

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066191.D
 Acq On : 12 Mar 2021 18:58
 Operator : JC/MD
 Sample : M1647-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP2-41732:34

Manual Integrations
 APPROVED

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Quant Time: Mar 13 02:43:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	476555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	732823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	629418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	222051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	340393	44.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.54%		
35) Dibromofluoromethane	7.509	113	231111	46.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.48%		
50) Toluene-d8	10.028	98	903478	45.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.24%		
62) 4-Bromofluorobenzene	12.345	95	268221	36.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	72.82%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.712	59	10053m	8.52	ug/l	
16) Acetone	3.741	43	91340	20.41	ug/l	95
18) Methyl Acetate	4.243	43	16774	1.77	ug/l #	64
25) 2-Butanone	6.748	43	21943	3.78	ug/l #	91
40) Benzene	7.965	78	20603	0.88	ug/l	97
51) 4-Methyl-2-Pentanone	9.918	43	11494	1.04	ug/l	96
52) Toluene	10.095	92	52091	3.69	ug/l	99
68) m/p-Xylenes	11.562	106	5841	0.67	ug/l	96
69) o-Xylene	11.889	106	3430	0.41	ug/l	96
95) Naphthalene	15.070	128	13017	2.95	ug/l #	79

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

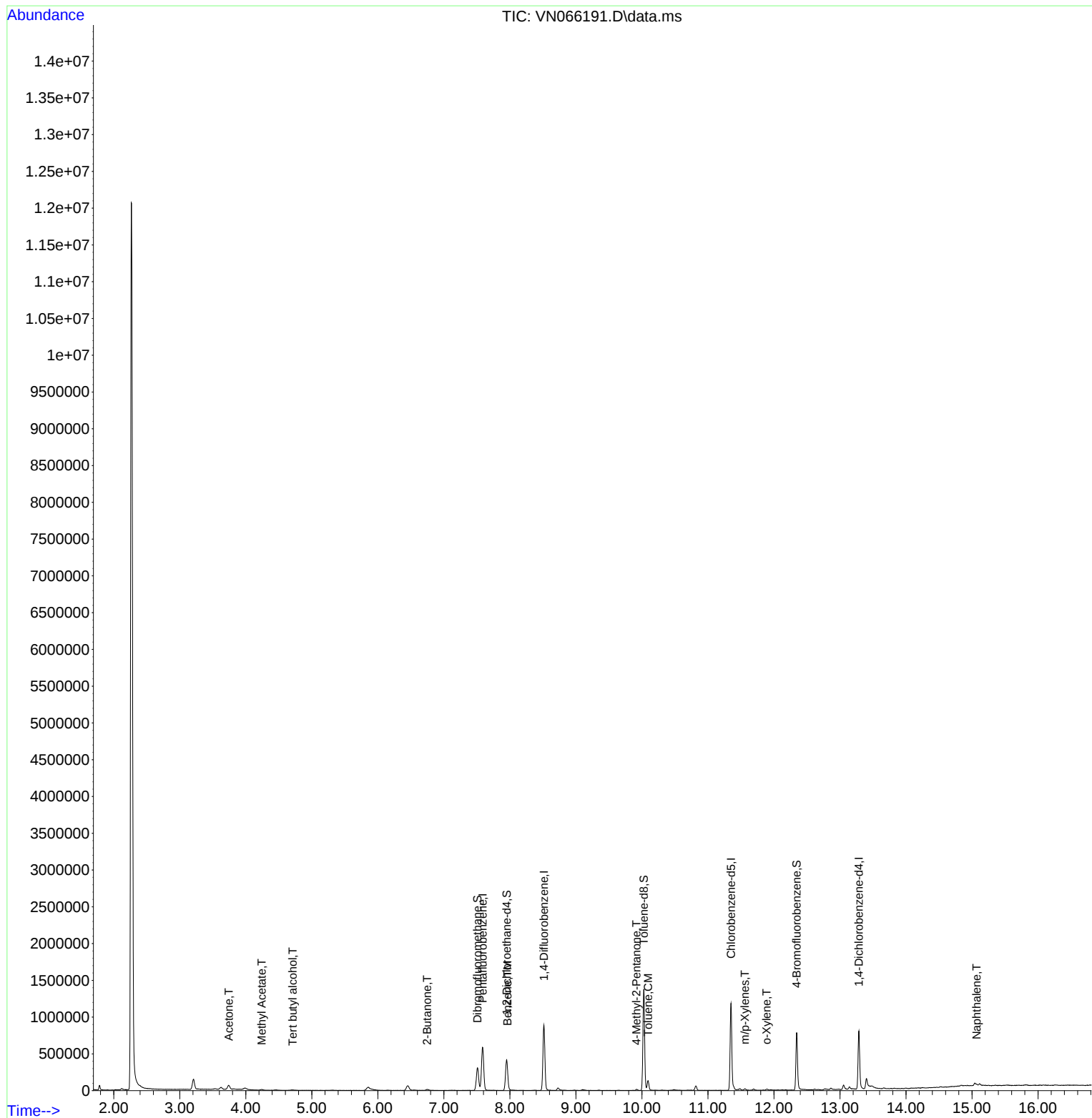
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
Data File : VN066191.D
Acq On : 12 Mar 2021 18:58
Operator : JC/MD
Sample : M1647-19
Misc : 5.00mL/MSVOA_N/WATER
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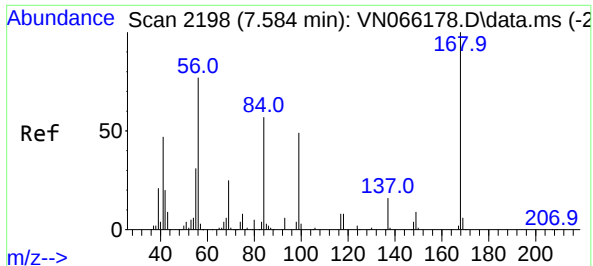
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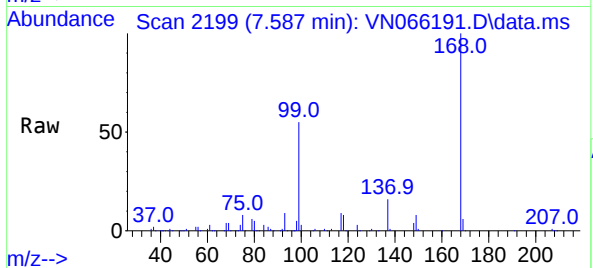
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 12 13:00:23 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.003 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

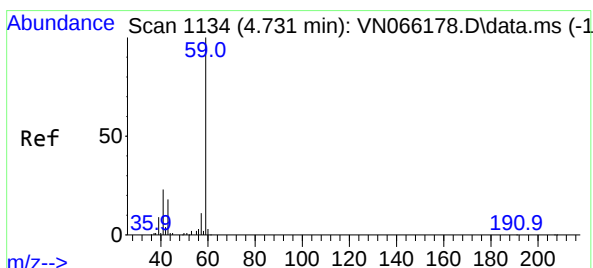
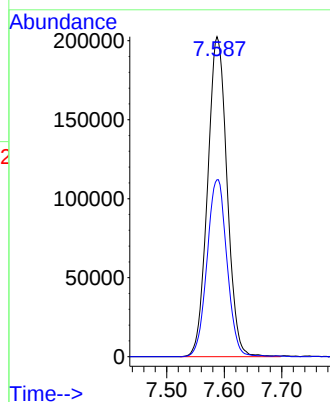
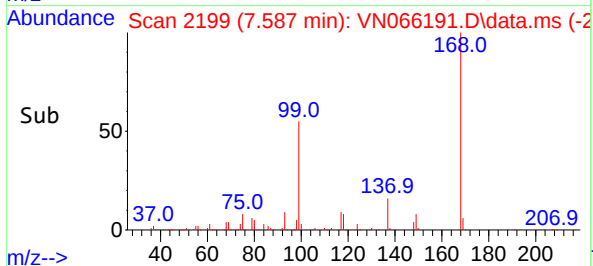
Instrument :
MSVOA_N
ClientSampleId :
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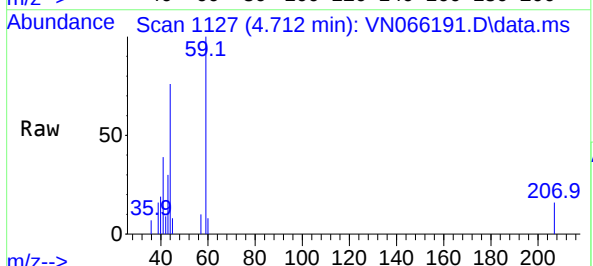
Tgt Ion:168 Resp: 476555
Ion Ratio Lower Upper
168 100
99 55.3 45.4 68.0

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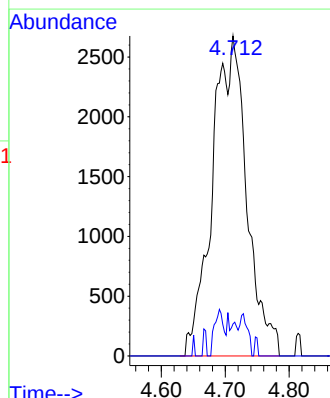
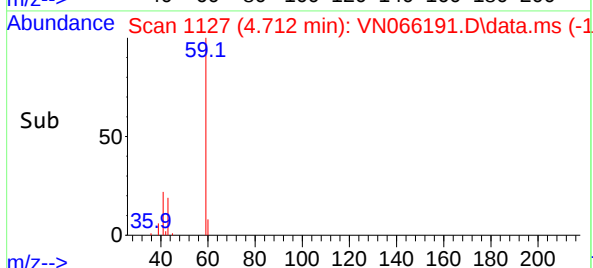
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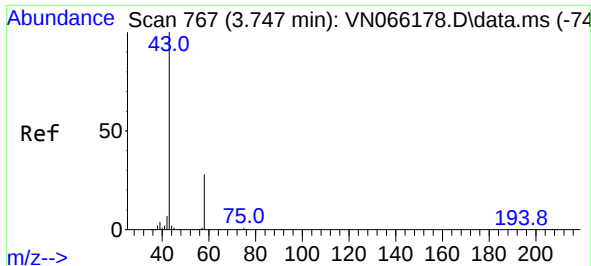


#11
Tert butyl alcohol
Concen: 8.52 ug/l m
RT: 4.712 min Scan# 1127
Delta R.T. -0.011 min
Lab File: VN066191.D
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Tgt Ion: 59 Resp: 10053
Ion Ratio Lower Upper
59 100
57 3.9 8.0 12.0#





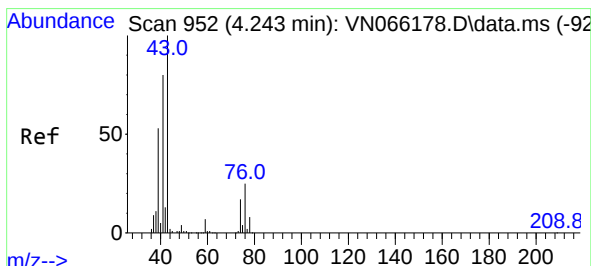
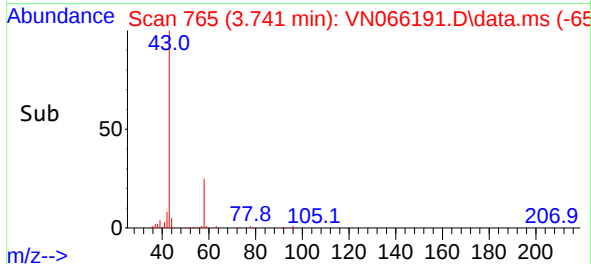
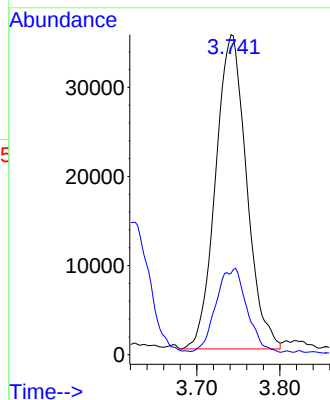
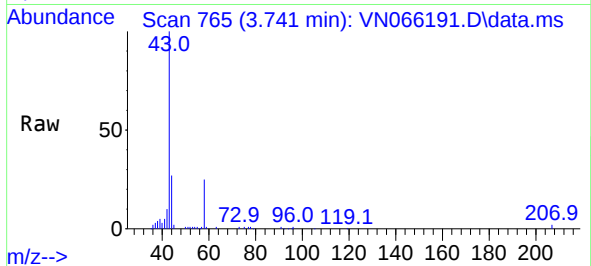
#16
Acetone
Concen: 20.41 ug/l
RT: 3.741 min Scan# 765
Delta R.T. -0.008 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

Tgt Ion: 43 Resp: 91340
Ion Ratio Lower Upper
43 100
58 25.1 22.3 33.5

Instrument :
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ClientSampleId :
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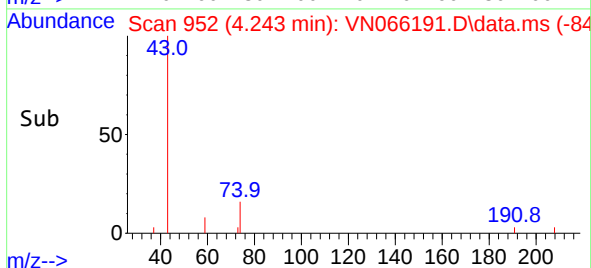
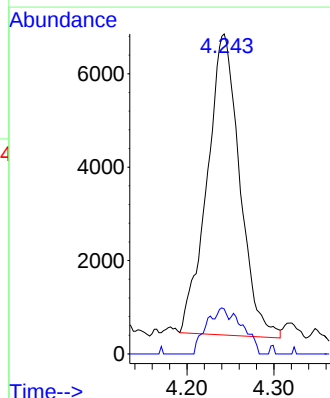
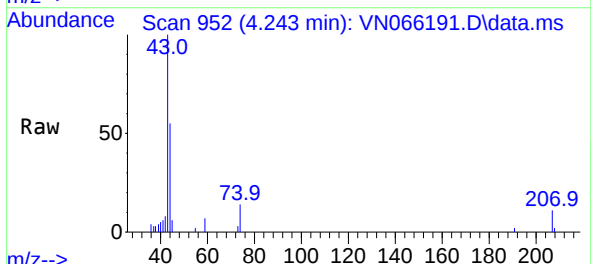
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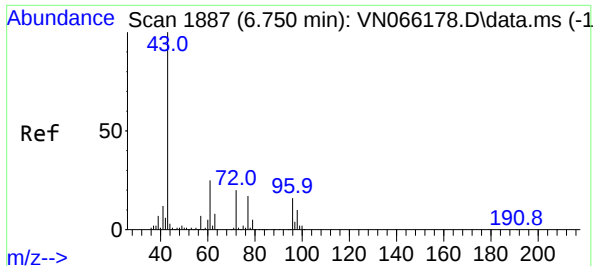
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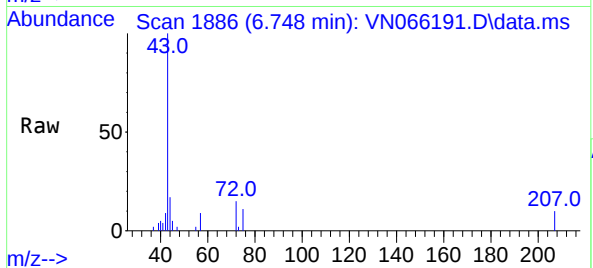
#18
Methyl Acetate
Concen: 1.77 ug/l
RT: 4.243 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

Tgt Ion: 43 Resp: 16774
Ion Ratio Lower Upper
43 100
74 1.7 14.2 21.2#

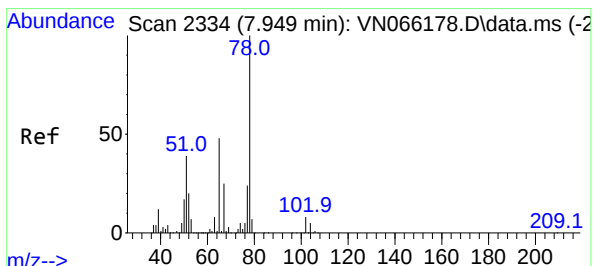
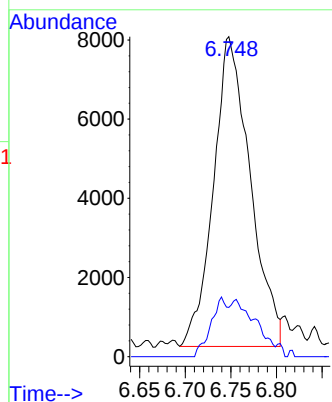
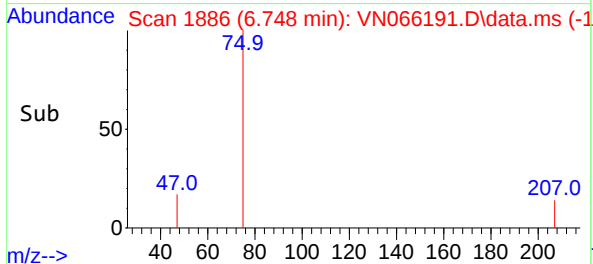




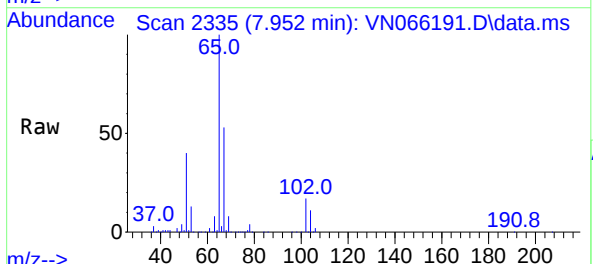
#25
2-Butanone
Concen: 3.78 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58



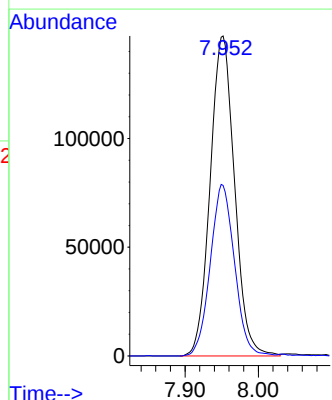
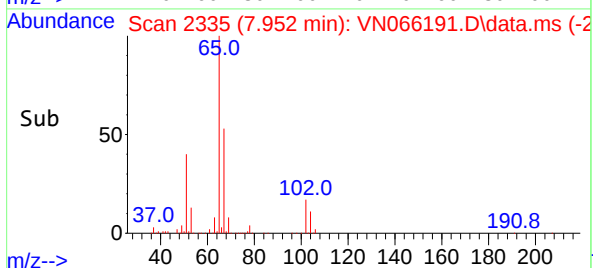
Tgt Ion: 43 Resp: 21943
Ion Ratio Lower Upper
43 100
72 15.9 16.2 24.2#



#33
1,2-Dichloroethane-d4
Concen: 44.27 ug/l
RT: 7.952 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58



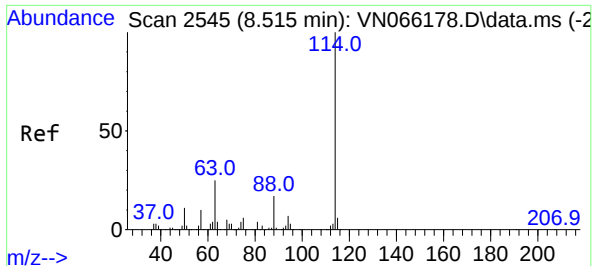
Tgt Ion: 65 Resp: 340393
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



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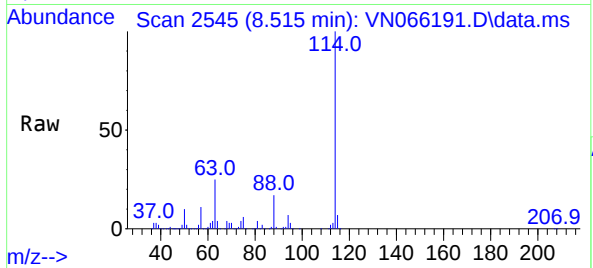
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. -0.003 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

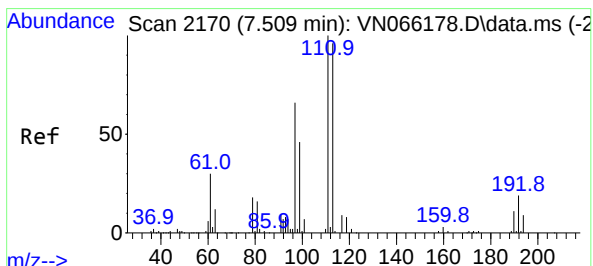
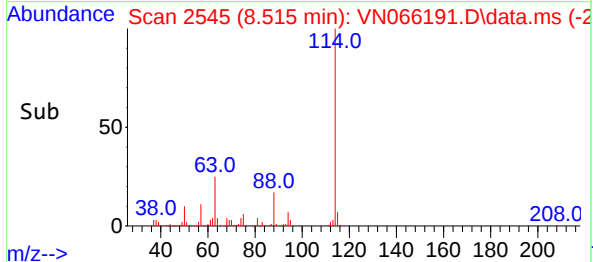
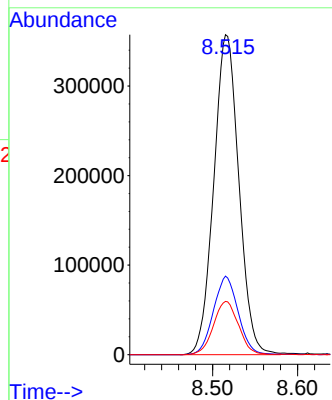
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:114 Resp: 732823
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 16.6 0.0 33.8

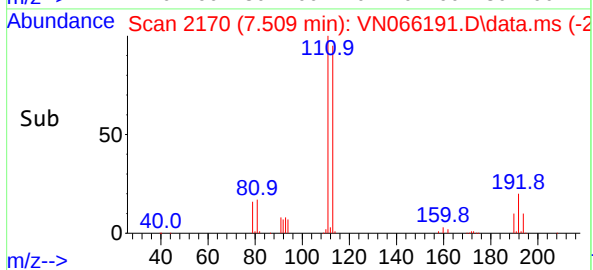
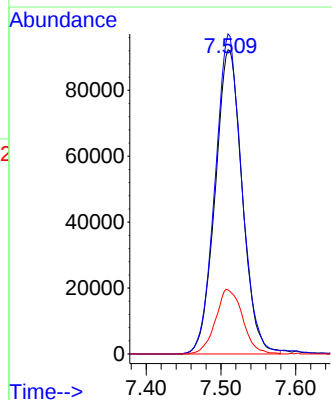
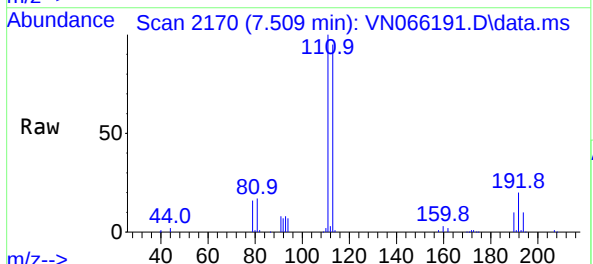
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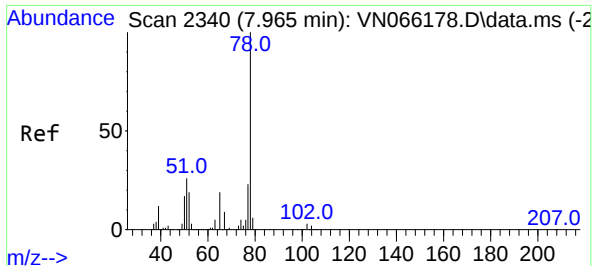
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#35
Dibromofluoromethane
Concen: 46.74 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

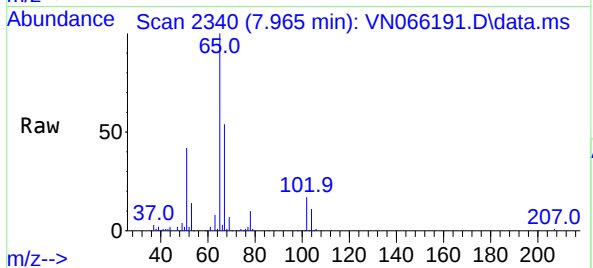
Tgt Ion:113 Resp: 231111
Ion Ratio Lower Upper
113 100
111 104.2 84.0 126.0
192 21.3 16.7 25.1





#40
Benzene
Concen: 0.88 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.000 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

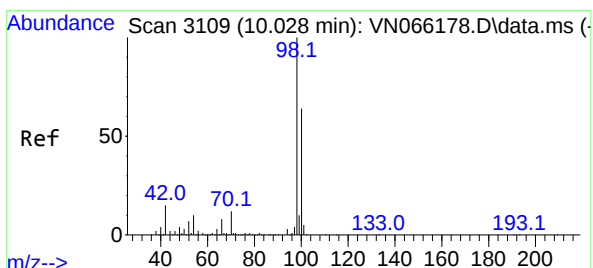
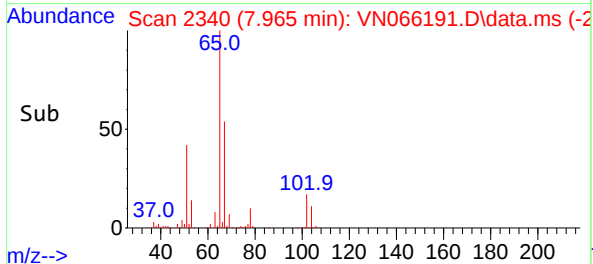
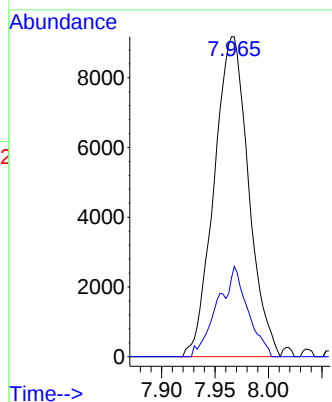
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Tgt Ion: 78 Resp: 20603
Ion Ratio Lower Upper
78 100
77 24.7 18.5 27.7

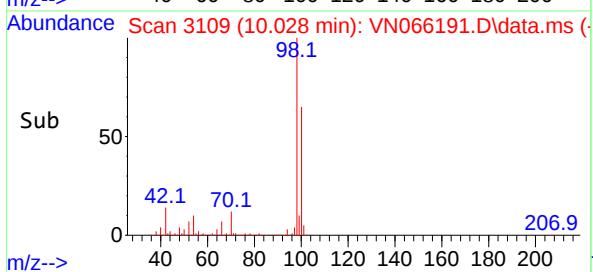
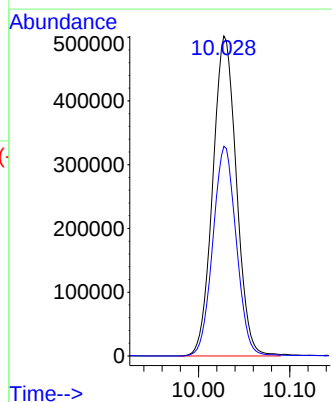
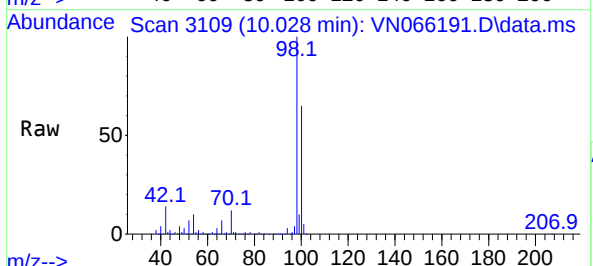
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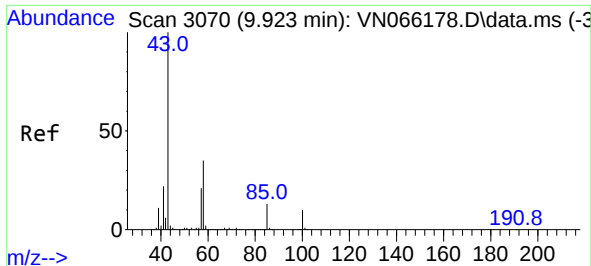
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#50
Toluene-d8
Concen: 45.12 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

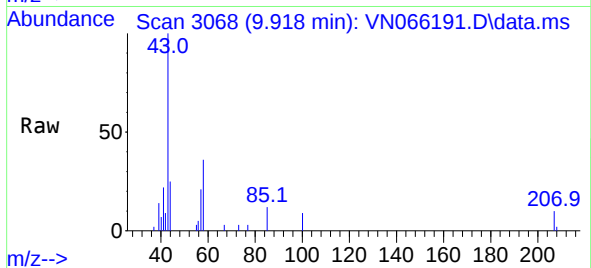
Tgt Ion: 98 Resp: 903478
Ion Ratio Lower Upper
98 100
100 65.0 51.0 76.6





#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 9.918 min Scan# 3068
Delta R.T. -0.005 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

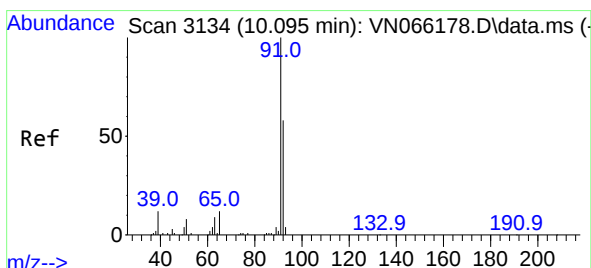
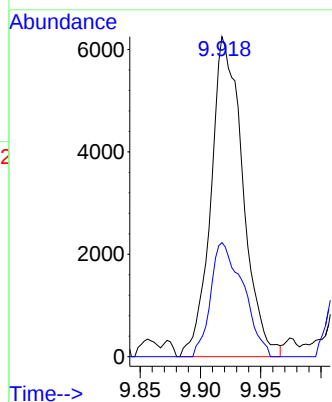
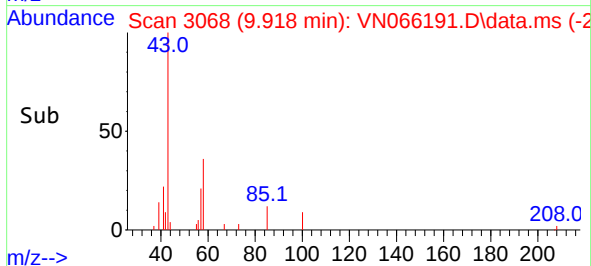
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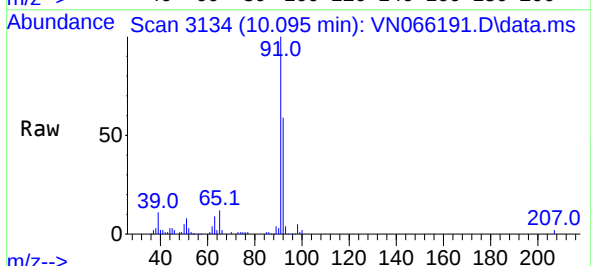
Tgt Ion: 43 Resp: 11494
Ion Ratio Lower Upper
43 100
58 36.4 27.5 41.3

Manual Integrations
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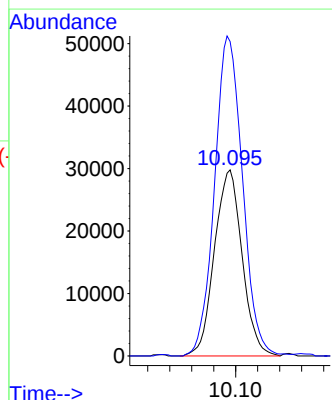
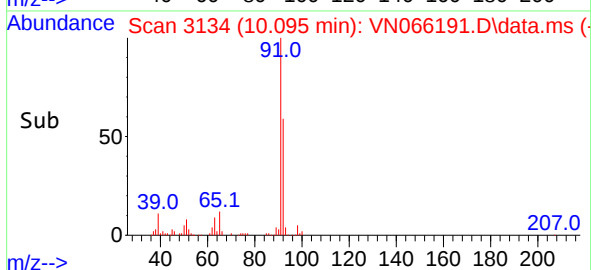
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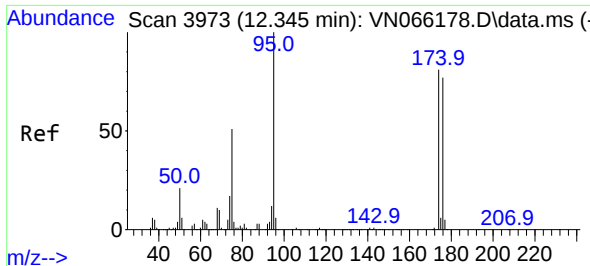


#52
Toluene
Concen: 3.69 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

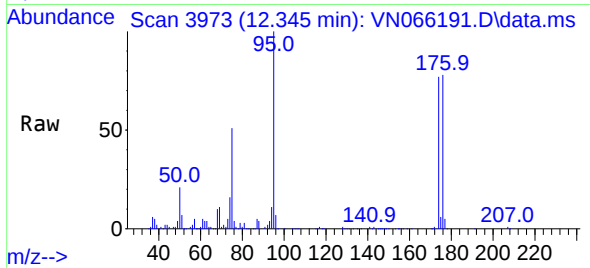


Tgt Ion: 92 Resp: 52091
Ion Ratio Lower Upper
92 100
91 173.8 137.5 206.3

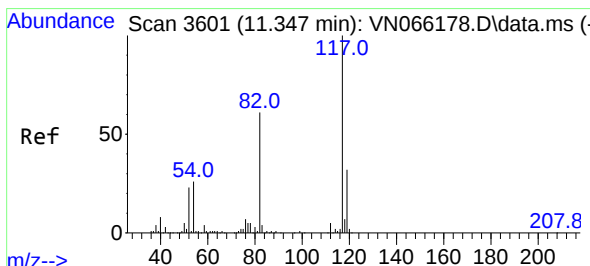
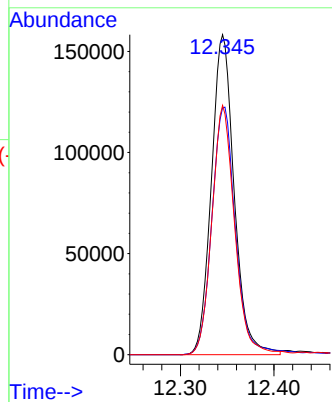
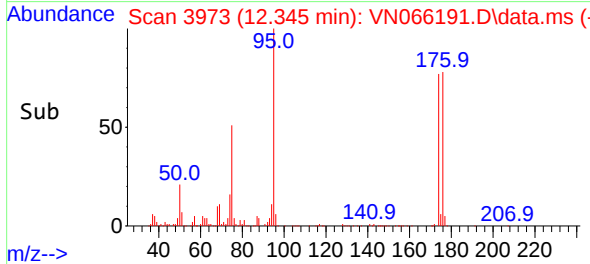




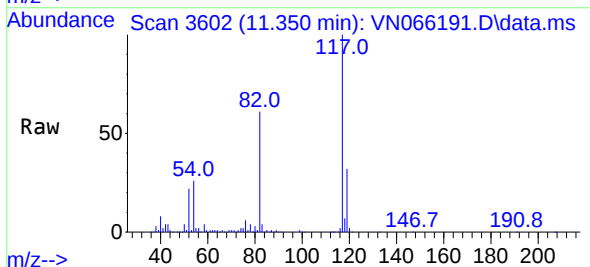
#62
4-Bromofluorobenzene
Concen: 36.41 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58



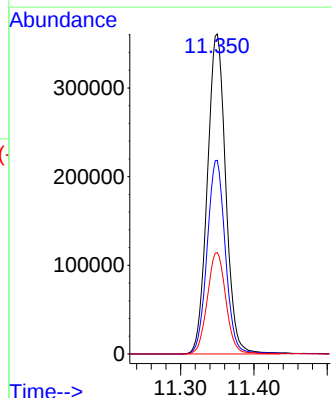
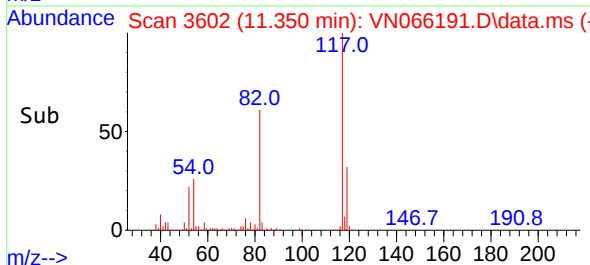
Tgt Ion: 95 Resp: 268221
Ion Ratio Lower Upper
95 100
174 80.5 0.0 162.4
176 77.9 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58



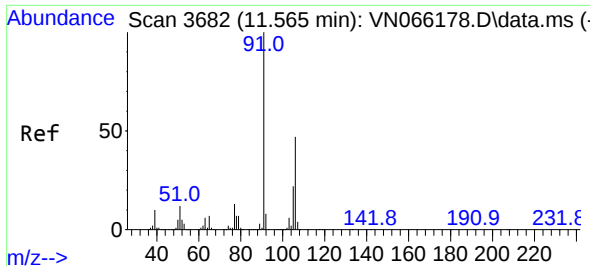
Tgt Ion: 117 Resp: 629418
Ion Ratio Lower Upper
117 100
82 60.5 49.0 73.6
119 31.7 25.7 38.5



Instrument :
MSVOA_N
ClientSampleId :
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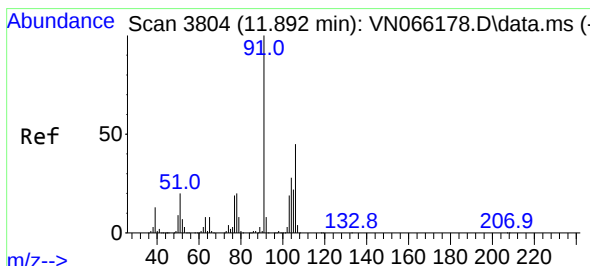
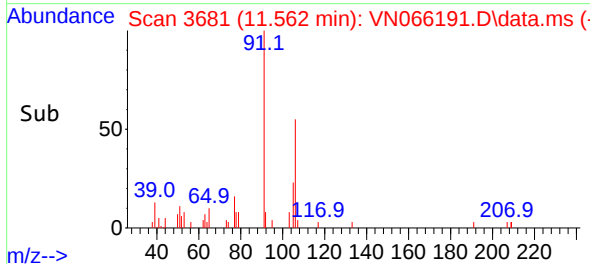
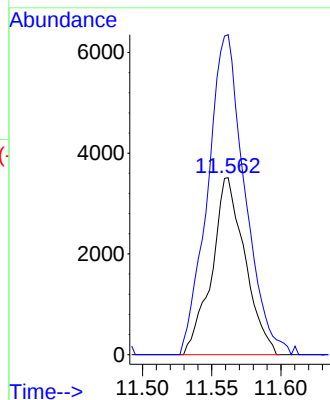
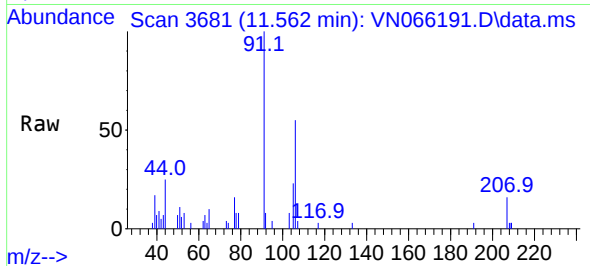
#68
m/p-Xylenes
Concen: 0.67 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.002 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

Tgt Ion:106 Resp: 5841
Ion Ratio Lower Upper
106 100
91 203.4 168.2 252.4

Instrument :
MSVOA_N
ClientSampleId :
COMP2-41732:34

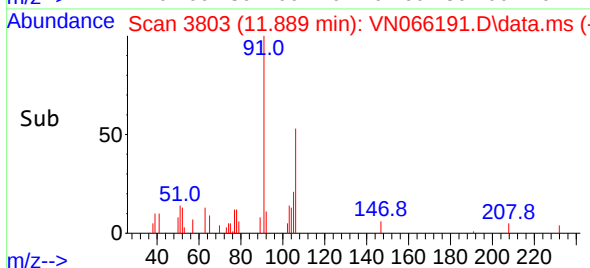
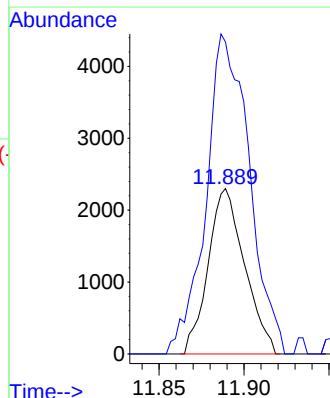
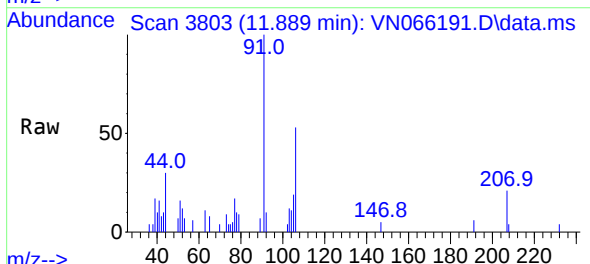
Manual Integrations
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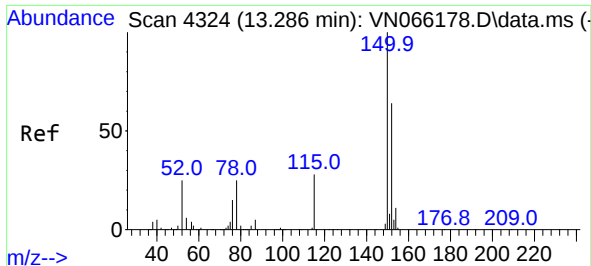
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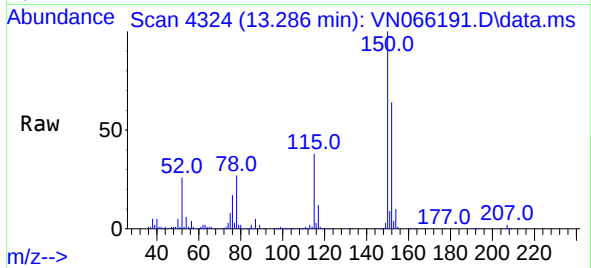
#69
o-Xylene
Concen: 0.41 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58

Tgt Ion:106 Resp: 3430
Ion Ratio Lower Upper
106 100
91 229.8 111.8 335.3

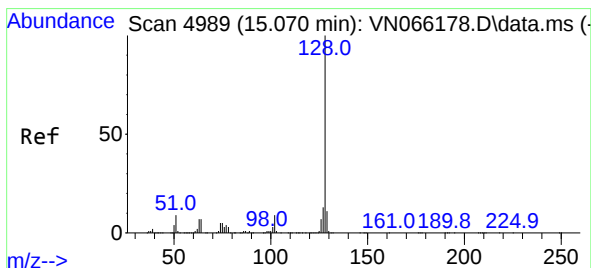
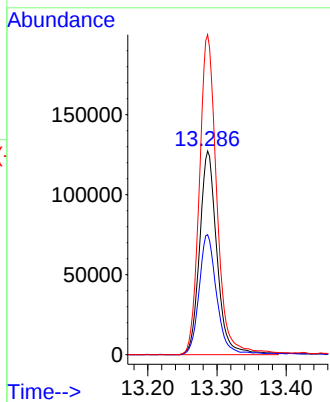
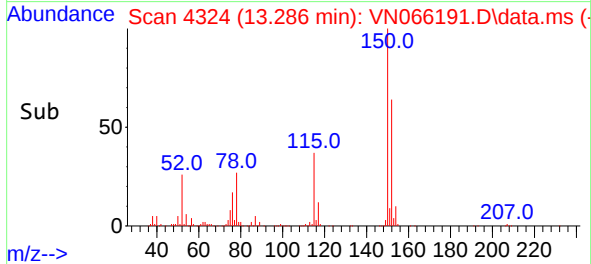




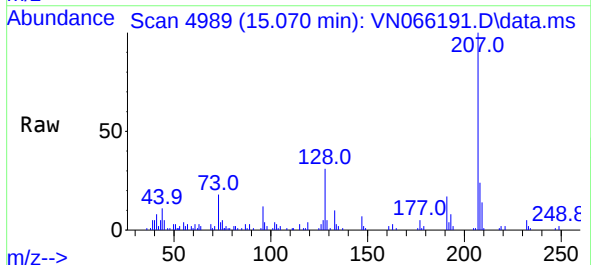
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58



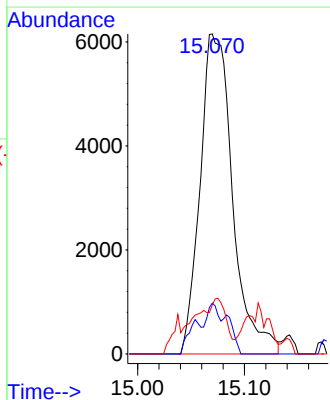
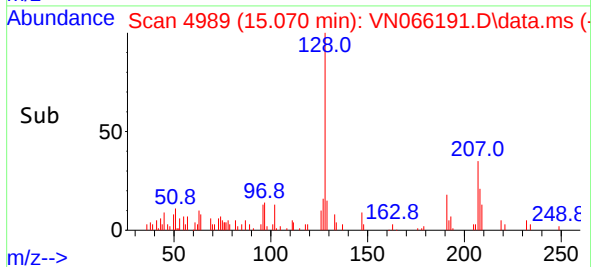
Tgt Ion:152 Resp: 222051
Ion Ratio Lower Upper
152 100
115 58.7 29.4 88.3
150 156.1 0.0 352.2



#95
Naphthalene
Concen: 2.95 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066191.D
Acq: 12 Mar 2021 18:58



Tgt Ion:128 Resp: 13017
Ion Ratio Lower Upper
128 100
127 2.9 10.3 15.5#
129 16.2 8.4 12.6#



Instrument :
MSVOA_N
ClientSampleId :
COMP2-41732:34

Manual Integrations
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