

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066190.D
 Acq On : 12 Mar 2021 18:35
 Operator : JC/MD
 Sample : M1647-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP1-41730:31

Quant Time: Mar 13 02:42:59 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)

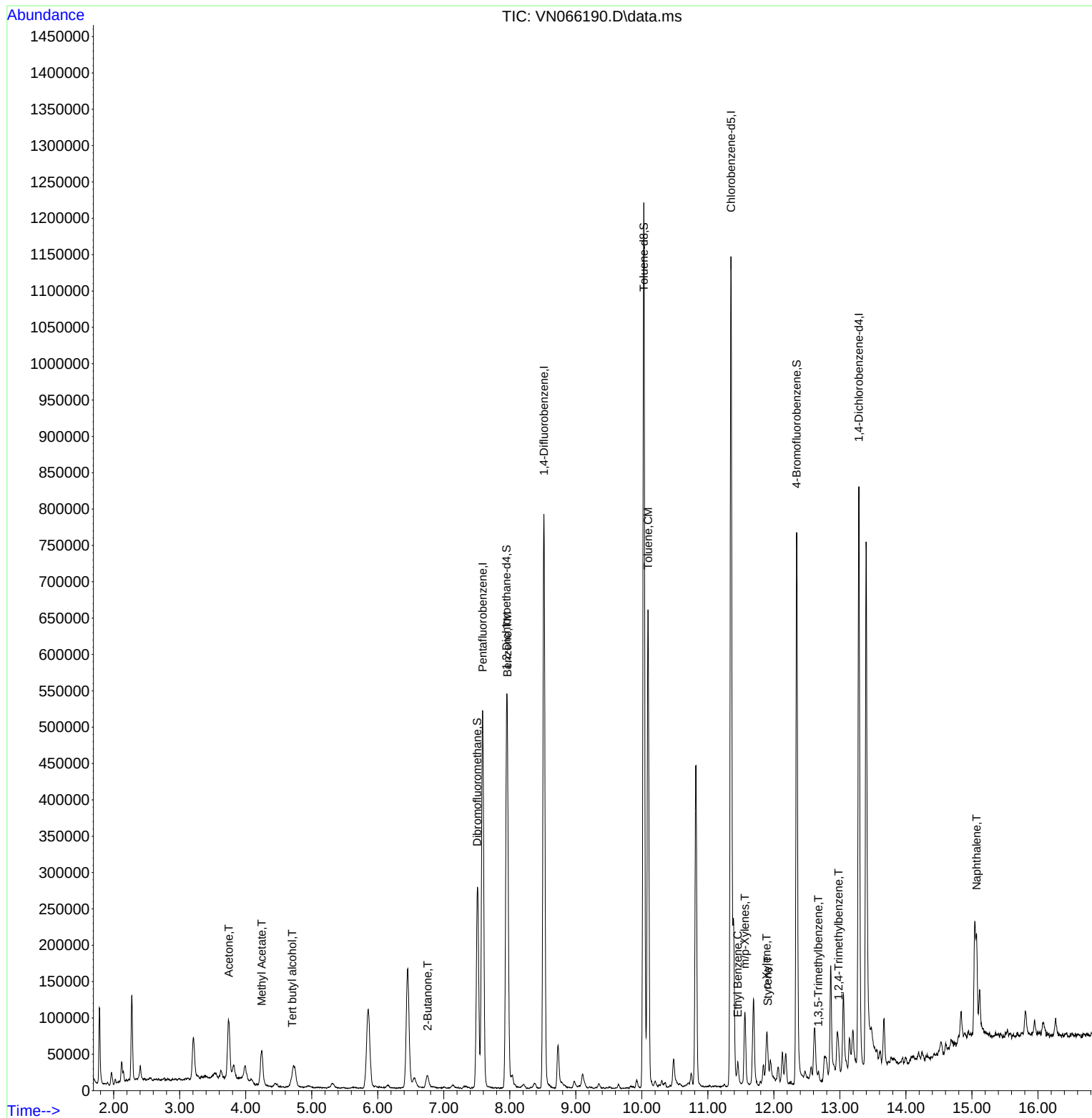
Internal Standards						
1) Pentafluorobenzene	7.590	168	428371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	664493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	567170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	226698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	320328	46.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.70%
35) Dibromofluoromethane	7.507	113	214295	47.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.60%
50) Toluene-d8	10.028	98	806567	44.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.84%
62) 4-Bromofluorobenzene	12.345	95	256542	38.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	76.80%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.704	59	26753	25.23	ug/l #	81
16) Acetone	3.741	43	139031	40.57	ug/l	98
18) Methyl Acetate	4.243	43	94755	11.12	ug/l	100
25) 2-Butanone	6.753	43	30463	5.84	ug/l	99
40) Benzene	7.963	78	240243	11.31	ug/l	100
52) Toluene	10.095	92	270054	21.11	ug/l	99
67) Ethyl Benzene	11.452	91	16995	0.80	ug/l	96
68) m/p-Xylenes	11.562	106	30410	3.89	ug/l	99
69) o-Xylene	11.889	106	14853	1.95	ug/l	97
70) Styrene	11.908	104	17071	3.90	ug/l	95
80) 1,3,5-Trimethylbenzene	12.675	105	4863	0.34	ug/l	90
84) 1,2,4-Trimethylbenzene	12.981	105	11534	0.82	ug/l	97
95) Naphthalene	15.070	128	101188	8.97	ug/l #	94

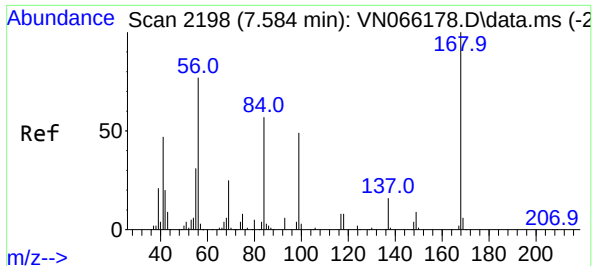
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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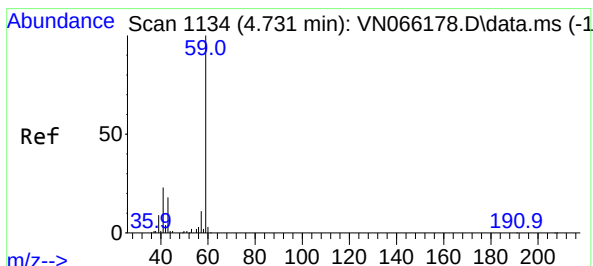
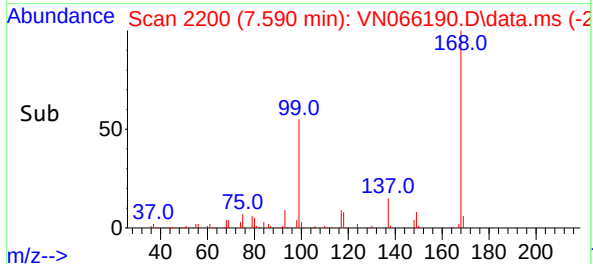
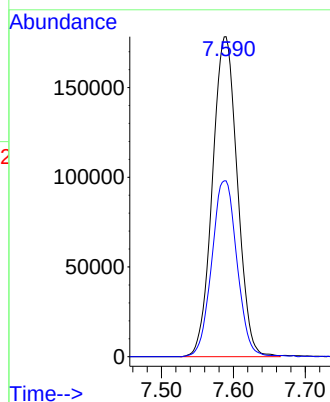
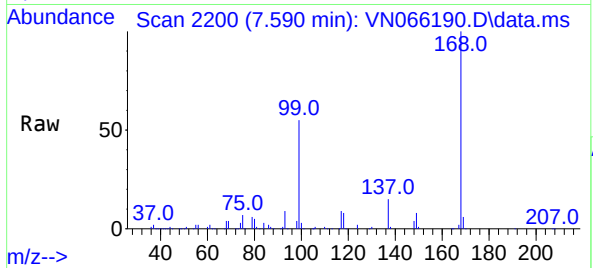




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.590 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

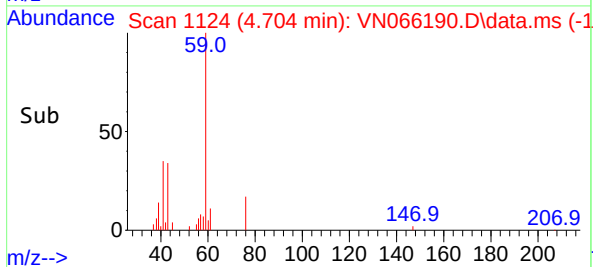
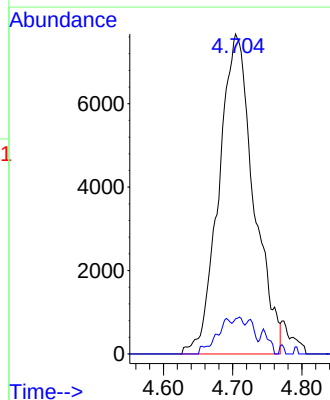
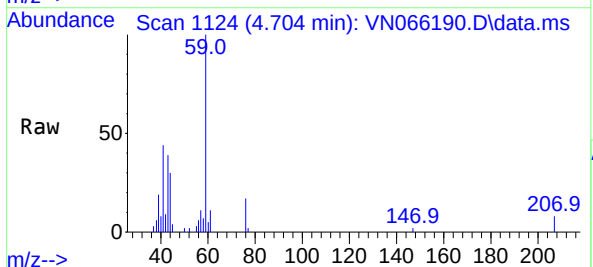
Instrument :
MSVOA_N
ClientSampleId :
COMP1-41730:31

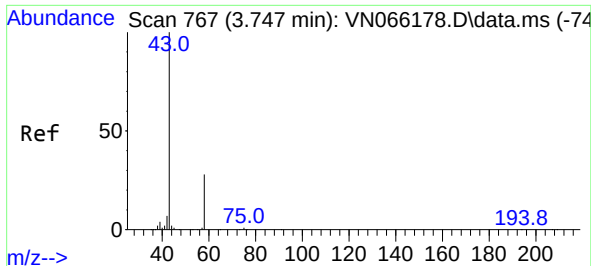
Tgt Ion:168 Resp: 428371
Ion Ratio Lower Upper
168 100
99 54.9 45.4 68.0



#11
Tert butyl alcohol
Concen: 25.23 ug/l
RT: 4.704 min Scan# 1124
Delta R.T. -0.019 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion: 59 Resp: 26753
Ion Ratio Lower Upper
59 100
57 2.9 8.0 12.0#

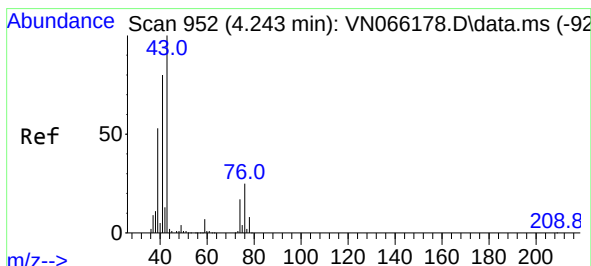
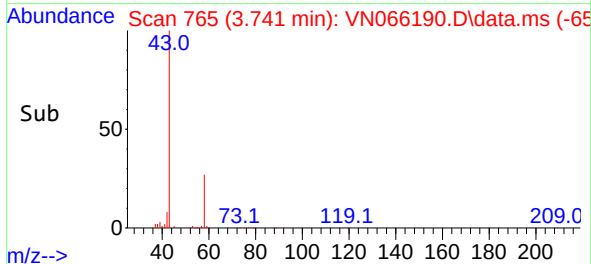
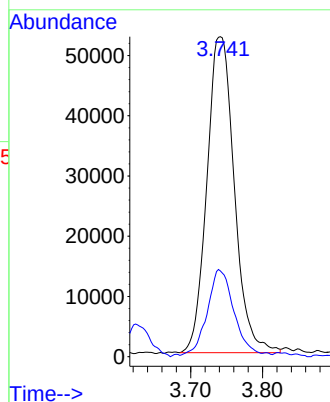
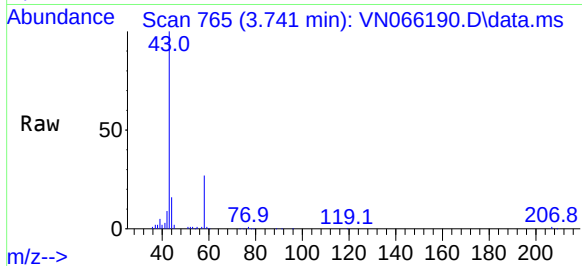




#16
Acetone
Concen: 40.57 ug/l
RT: 3.741 min Scan# 765
Delta R.T. -0.008 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

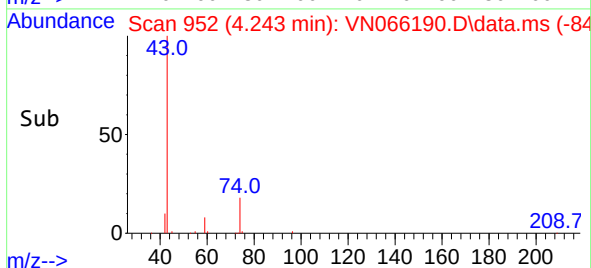
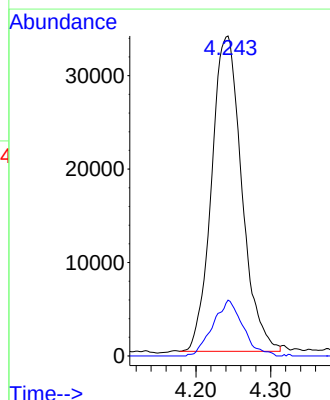
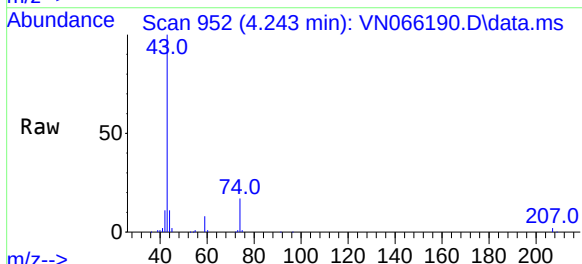
Instrument :
MSVOA_N
ClientSampleId :
COMP1-41730:31

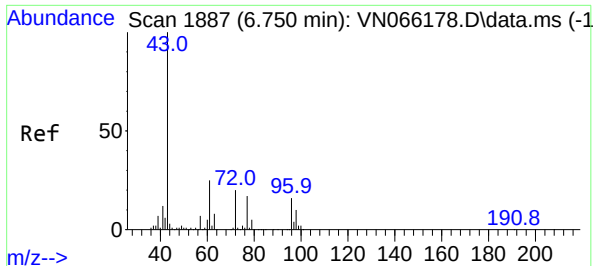
Tgt Ion: 43 Resp: 139031
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5



#18
Methyl Acetate
Concen: 11.12 ug/l
RT: 4.243 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion: 43 Resp: 94755
Ion Ratio Lower Upper
43 100
74 17.7 14.2 21.2

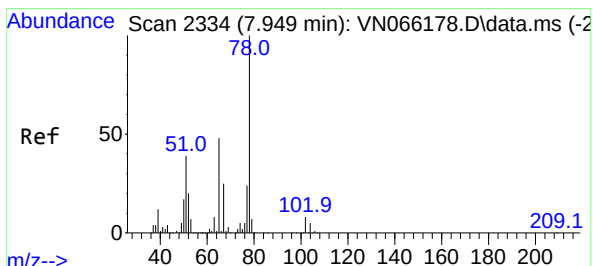
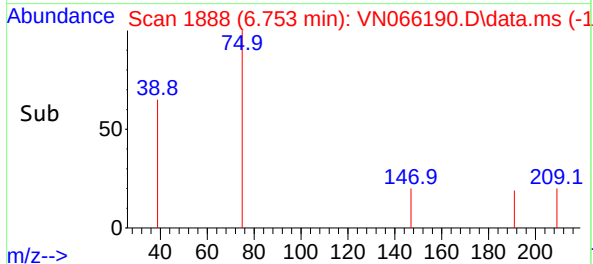
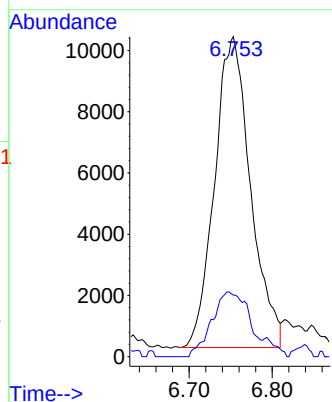
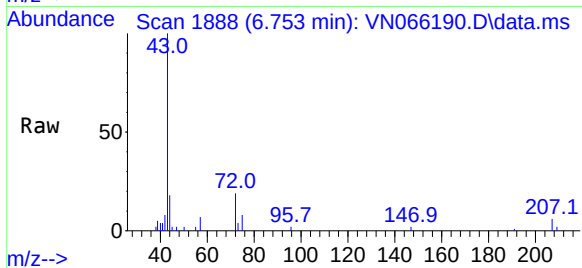




#25
2-Butanone
Concen: 5.84 ug/l
RT: 6.753 min Scan# 1888
Delta R.T. 0.003 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

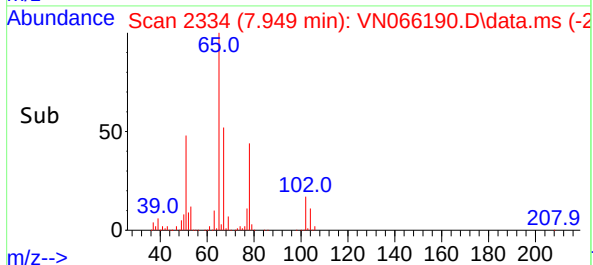
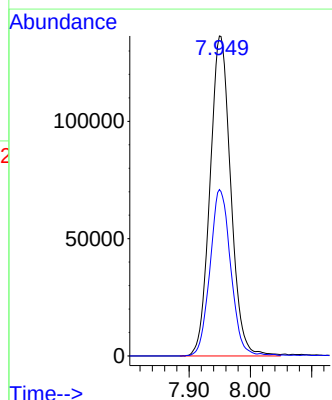
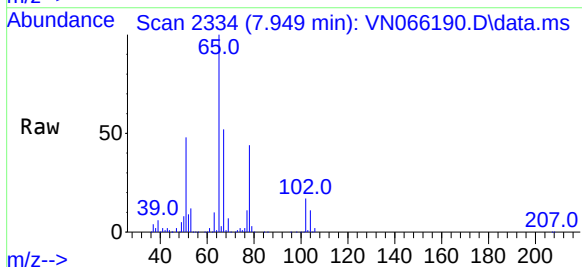
Instrument :
MSVOA_N
ClientSampleId :
COMP1-41730:31

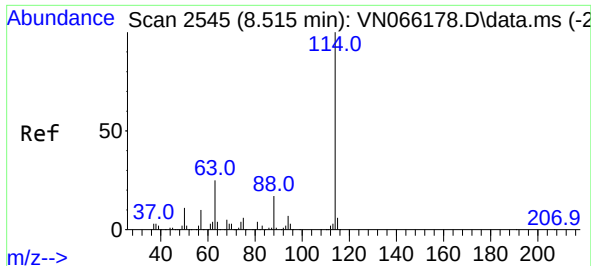
Tgt Ion: 43 Resp: 30463
Ion Ratio Lower Upper
43 100
72 19.8 16.2 24.2



#33
1,2-Dichloroethane-d4
Concen: 46.35 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion: 65 Resp: 320328
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.2



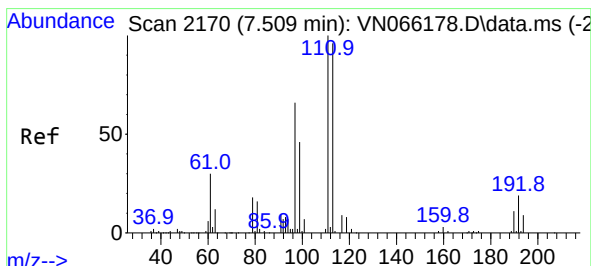
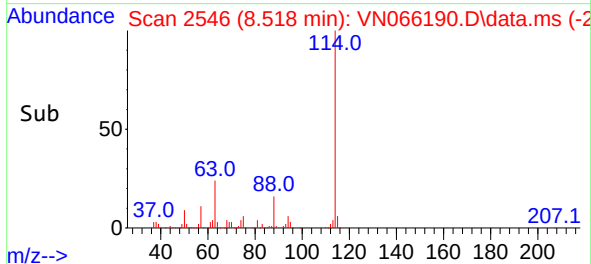
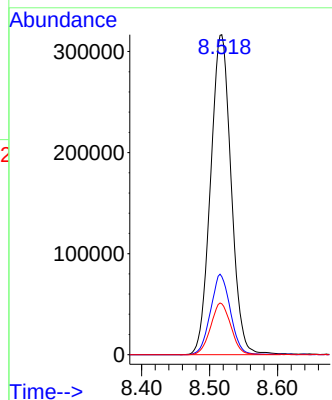
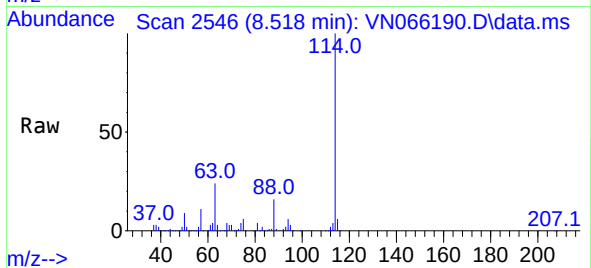


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.518 min Scan# 2546
Delta R.T. -0.000 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Instrument :
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COMP1-41730:31

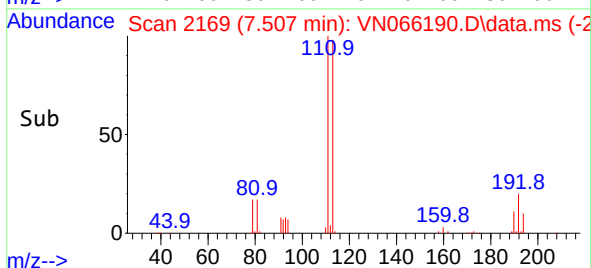
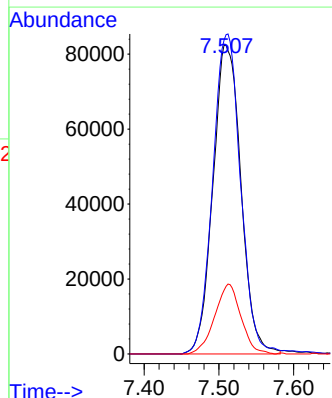
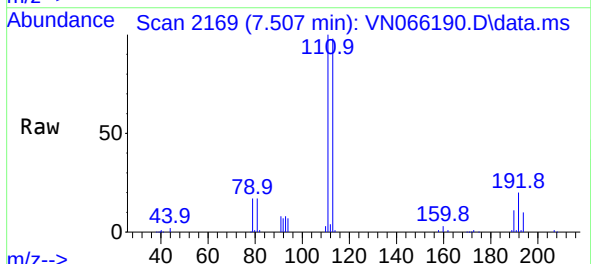
Tgt Ion:114 Resp: 664493
Ion Ratio Lower Upper
114 100
63 24.4 0.0 49.2
88 15.9 0.0 33.8

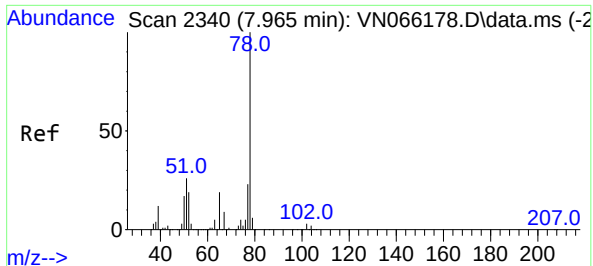


#35

Dibromofluoromethane
Concen: 47.80 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion:113 Resp: 214295
Ion Ratio Lower Upper
113 100
111 103.3 84.0 126.0
192 21.2 16.7 25.1

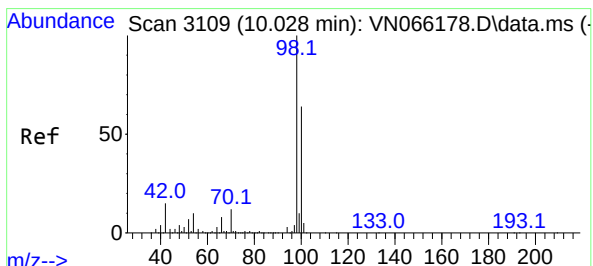
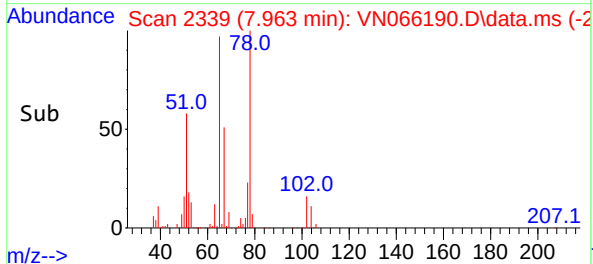
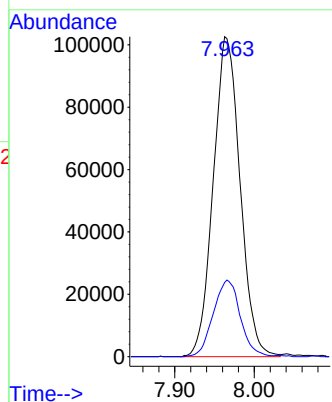
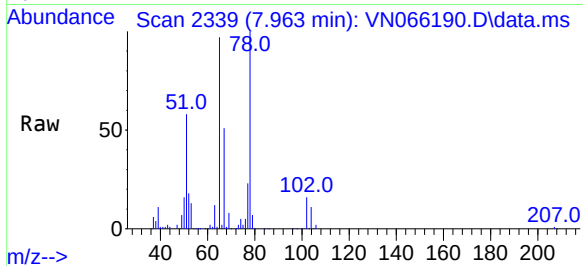




#40
Benzene
Concen: 11.31 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.002 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

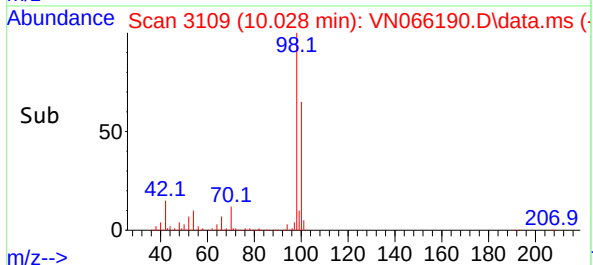
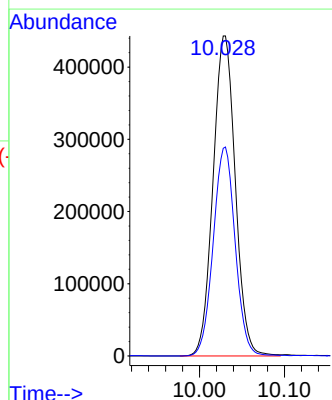
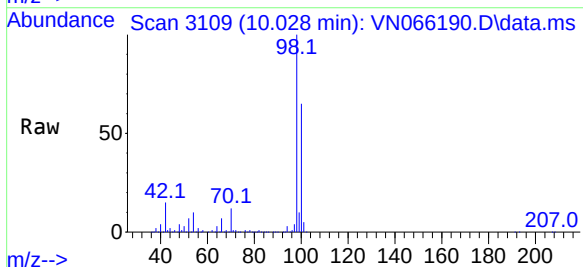
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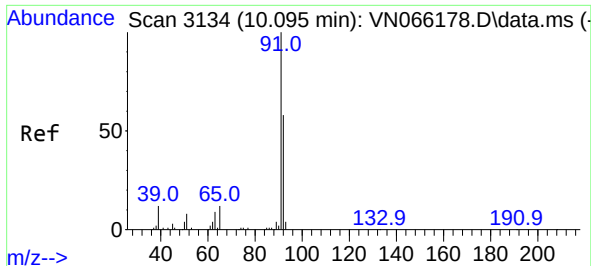
Tgt Ion: 78 Resp: 240243
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7



#50
Toluene-d8
Concen: 44.42 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion: 98 Resp: 806567
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.6

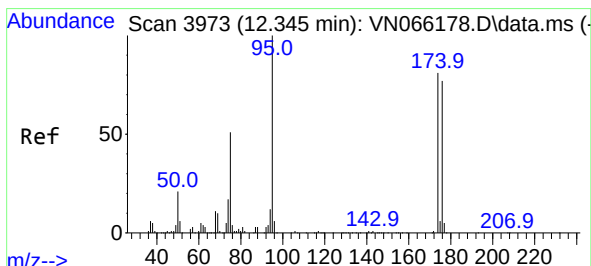
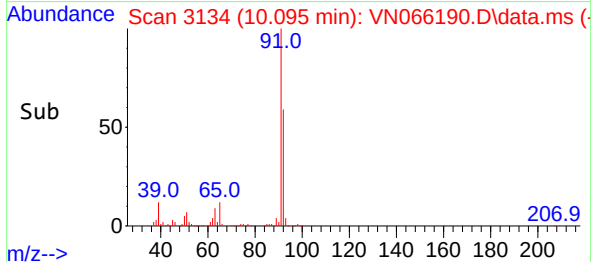
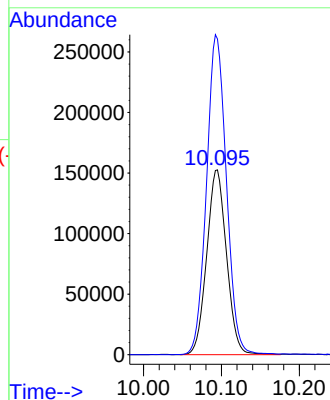
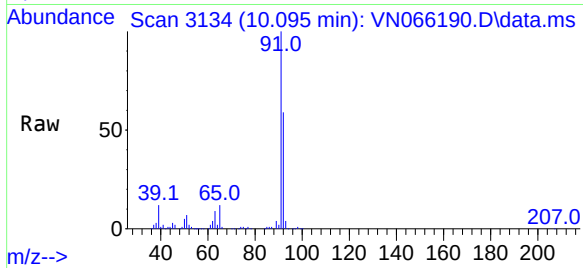




#52
Toluene
Concen: 21.11 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

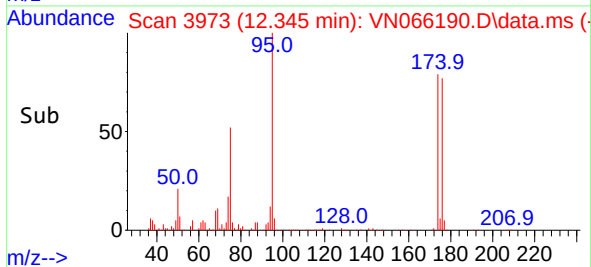
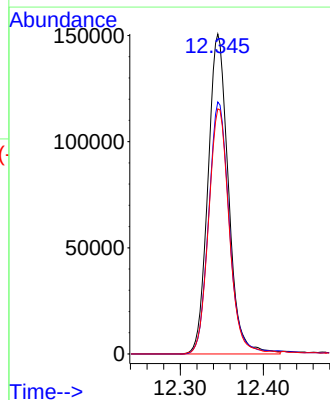
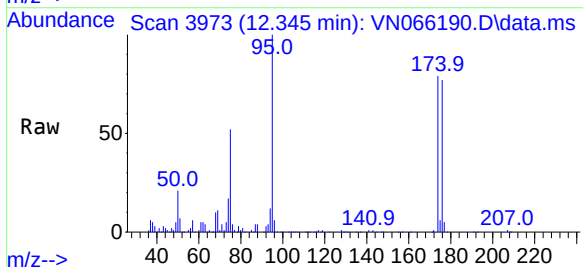
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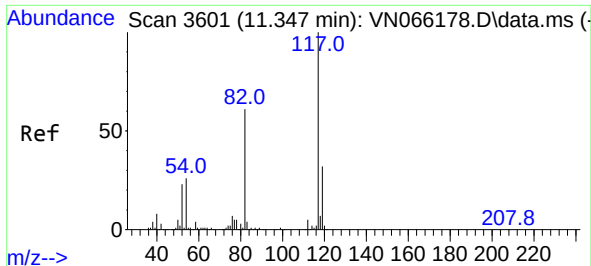
Tgt Ion: 92 Resp: 270054
Ion Ratio Lower Upper
92 100
91 173.8 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 38.40 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion: 95 Resp: 256542
Ion Ratio Lower Upper
95 100
174 79.5 0.0 162.4
176 77.3 0.0 156.2

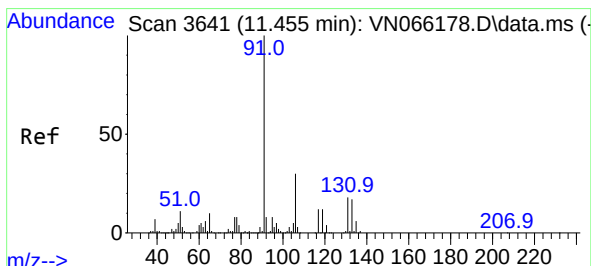
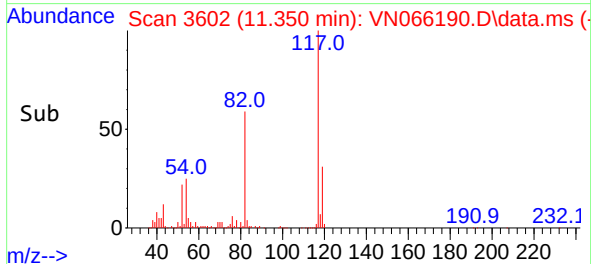
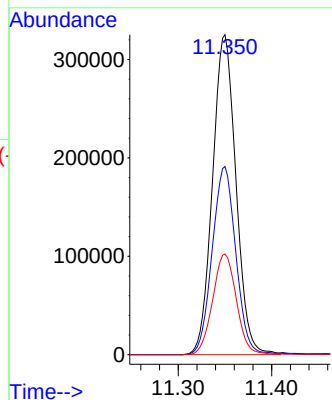
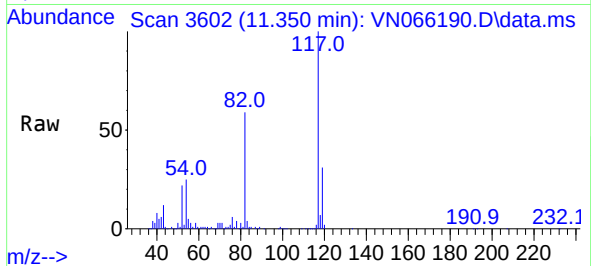




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

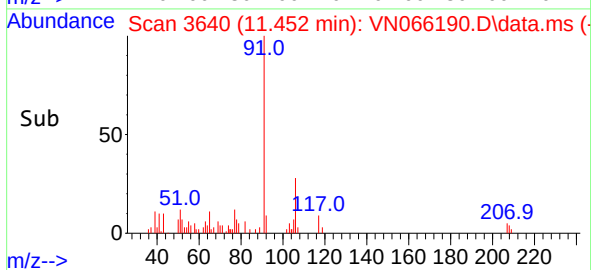
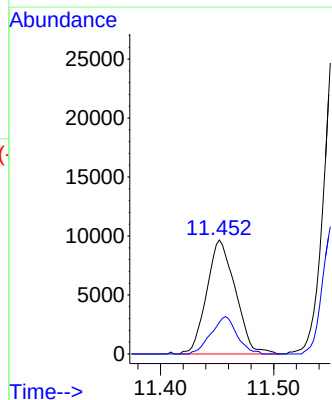
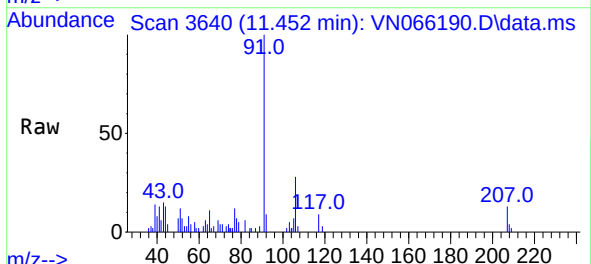
Instrument :
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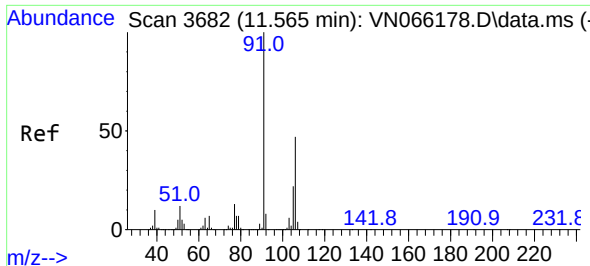
Tgt Ion:117 Resp: 567170
Ion Ratio Lower Upper
117 100
82 58.8 49.0 73.6
119 31.4 25.7 38.5



#67
Ethyl Benzene
Concen: 0.80 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion: 91 Resp: 16995
Ion Ratio Lower Upper
91 100
106 27.8 24.2 36.2

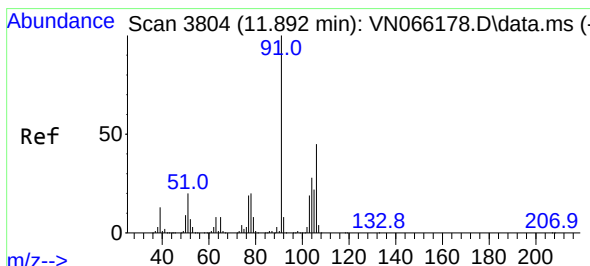
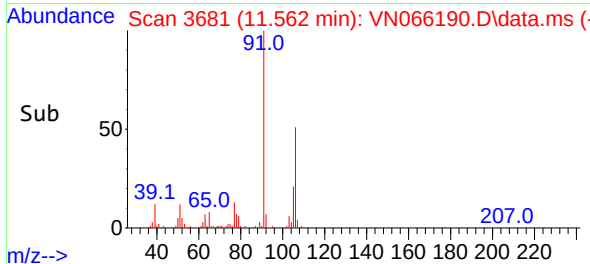
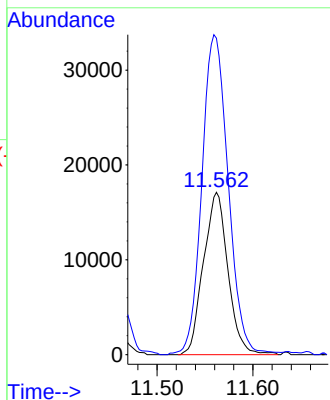
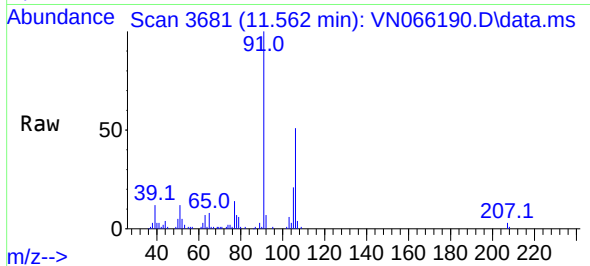




#68
m/p-Xylenes
Concen: 3.89 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.002 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

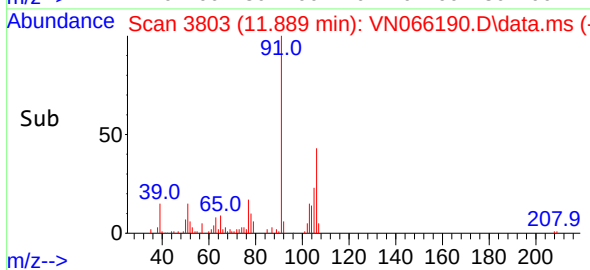
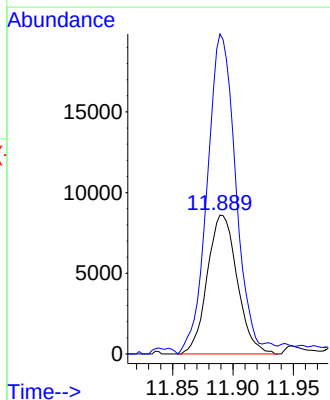
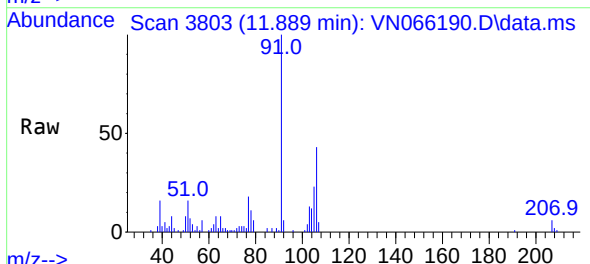
Instrument :
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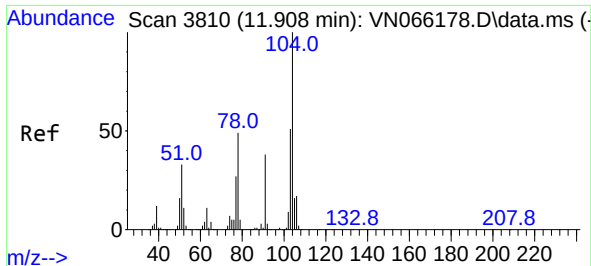
Tgt Ion:106 Resp: 30410
Ion Ratio Lower Upper
106 100
91 211.8 168.2 252.4



#69
o-Xylene
Concen: 1.95 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion:106 Resp: 14853
Ion Ratio Lower Upper
106 100
91 218.4 111.8 335.3

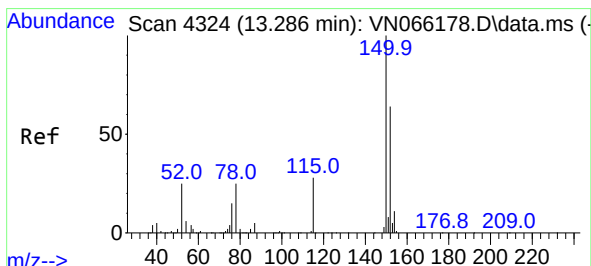
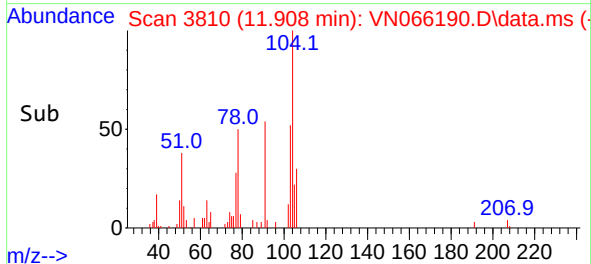
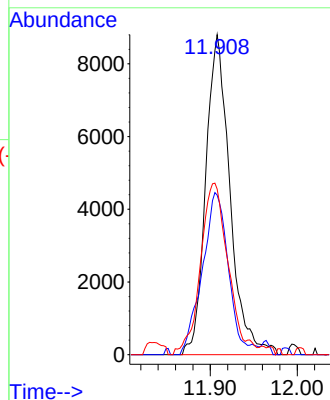
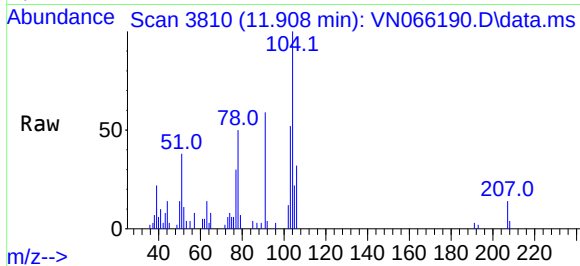




#70
Styrene
Concen: 3.90 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.000 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

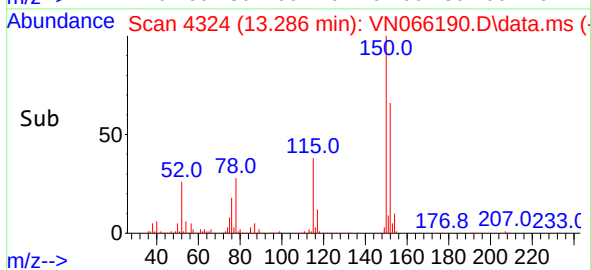
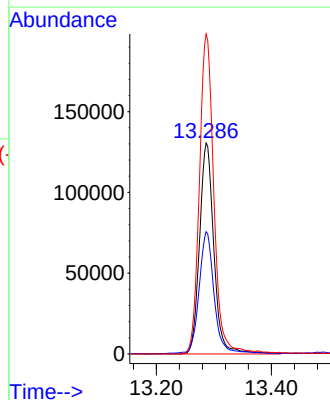
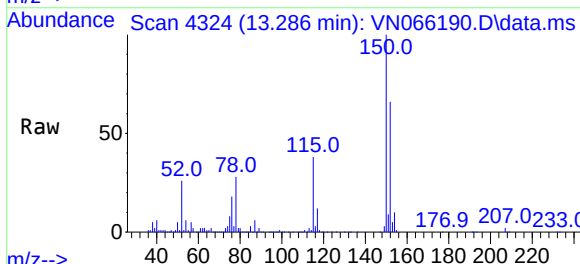
Instrument :
MSVOA_N
ClientSampleId :
COMP1-41730:31

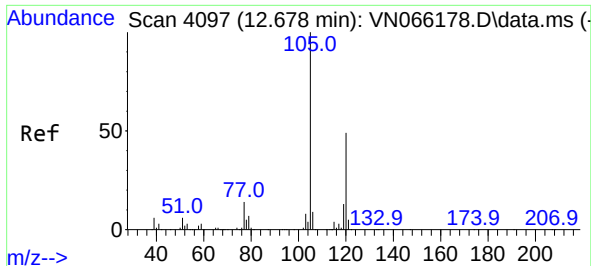
Tgt Ion:	104	Resp:	17071
Ion	Ratio	Lower	Upper
104	100		
78	54.1	43.8	65.6
103	61.2	43.7	65.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion:	152	Resp:	226698
Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.4	88.3
150	151.5	0.0	352.2

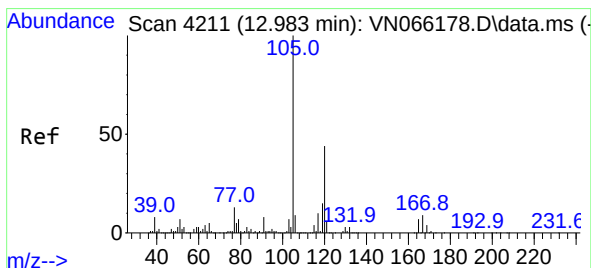
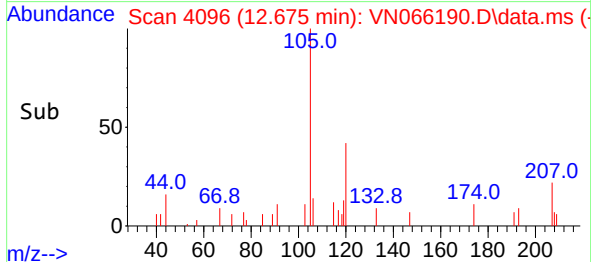
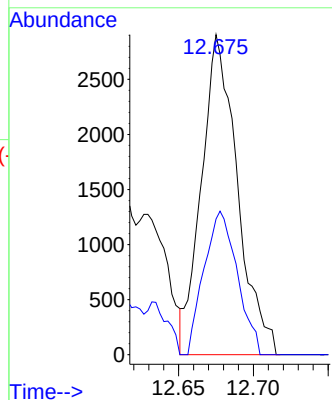
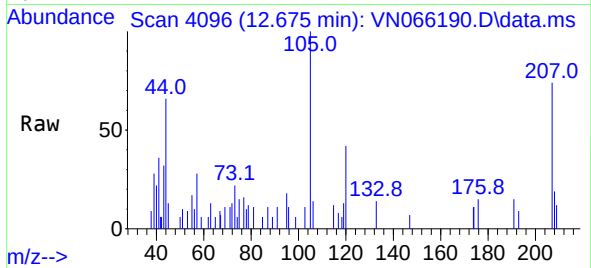




#80
1,3,5-Trimethylbenzene
Concen: 0.34 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. -0.003 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

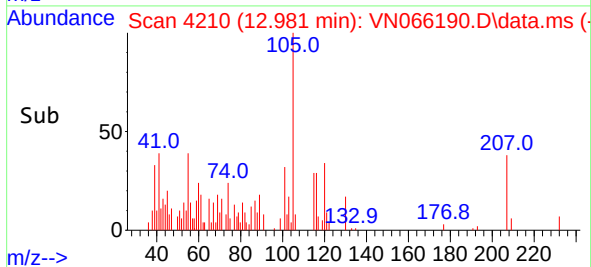
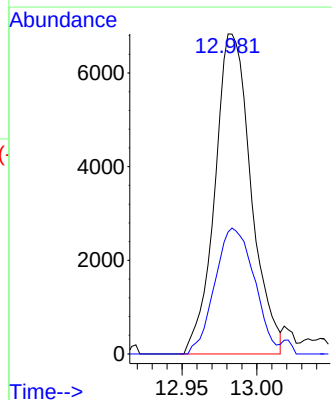
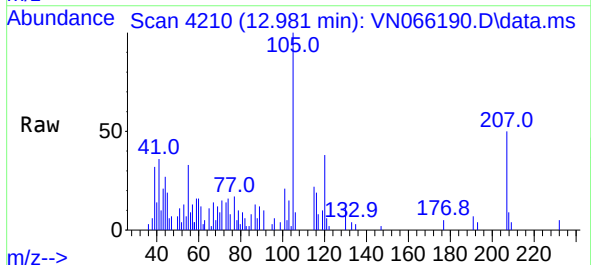
Instrument :
MSVOA_N
ClientSampleId :
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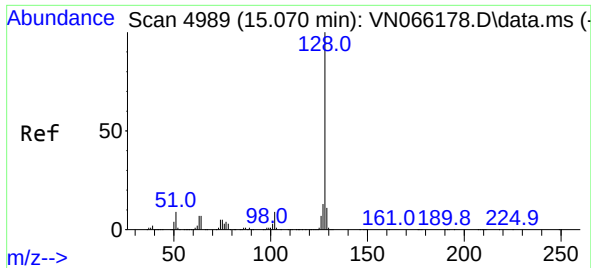
Tgt Ion:105 Resp: 4863
Ion Ratio Lower Upper
105 100
120 41.4 23.9 71.8



#84
1,2,4-Trimethylbenzene
Concen: 0.82 ug/l
RT: 12.981 min Scan# 4210
Delta R.T. -0.002 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Tgt Ion:105 Resp: 11534
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.5





#95
Naphthalene
Concen: 8.97 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066190.D
Acq: 12 Mar 2021 18:35

Instrument :
MSVOA_N
ClientSampleId :
COMP1-41730:31

Tgt Ion:128 Resp: 101188
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 13.9 8.4 12.6#

