

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066193.D
 Acq On : 12 Mar 2021 19:43
 Operator : JC/MD
 Sample : M1647-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP5-30811:15

Manual Integrations
 APPROVED

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 3/15/2021 12:41:34 PM

Quant Time: Mar 13 02:44:07 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	465492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	724244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	622968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	261988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	339508	45.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.40%		
35) Dibromofluoromethane	7.509	113	232020	47.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.96%		
50) Toluene-d8	10.028	98	882910	44.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.22%		
62) 4-Bromofluorobenzene	12.345	95	289765	39.80	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	79.60%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.699	59	31961m	27.74	ug/l	
16) Acetone	3.739	43	156050	42.19	ug/l	99
18) Methyl Acetate	4.235	43	47960	5.18	ug/l	99
25) 2-Butanone	6.748	43	26280	4.64	ug/l	95
40) Benzene	7.965	78	1380059	59.60	ug/l	99
52) Toluene	10.092	92	915921	65.69	ug/l	100
67) Ethyl Benzene	11.455	91	191885	8.27	ug/l	100
68) m/p-Xylenes	11.559	106	446237	51.90	ug/l	98
69) o-Xylene	11.892	106	401483	48.08	ug/l	98
70) Styrene	11.905	104	153016	12.05	ug/l #	66
73) Isopropylbenzene	12.189	105	7072	0.36	ug/l	92
78) n-propylbenzene	12.535	91	27138	1.19	ug/l	91
80) 1,3,5-Trimethylbenzene	12.678	105	93946	5.70	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	364117	22.30	ug/l	100
95) Naphthalene	15.067	128	3587210	214.62	ug/l	99

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

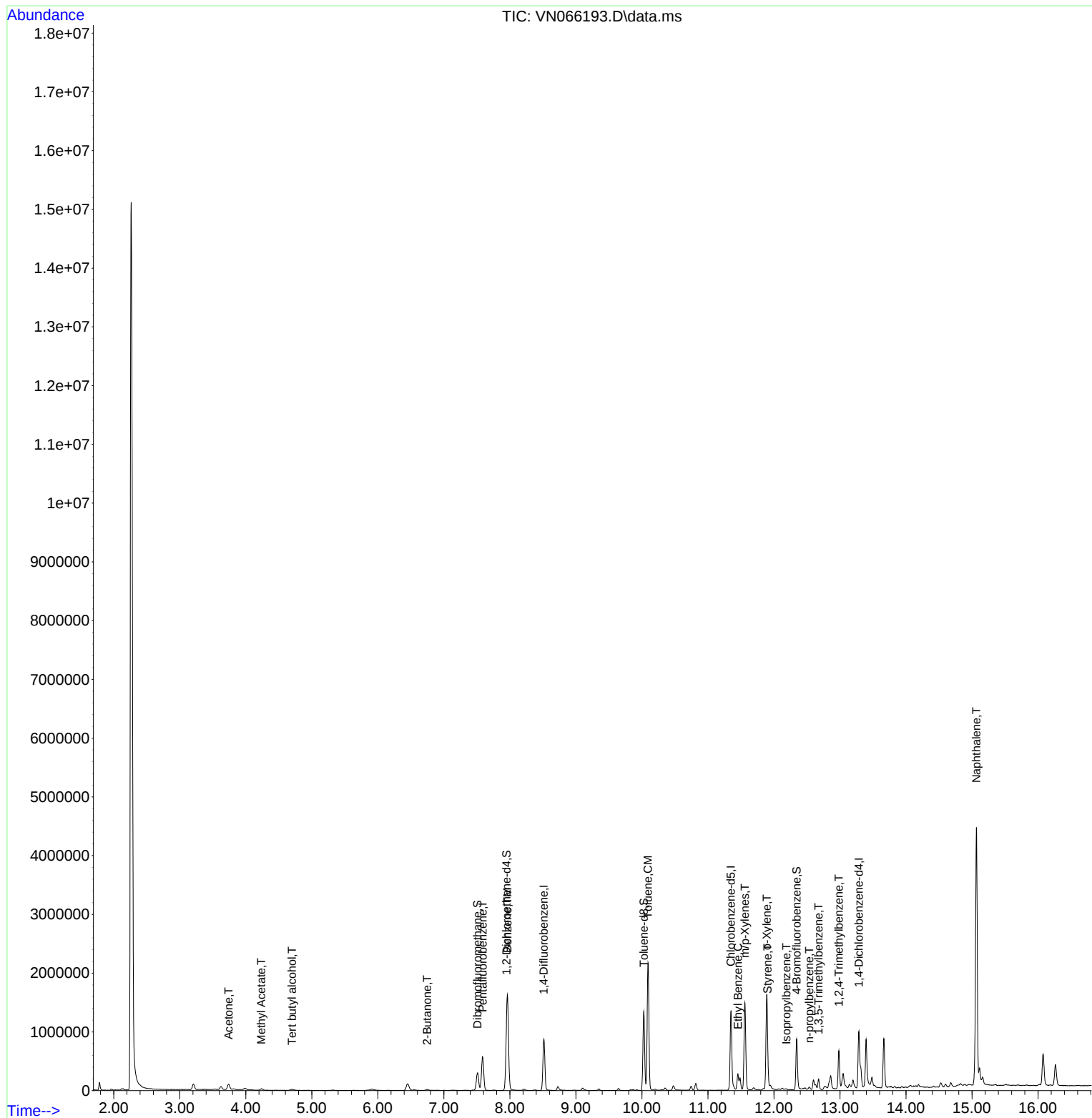
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
Data File : VN066193.D
Acq On : 12 Mar 2021 19:43
Operator : JC/MD
Sample : M1647-21
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ALS Vial : 20 Sample Multiplier: 1

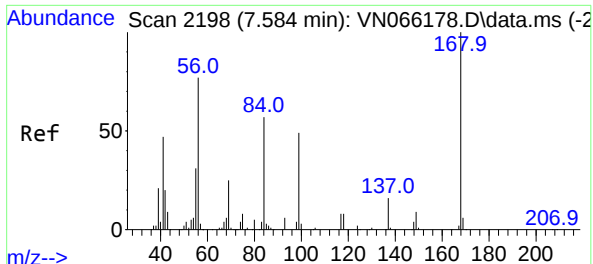
Instrument :
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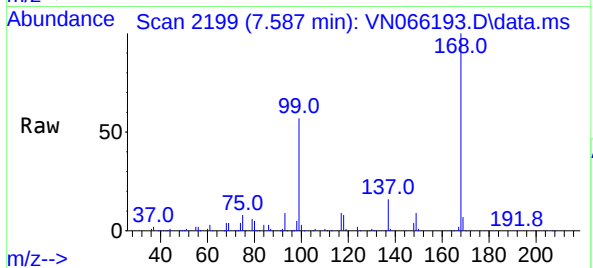
Quant Time: Mar 13 02:44:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 12 13:00:23 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

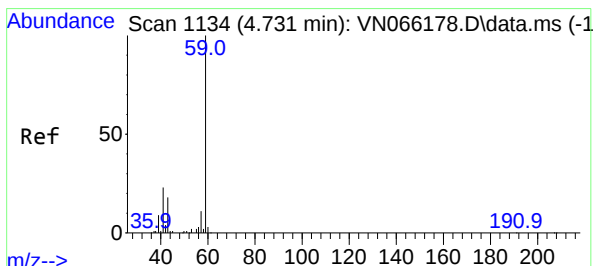
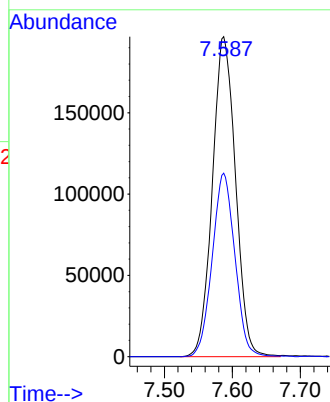
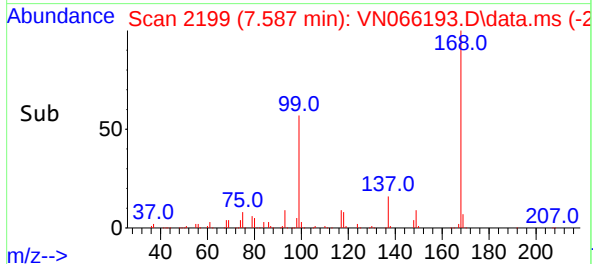
Instrument :
MSVOA_N
ClientSampleId :
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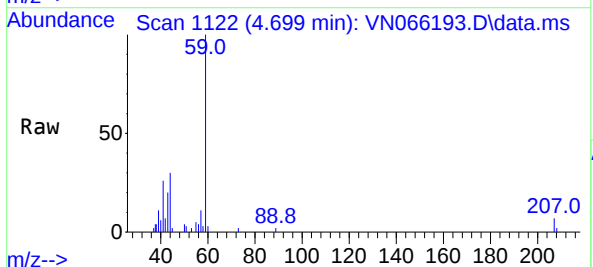
Tgt Ion:168 Resp: 465492
Ion Ratio Lower Upper
168 100
99 57.4 45.4 68.0

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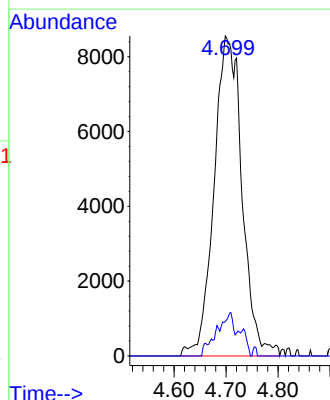
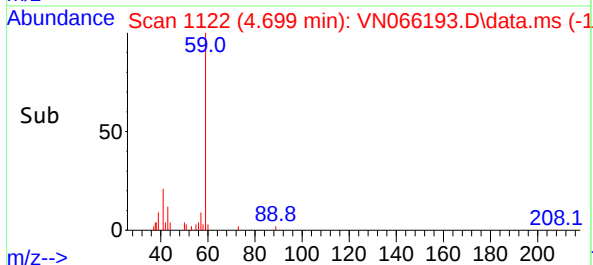
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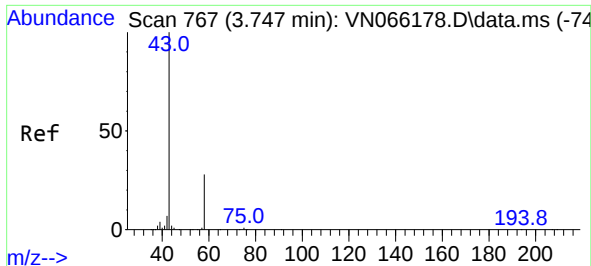


#11
Tert butyl alcohol
Concen: 27.74 ug/l m
RT: 4.699 min Scan# 1122
Delta R.T. -0.024 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43



Tgt Ion: 59 Resp: 31961
Ion Ratio Lower Upper
59 100
57 2.6 8.0 12.0#





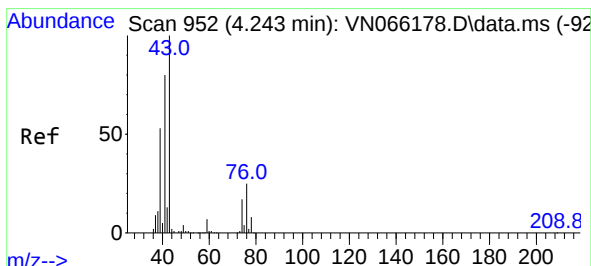
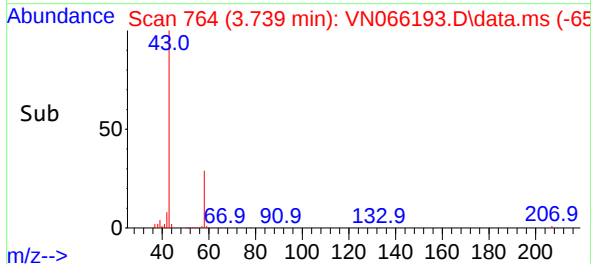
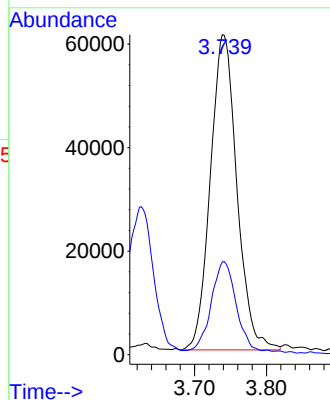
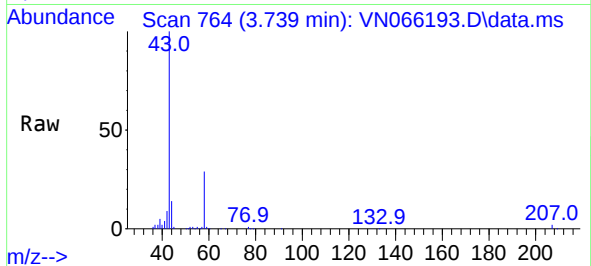
#16
Acetone
Concen: 42.19 ug/l
RT: 3.739 min Scan# 764
Delta R.T. -0.010 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion: 43 Resp: 156050
Ion Ratio Lower Upper
43 100
58 28.3 22.3 33.5

Instrument :
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ClientSampleId :
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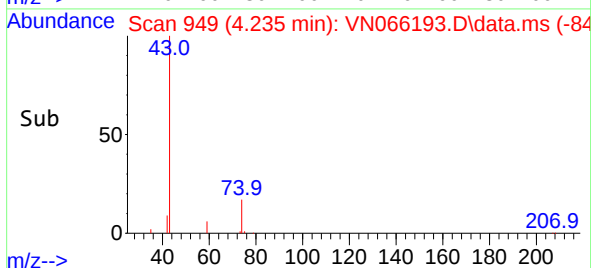
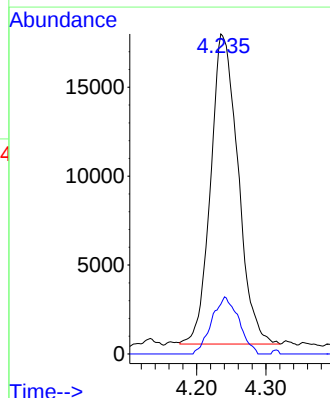
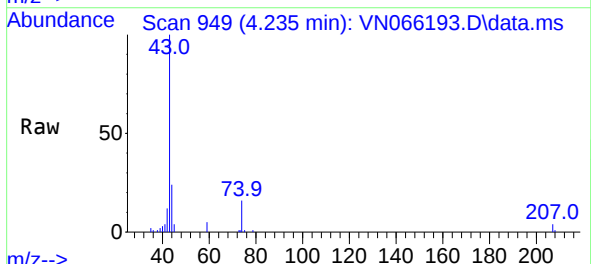
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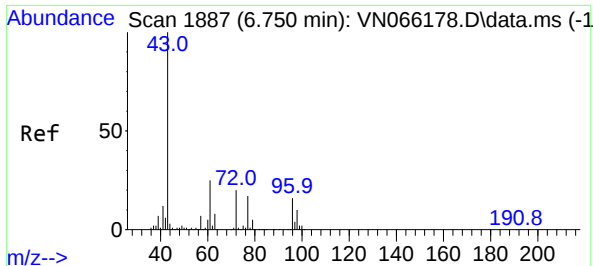
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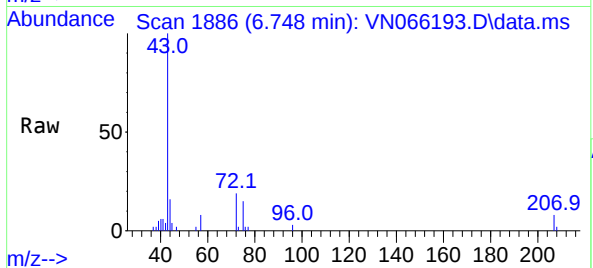
#18
Methyl Acetate
Concen: 5.18 ug/l
RT: 4.235 min Scan# 949
Delta R.T. -0.008 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion: 43 Resp: 47960
Ion Ratio Lower Upper
43 100
74 18.2 14.2 21.2

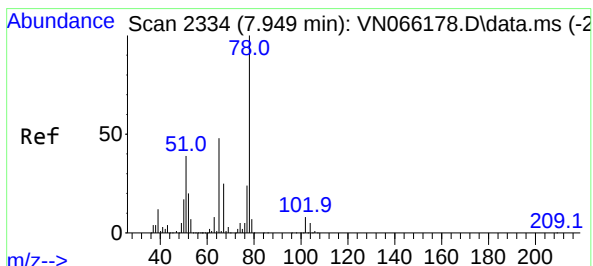
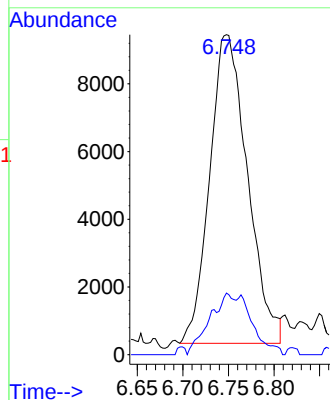
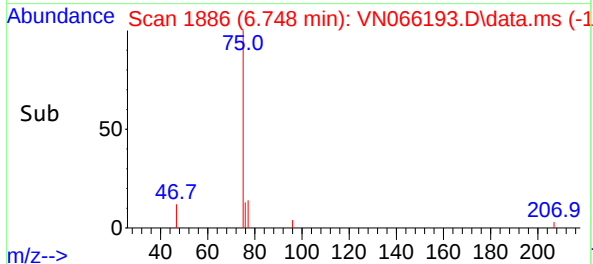




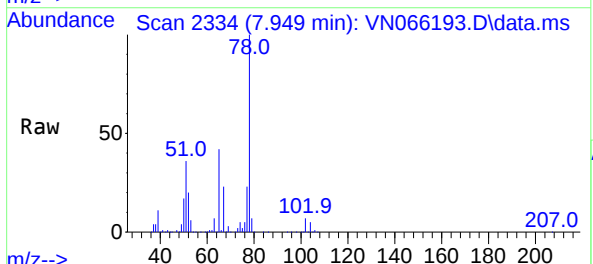
#25
2-Butanone
Concen: 4.64 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43



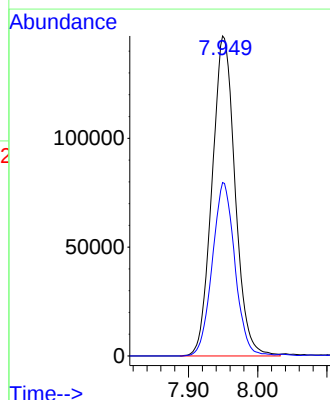
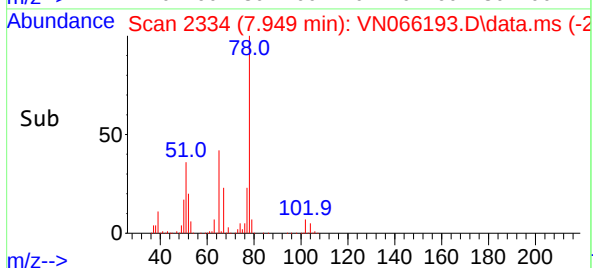
Tgt Ion: 43 Resp: 26280
Ion Ratio Lower Upper
43 100
72 18.0 16.2 24.2



#33
1,2-Dichloroethane-d4
Concen: 45.20 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43



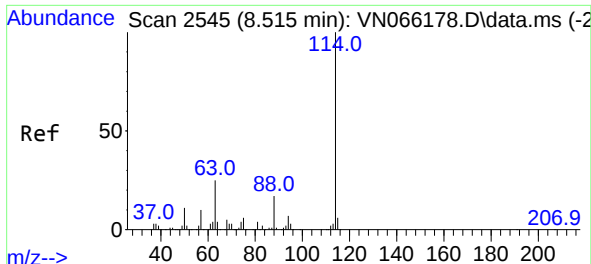
Tgt Ion: 65 Resp: 339508
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



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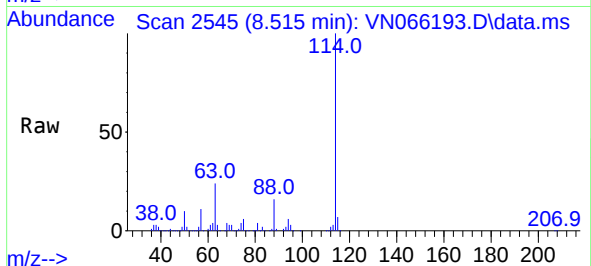
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

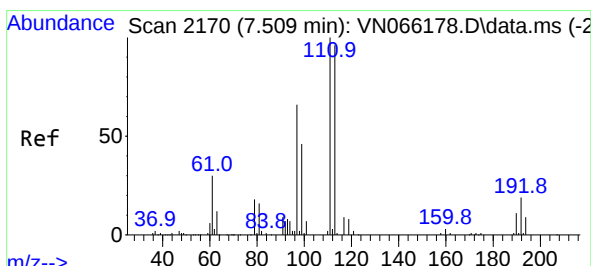
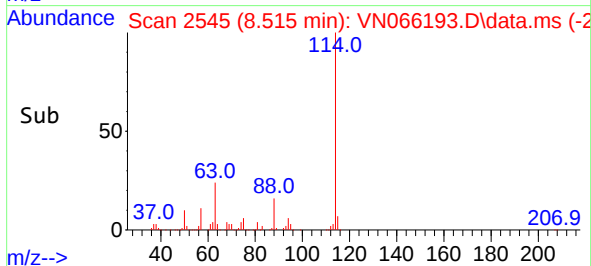
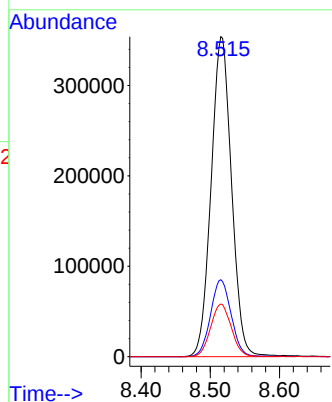
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:114 Resp: 724244
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 16.5 0.0 33.8

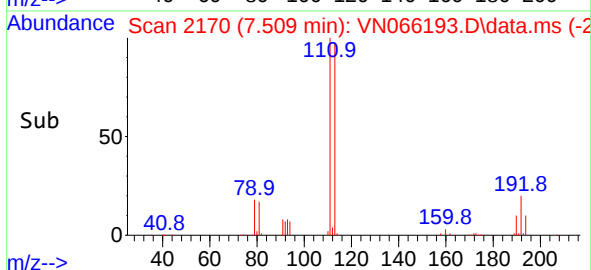
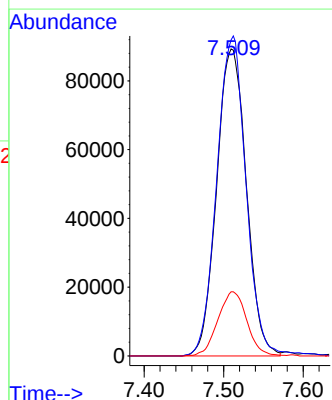
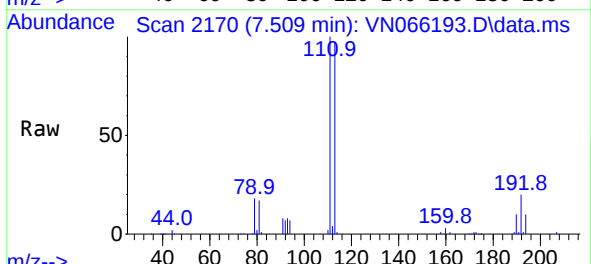
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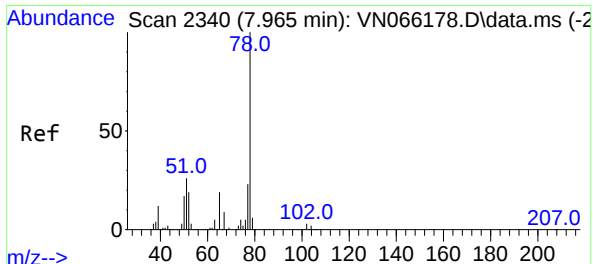
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#35
Dibromofluoromethane
Concen: 47.48 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

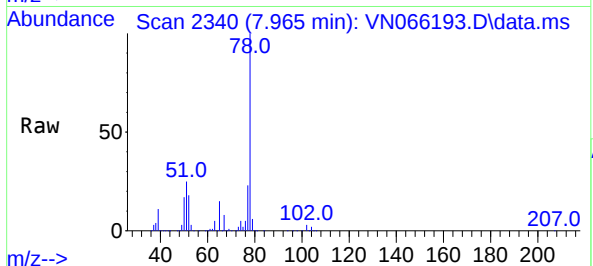
Tgt Ion:113 Resp: 232020
Ion Ratio Lower Upper
113 100
111 102.3 84.0 126.0
192 20.4 16.7 25.1





#40
Benzene
Concen: 59.60 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.000 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

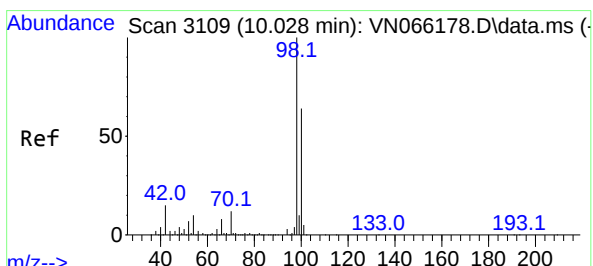
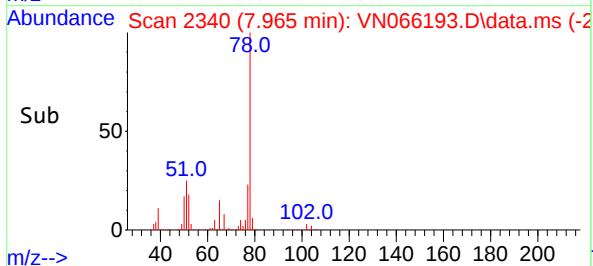
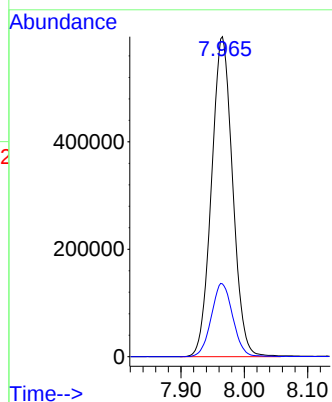
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Tgt Ion: 78 Resp: 1380059
Ion Ratio Lower Upper
78 100
77 22.8 18.5 27.7

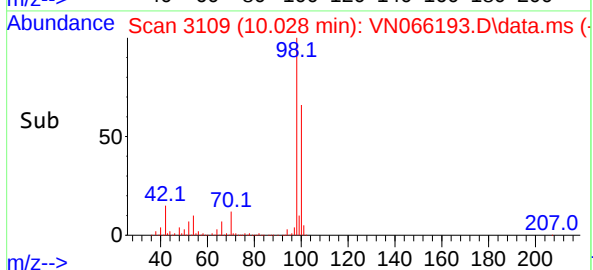
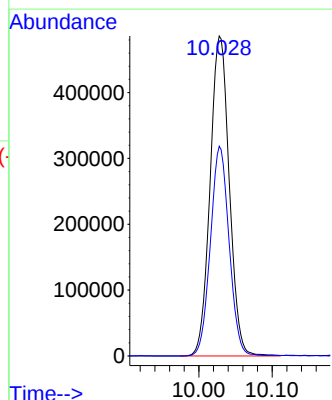
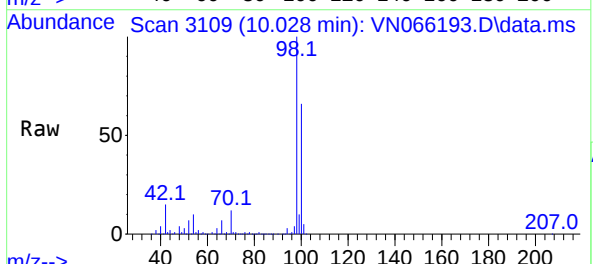
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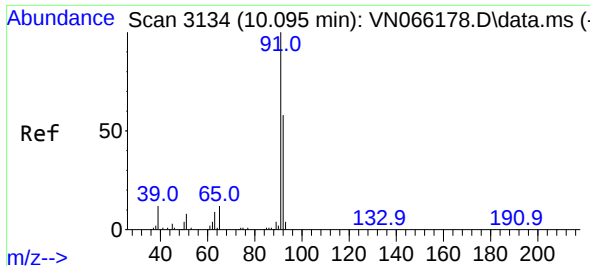
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#50
Toluene-d8
Concen: 44.61 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

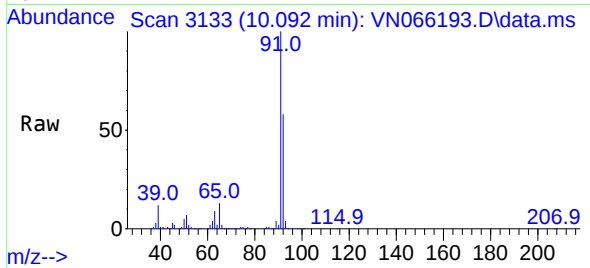
Tgt Ion: 98 Resp: 882910
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6





#52
Toluene
Concen: 65.69 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

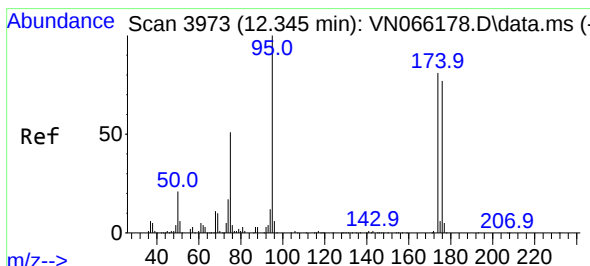
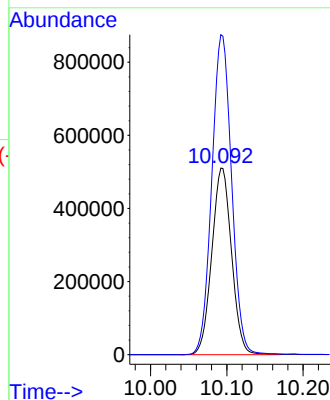
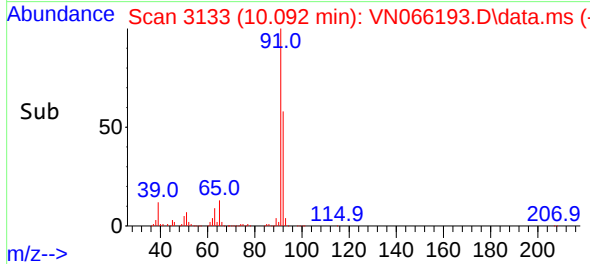
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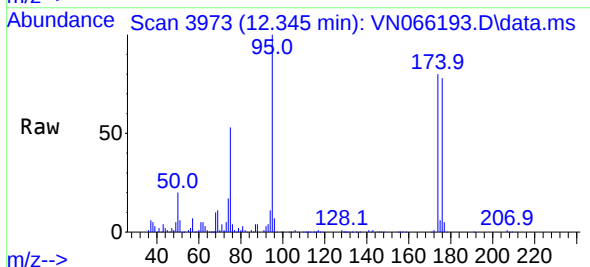
Tgt Ion: 92 Resp: 915921
Ion Ratio Lower Upper
92 100
91 172.3 137.5 206.3

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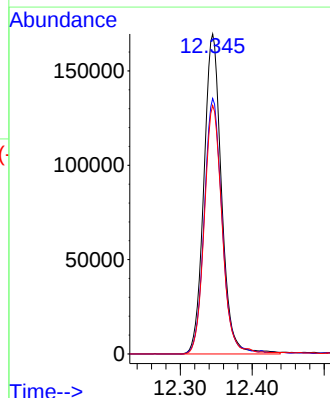
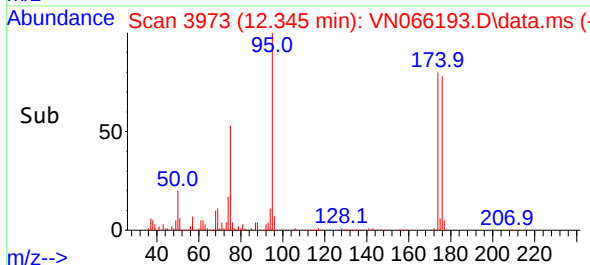
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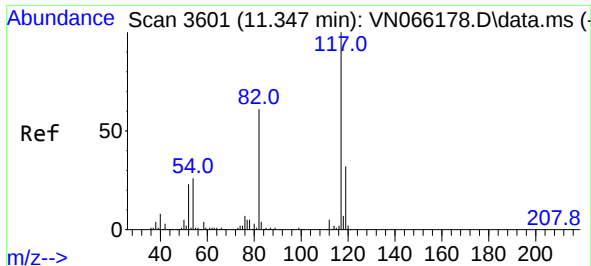


#62
4-Bromofluorobenzene
Concen: 39.80 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43



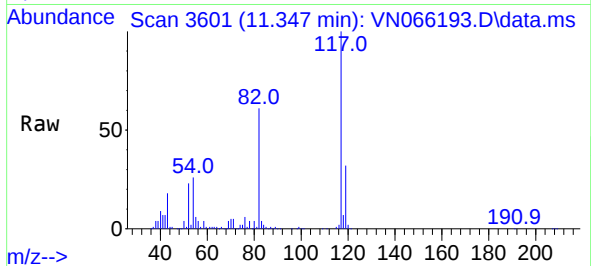
Tgt Ion: 95 Resp: 289765
Ion Ratio Lower Upper
95 100
174 80.5 0.0 162.4
176 78.4 0.0 156.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

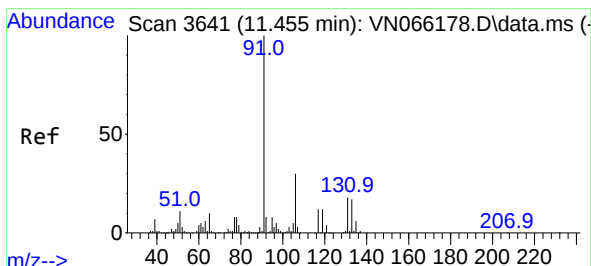
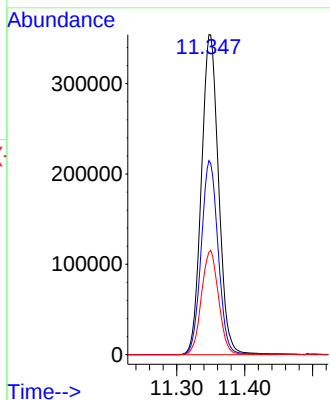
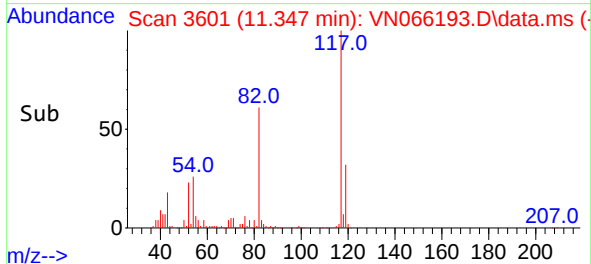
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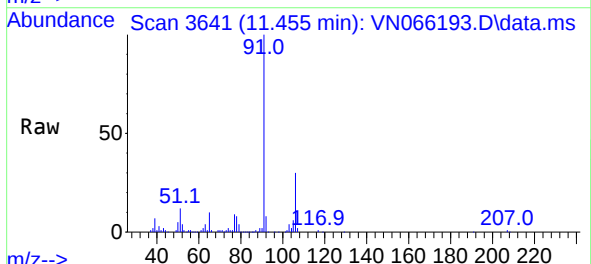
Tgt Ion:117 Resp: 622968
Ion Ratio Lower Upper
117 100
82 60.7 49.0 73.6
119 32.0 25.7 38.5

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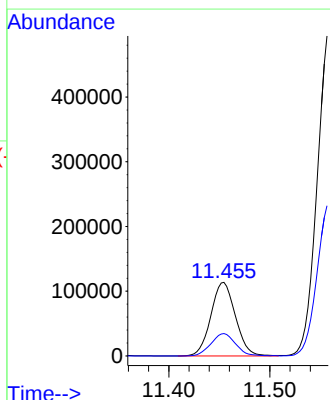
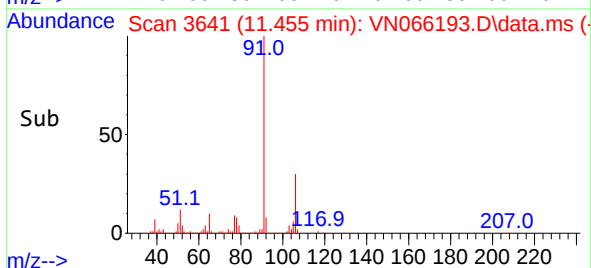
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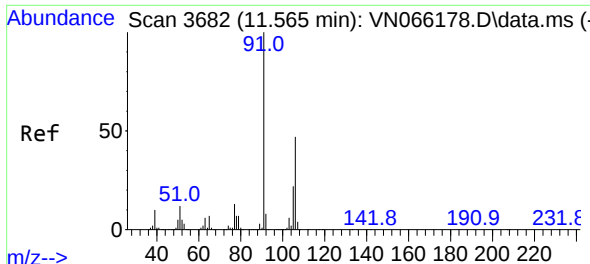


#67
Ethyl Benzene
Concen: 8.27 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43



Tgt Ion: 91 Resp: 191885
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2





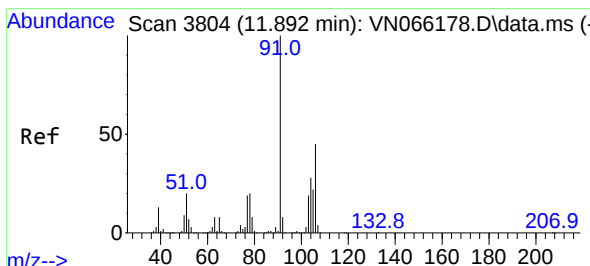
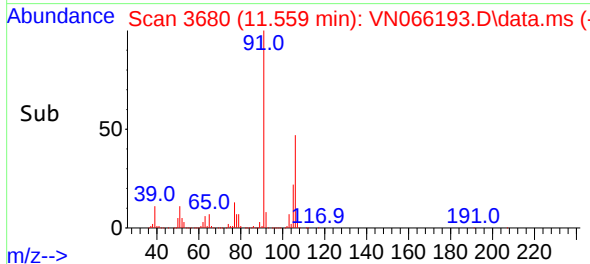
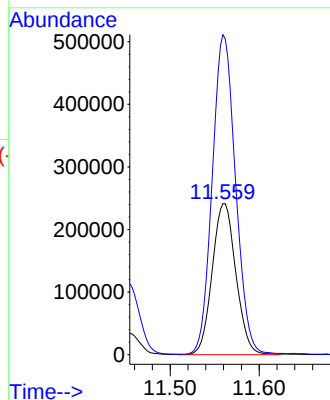
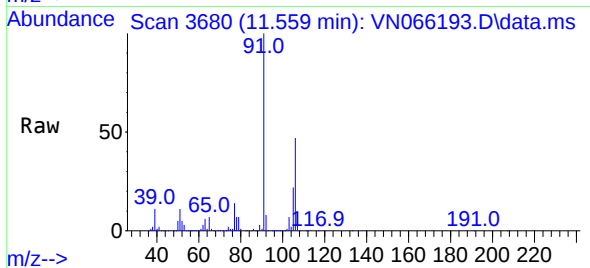
#68
m/p-Xylenes
Concen: 51.90 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.005 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion:106 Resp: 446237
Ion Ratio Lower Upper
106 100
91 207.8 168.2 252.4

Instrument :
MSVOA_N
ClientSampleId :
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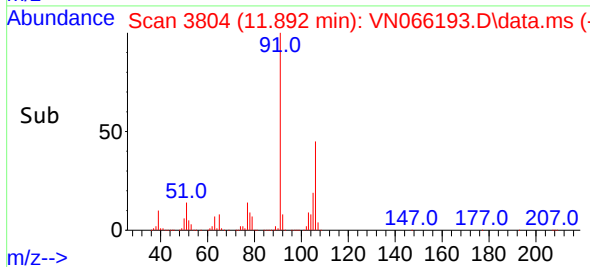
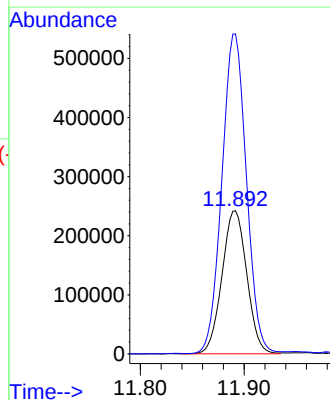
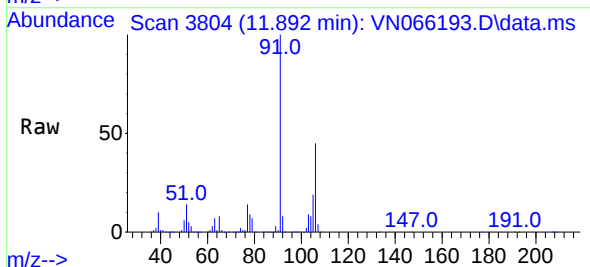
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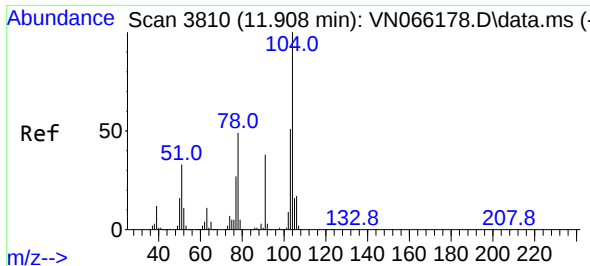
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#69
o-Xylene
Concen: 48.08 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion:106 Resp: 401483
Ion Ratio Lower Upper
106 100
91 220.6 111.8 335.3





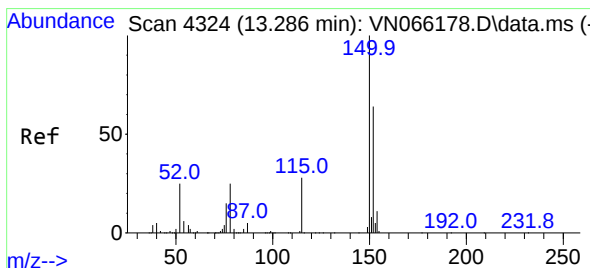
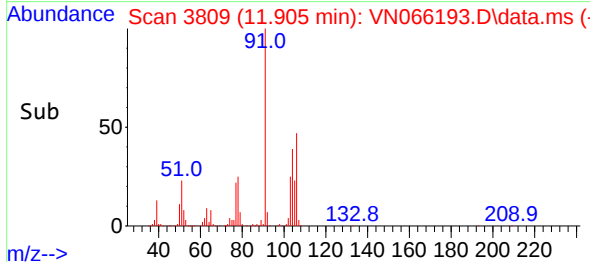
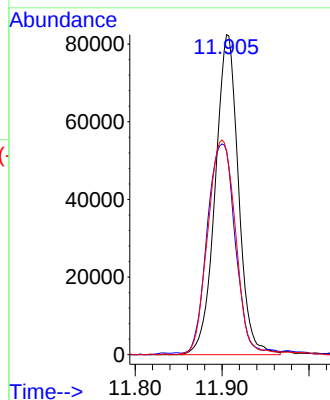
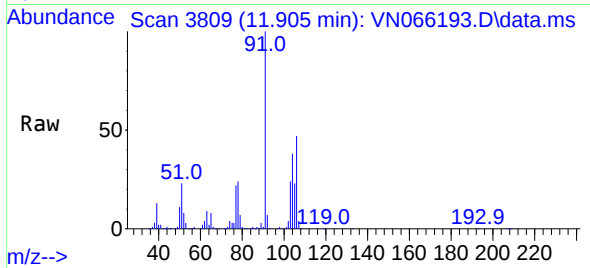
#70
Styrene
Concen: 12.05 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion:104 Resp: 153016
Ion Ratio Lower Upper
104 100
78 77.8 43.8 65.6#
103 80.2 43.7 65.5#

Instrument :
MSVOA_N
ClientSampleId :
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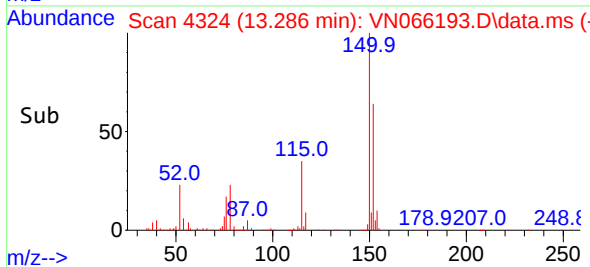
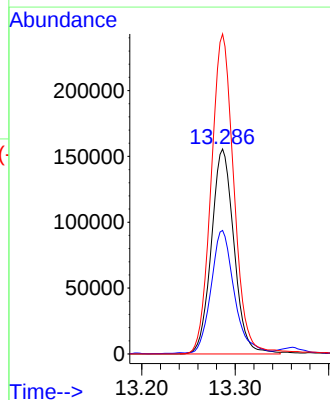
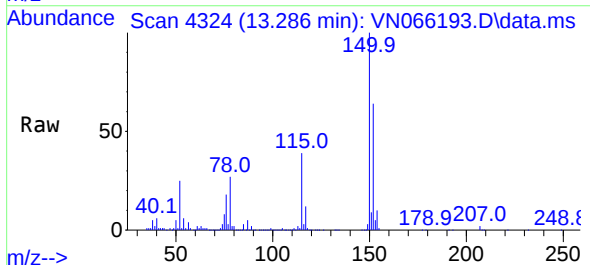
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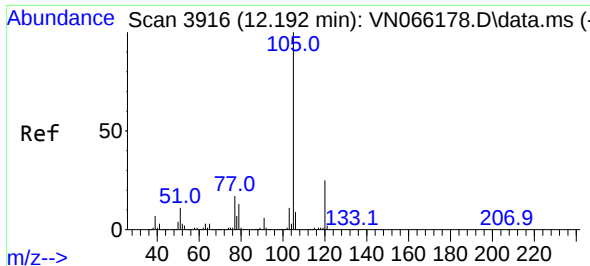
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion:152 Resp: 261988
Ion Ratio Lower Upper
152 100
115 61.1 29.4 88.3
150 157.9 0.0 352.2





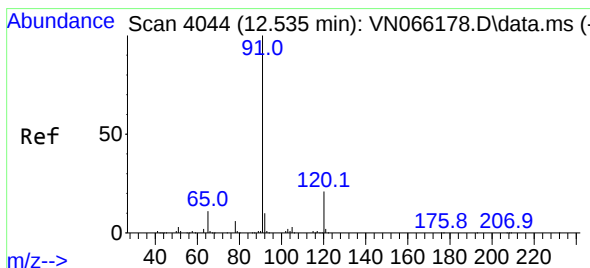
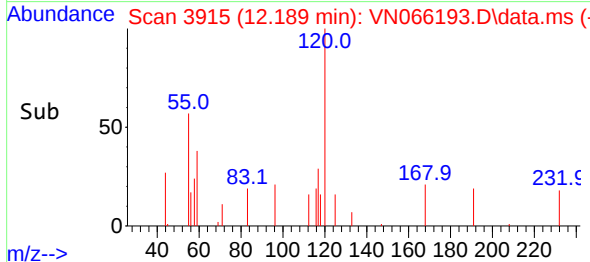
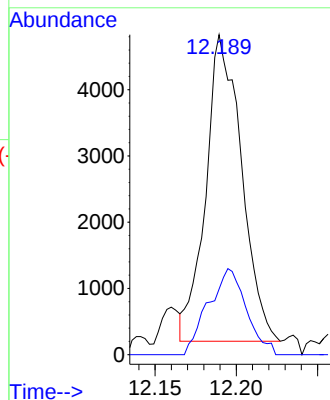
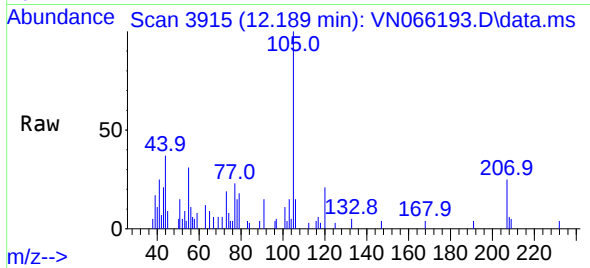
#73
Isopropylbenzene
Concen: 0.36 ug/l
RT: 12.189 min Scan# 3915
Delta R.T. -0.006 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion: 105 Resp: 7072
Ion Ratio Lower Upper
105 100
120 29.8 12.8 38.3

Instrument :
MSVOA_N
ClientSampleId :
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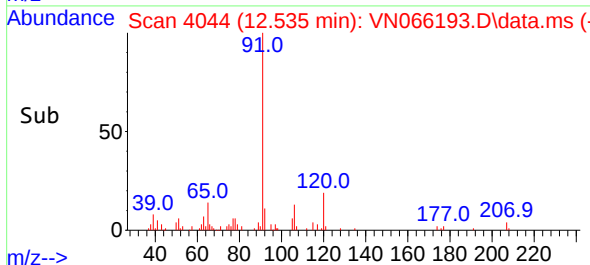
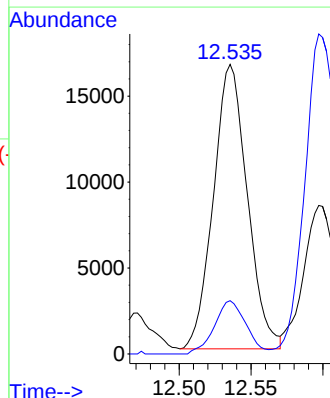
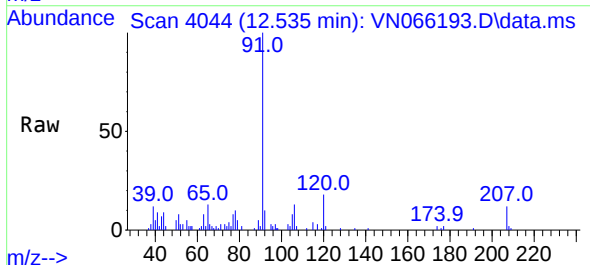
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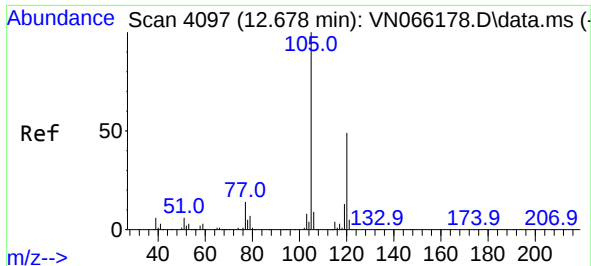
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#78
n-propylbenzene
Concen: 1.19 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

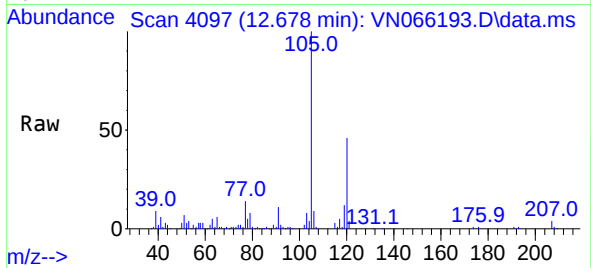
Tgt Ion: 91 Resp: 27138
Ion Ratio Lower Upper
91 100
120 17.4 10.8 32.4





#80
1,3,5-Trimethylbenzene
Concen: 5.70 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

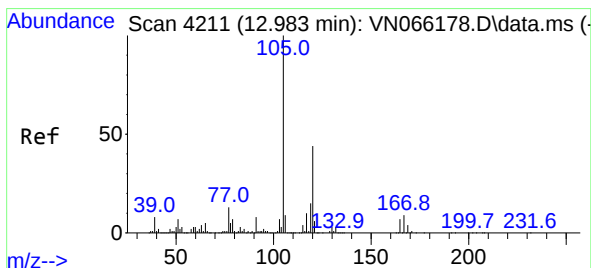
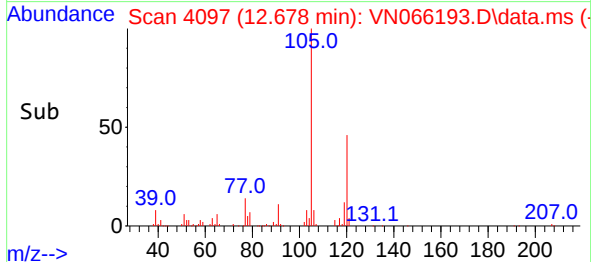
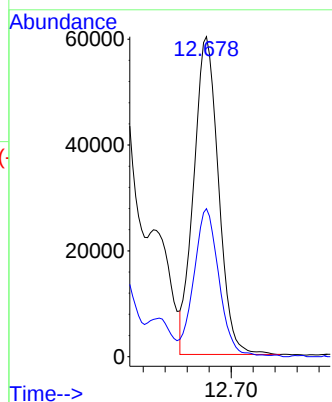
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:105 Resp: 93946
Ion Ratio Lower Upper
105 100
120 46.5 23.9 71.8

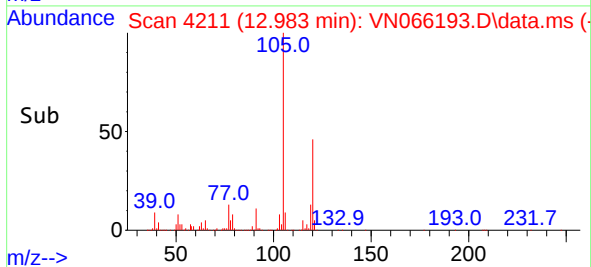
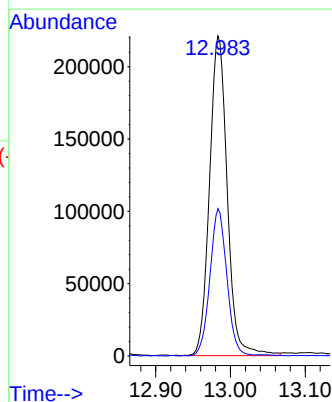
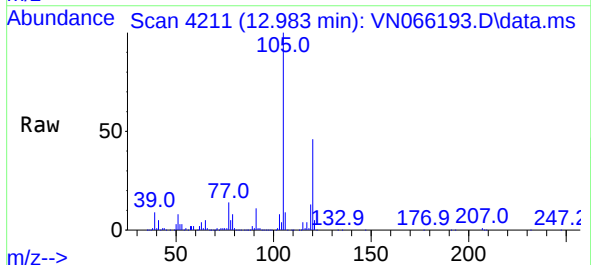
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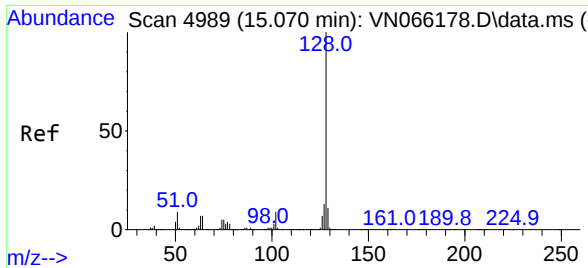
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#84
1,2,4-Trimethylbenzene
Concen: 22.30 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion:105 Resp: 364117
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5





#95
Naphthalene
Concen: 214.62 ug/l
RT: 15.067 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN066193.D
Acq: 12 Mar 2021 19:43

Tgt Ion:128 Resp: 3587210

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.2	8.4	12.6

Instrument :
MSVOA_N
ClientSampleId :
COMP5-30811:15

Manual Integrations
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