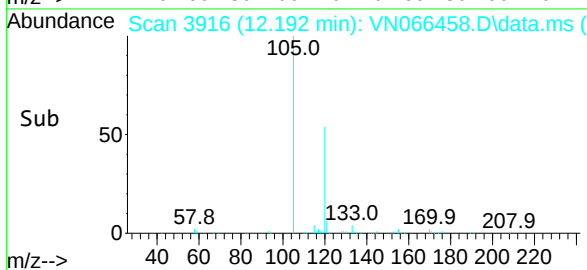
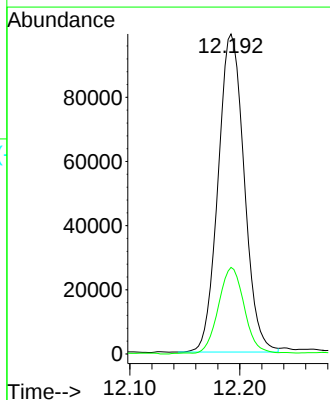
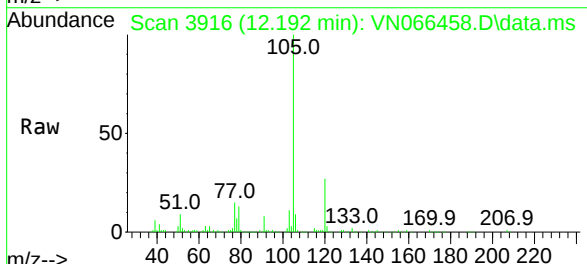
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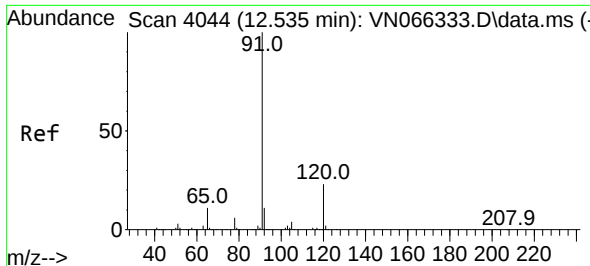
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#73
Isopropylbenzene
Concen: 9.47 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

Tgt Ion:105 Resp: 163638
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8





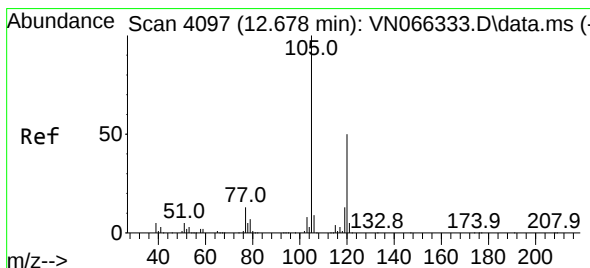
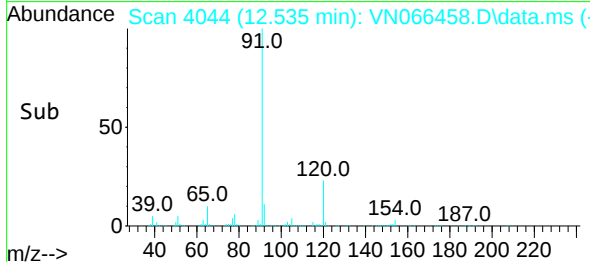
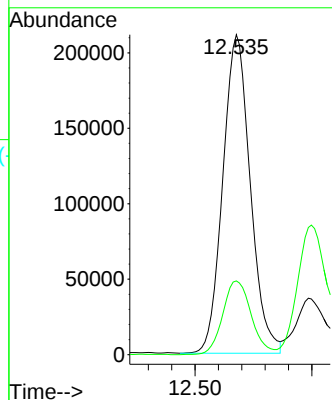
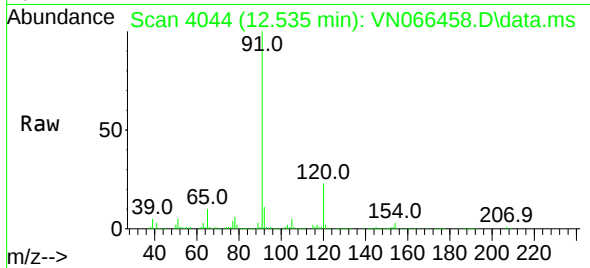
#78
n-propylbenzene
Concen: 18.33 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.002 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

Tgt Ion: 91 Resp: 344509
Ion Ratio Lower Upper
91 100
120 24.0 11.7 35.1

Instrument :
MSVOA_N
ClientSampled :
B4-0-2ME

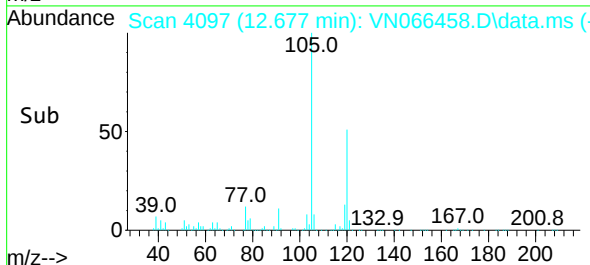
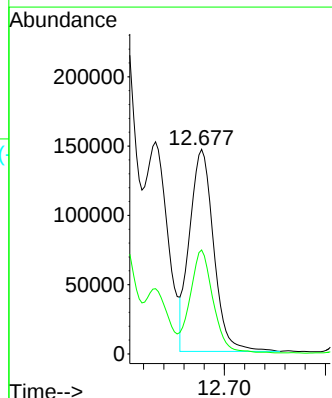
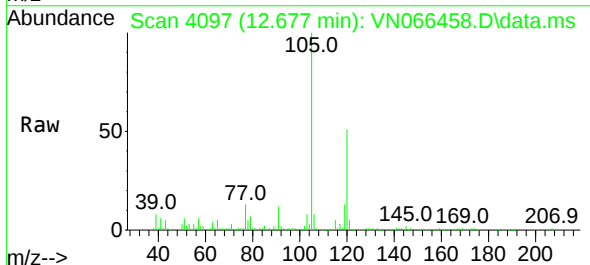
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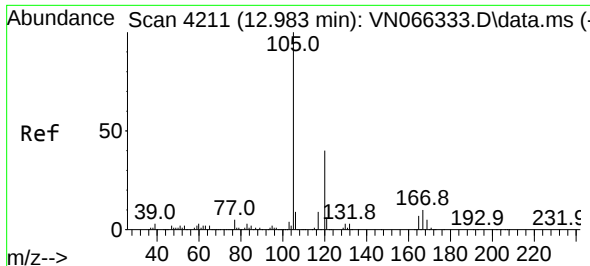
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#80
1,3,5-Trimethylbenzene
Concen: 17.08 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. 0.002 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

Tgt Ion: 105 Resp: 241527
Ion Ratio Lower Upper
105 100
120 47.9 24.5 73.5





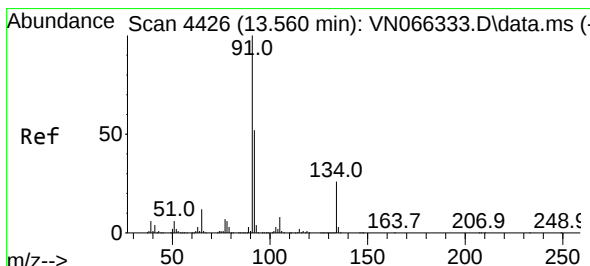
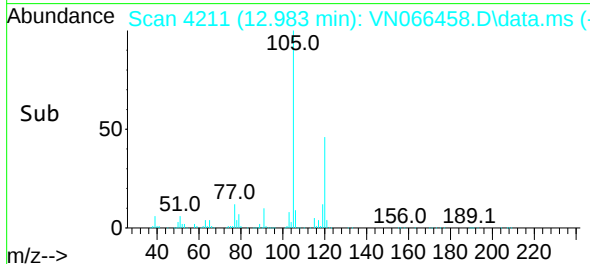
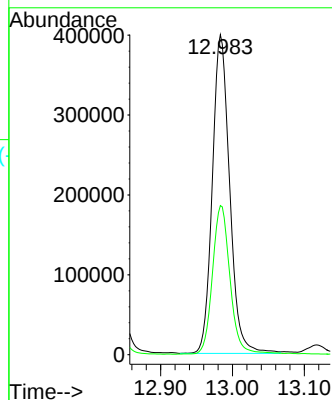
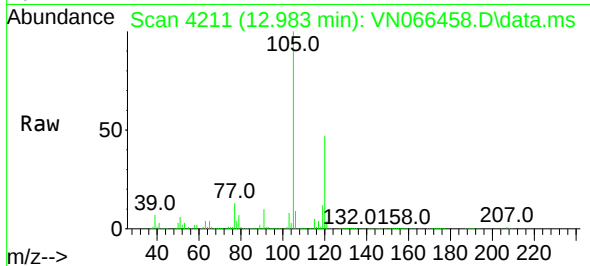
#84
1,2,4-Trimethylbenzene
Concen: 48.63 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

Tgt Ion: 105 Resp: 668000
Ion Ratio Lower Upper
105 100
120 47.4 23.1 69.2

Instrument :
MSVOA_N
ClientSampleId :
B4-0-2ME

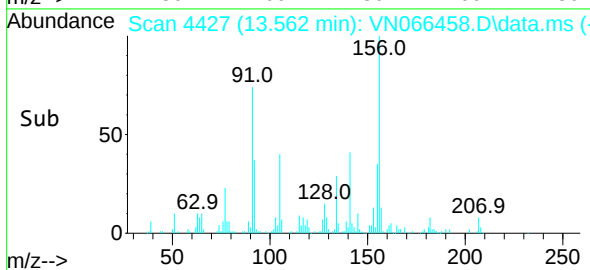
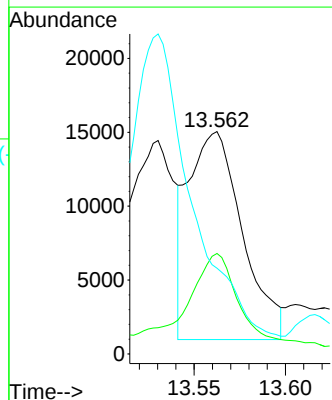
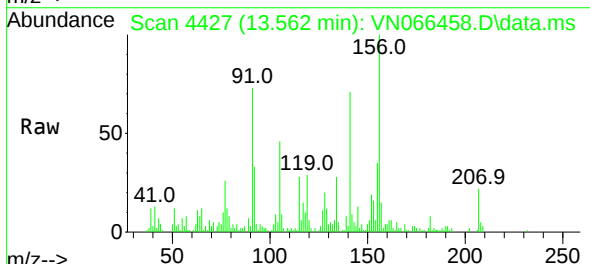
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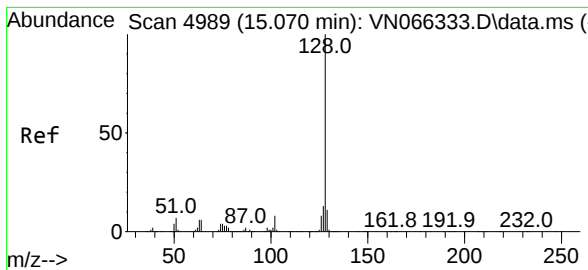
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#89
n-Butylbenzene
Concen: 2.48 ug/l m
RT: 13.562 min Scan# 4427
Delta R.T. 0.005 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

Tgt Ion: 91 Resp: 28951
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 157.3 12.8 38.4#





#95
Naphthalene
Concen: 15.36 ug/l
RT: 15.263 min Scan# 5061
Delta R.T. 0.002 min
Lab File: VN066458.D
Acq: 1 Apr 2021 16:11

Tgt Ion:128 Resp: 190467
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.3 8.5 12.7

Instrument :
MSVOA_N
ClientSampleId :
B4-0-2ME

Manual Integrations
APPROVED

SAM
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