

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066194.D
 Acq On : 12 Mar 2021 20:06
 Operator : JC/MD
 Sample : M1647-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP3-30788:89

Quant Time: Mar 13 02:44:34 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)

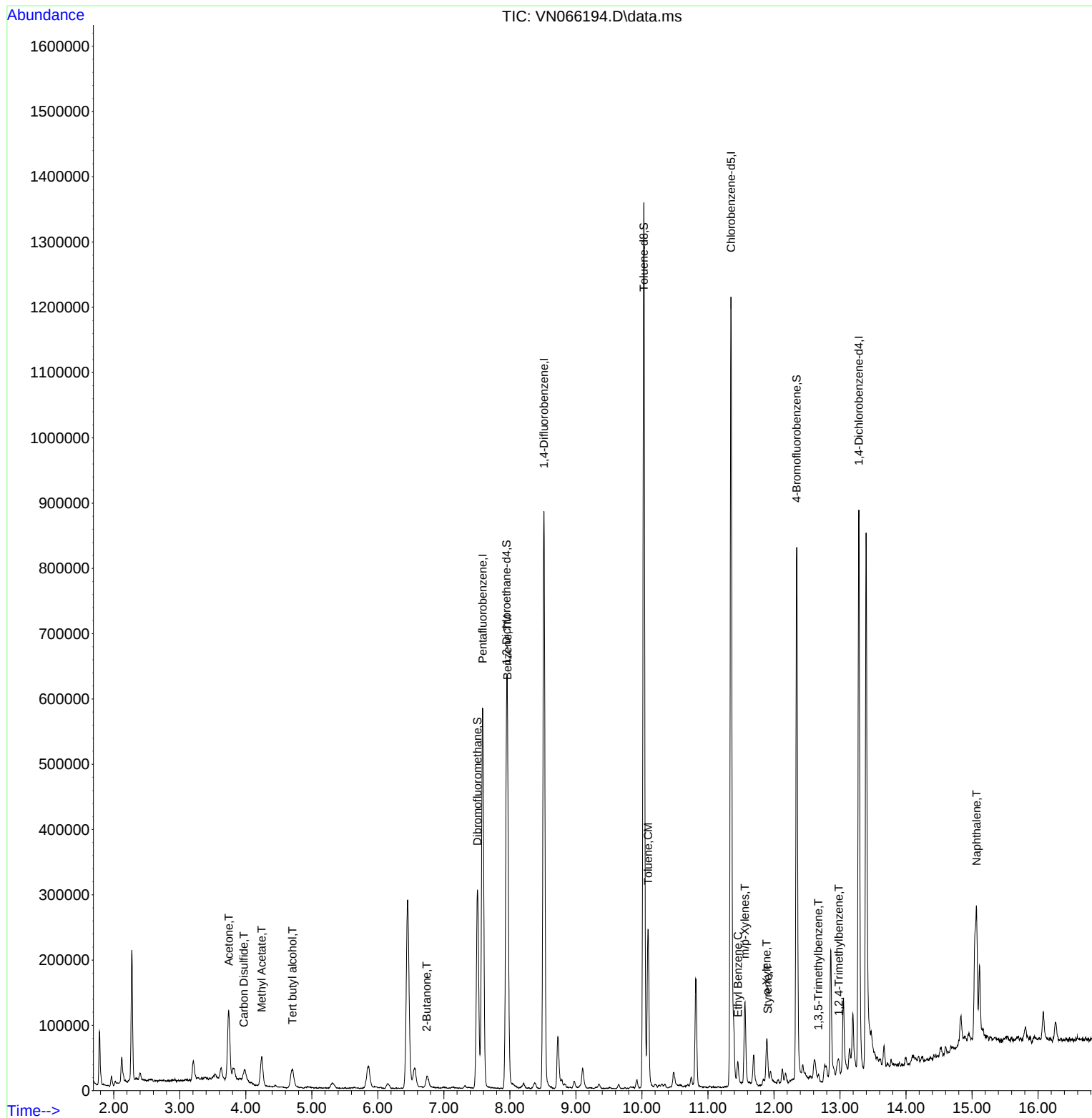
Internal Standards						
1) Pentafluorobenzene	7.587	168	472274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	729198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	618065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	236052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	343204	45.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.08%		
35) Dibromofluoromethane	7.509	113	232857	47.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.66%		
50) Toluene-d8	10.030	98	893793	44.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.70%		
62) 4-Bromofluorobenzene	12.345	95	277371	37.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	75.68%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.707	59	53680	45.92	ug/l #	92
16) Acetone	3.741	43	173616	47.10	ug/l	99
17) Carbon Disulfide	3.972	76	10778	0.81	ug/l #	72
18) Methyl Acetate	4.243	43	91263	9.71	ug/l #	80
25) 2-Butanone	6.742	43	33584	5.84	ug/l	99
40) Benzene	7.965	78	308049	13.21	ug/l	97
52) Toluene	10.095	92	100675	7.17	ug/l	98
67) Ethyl Benzene	11.455	91	20482	0.89	ug/l	94
68) m/p-Xylenes	11.559	106	37421	4.39	ug/l	100
69) o-Xylene	11.889	106	15917	1.92	ug/l	96
70) Styrene	11.908	104	11256	3.45	ug/l #	84
80) 1,3,5-Trimethylbenzene	12.675	105	4134	0.28	ug/l	92
84) 1,2,4-Trimethylbenzene	12.983	105	11357	0.77	ug/l	98
95) Naphthalene	15.070	128	158060	12.44	ug/l #	96

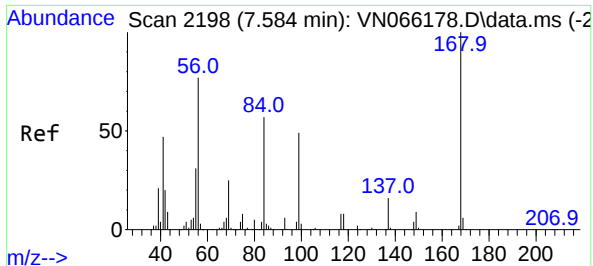
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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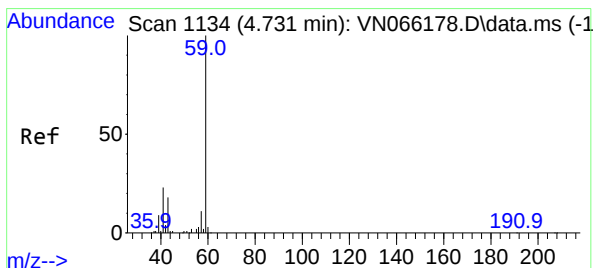
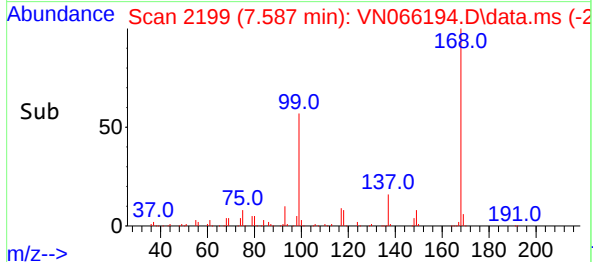
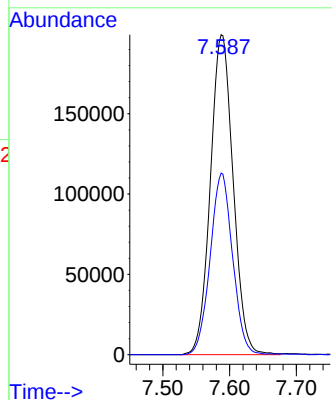
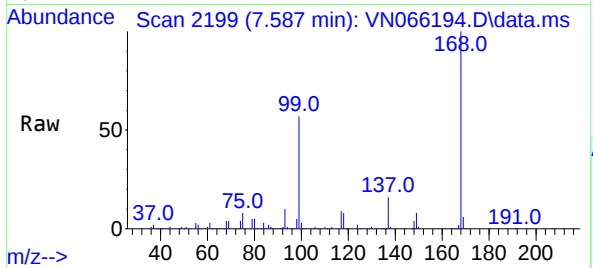




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.003 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

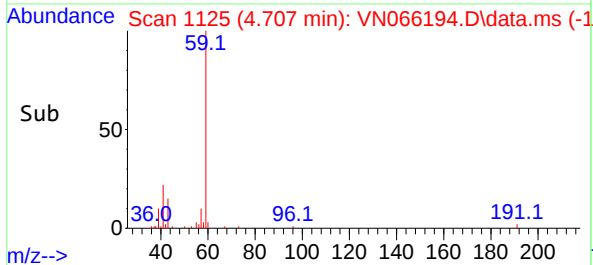
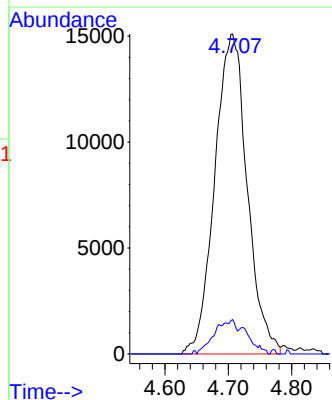
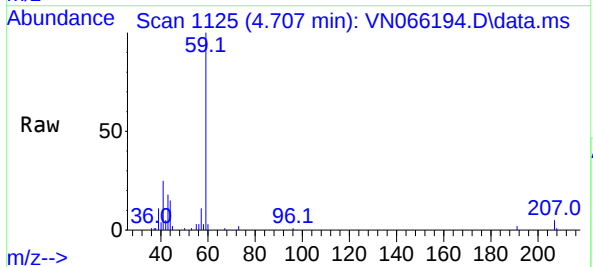
Instrument :
MSVOA_N
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COMP3-30788:89

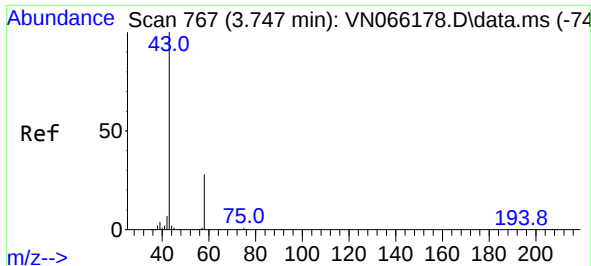
Tgt Ion:168 Resp: 472274
Ion Ratio Lower Upper
168 100
99 56.8 45.4 68.0



#11
Tert butyl alcohol
Concen: 45.92 ug/l
RT: 4.707 min Scan# 1125
Delta R.T. -0.016 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion: 59 Resp: 53680
Ion Ratio Lower Upper
59 100
57 7.2 8.0 12.0#

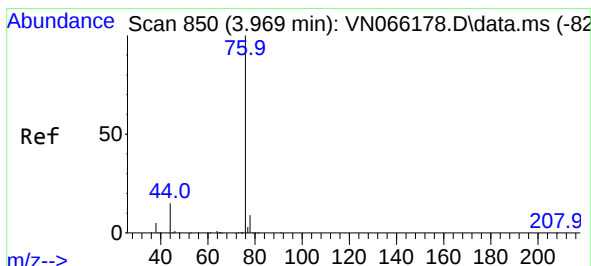
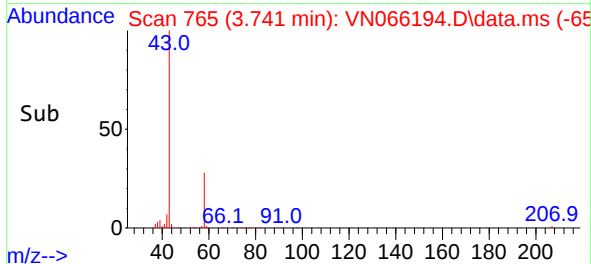
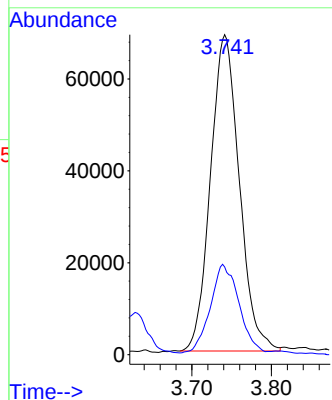
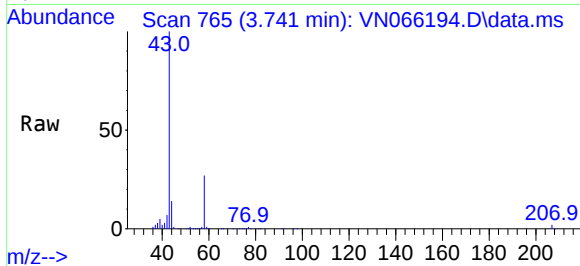




#16
Acetone
Concen: 47.10 ug/l
RT: 3.741 min Scan# 765
Delta R.T. -0.008 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

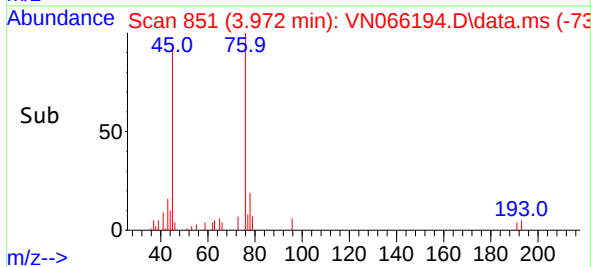
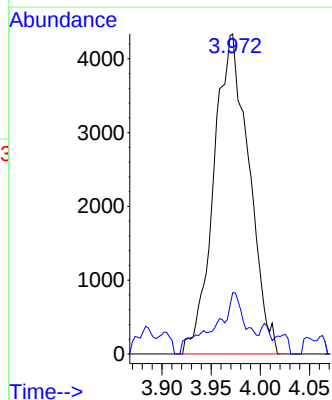
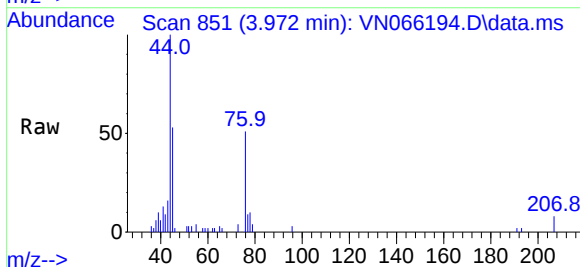
Instrument :
MSVOA_N
ClientSampleId :
COMP3-30788:89

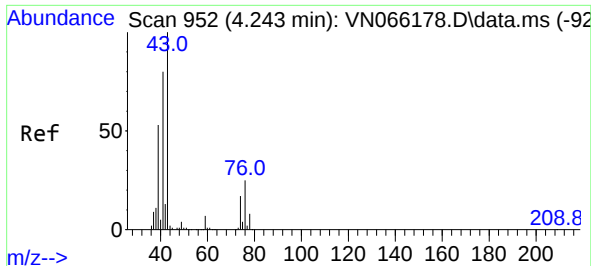
Tgt Ion: 43 Resp: 173616
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5



#17
Carbon Disulfide
Concen: 0.81 ug/l
RT: 3.972 min Scan# 851
Delta R.T. 0.003 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion: 76 Resp: 10778
Ion Ratio Lower Upper
76 100
78 19.2 7.3 10.9#

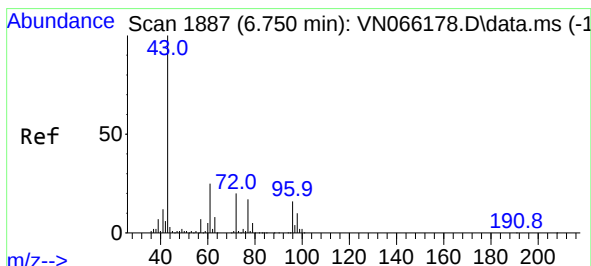
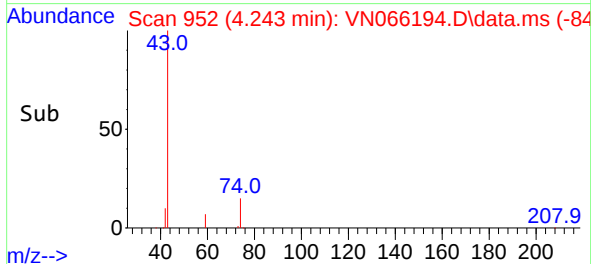
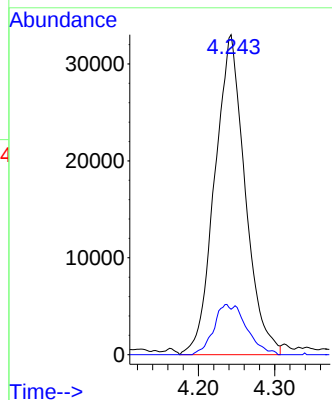
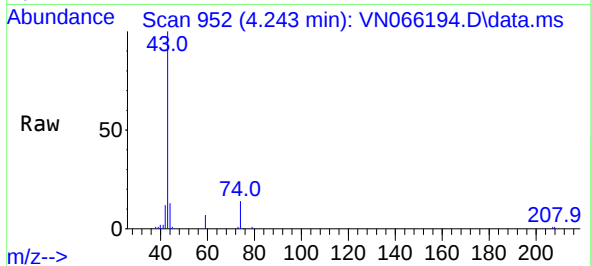




#18
Methyl Acetate
Concen: 9.71 ug/l
RT: 4.243 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

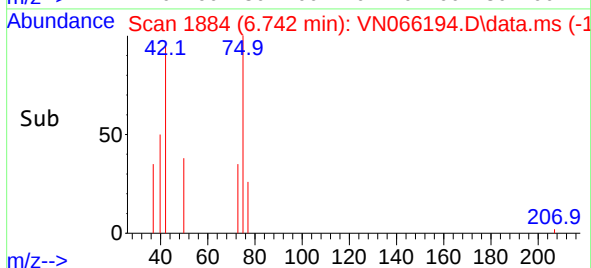
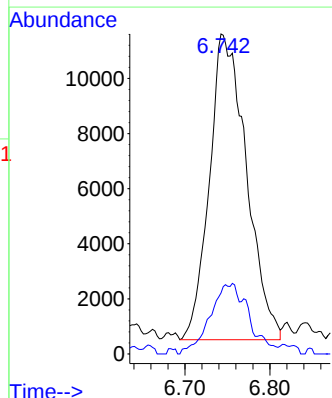
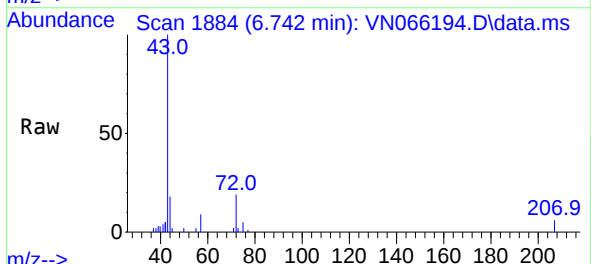
Instrument :
MSVOA_N
ClientSampleId :
COMP3-30788:89

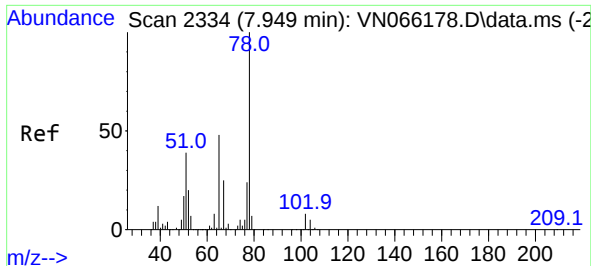
Tgt Ion: 43 Resp: 91263
Ion Ratio Lower Upper
43 100
74 8.9 14.2 21.2#



#25
2-Butanone
Concen: 5.84 ug/l
RT: 6.742 min Scan# 1884
Delta R.T. -0.008 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion: 43 Resp: 33584
Ion Ratio Lower Upper
43 100
72 20.0 16.2 24.2



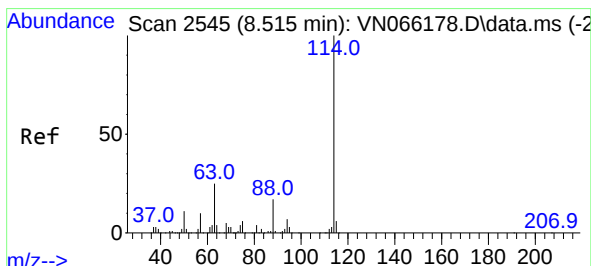
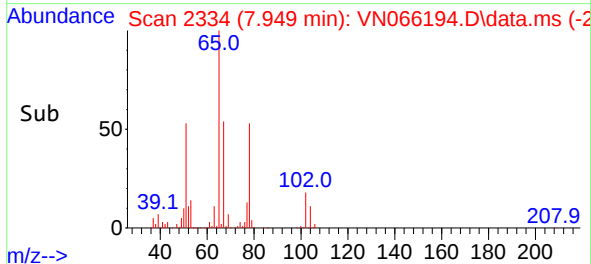
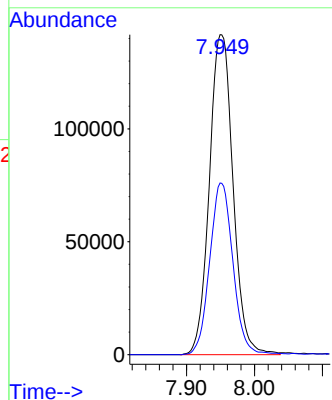
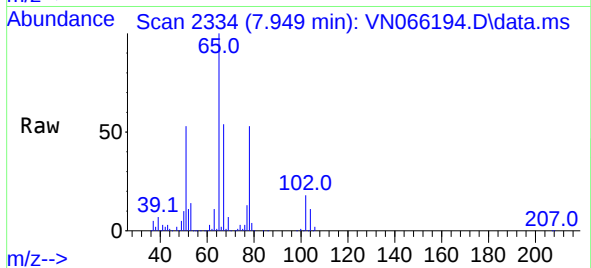


#33

1,2-Dichloroethane-d4
Concen: 45.04 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :
COMP3-30788:89

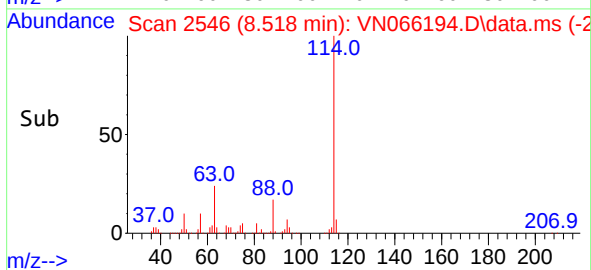
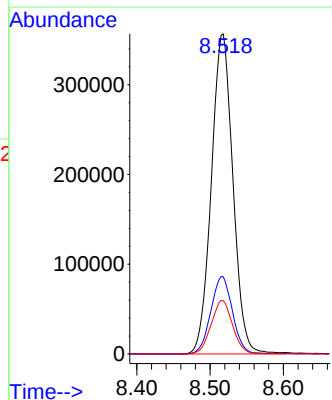
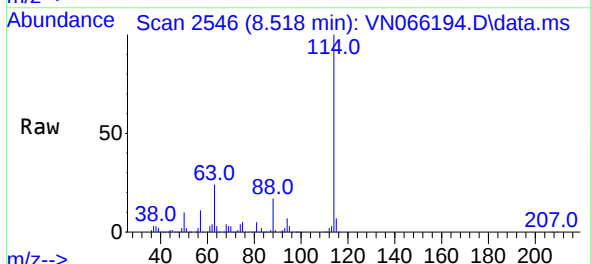
Tgt Ion: 65 Resp: 343204
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2

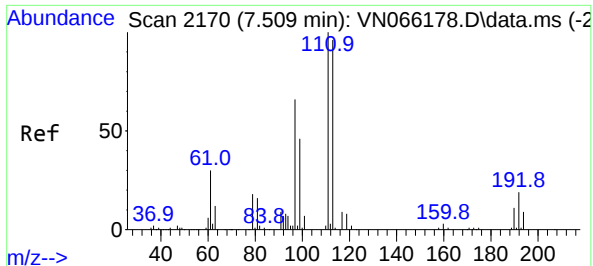


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.518 min Scan# 2546
Delta R.T. -0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion: 114 Resp: 729198
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 16.7 0.0 33.8

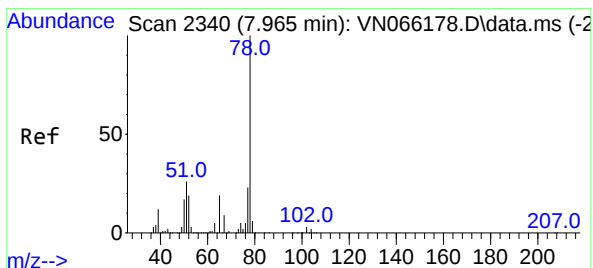
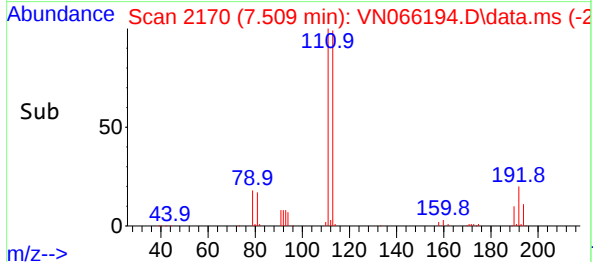
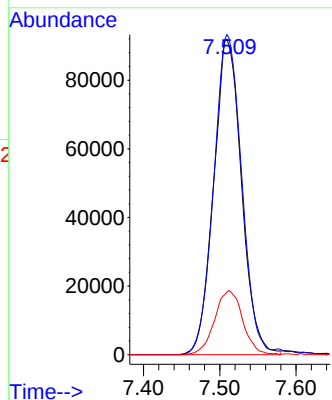
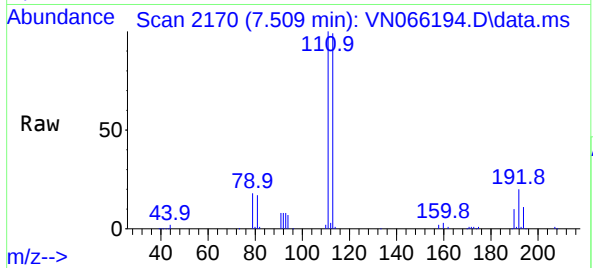




#35
Dibromofluoromethane
Concen: 47.33 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

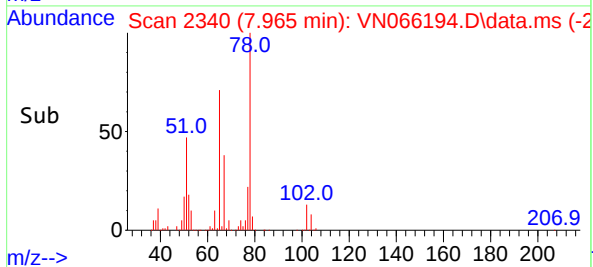
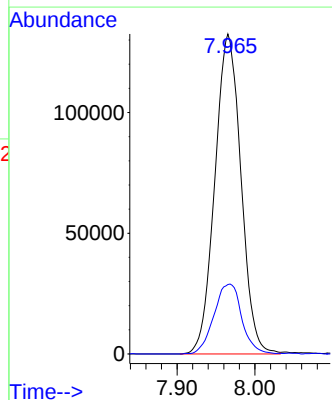
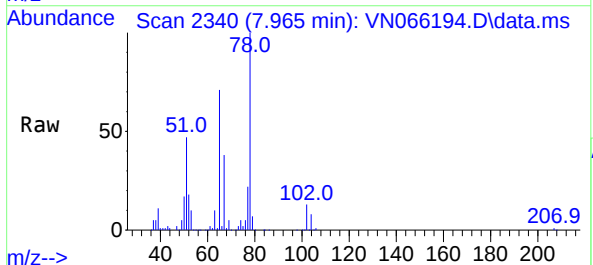
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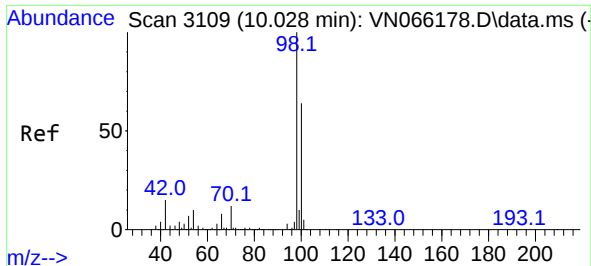
Tgt Ion:113 Resp: 232857
Ion Ratio Lower Upper
113 100
111 101.6 84.0 126.0
192 20.5 16.7 25.1



#40
Benzene
Concen: 13.21 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion: 78 Resp: 308049
Ion Ratio Lower Upper
78 100
77 21.7 18.5 27.7

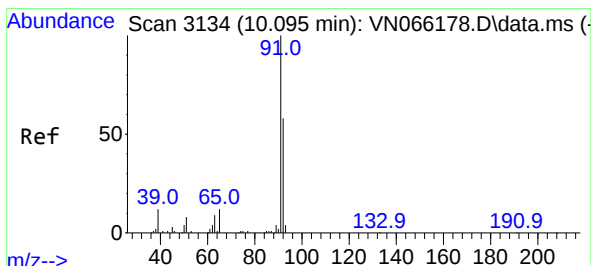
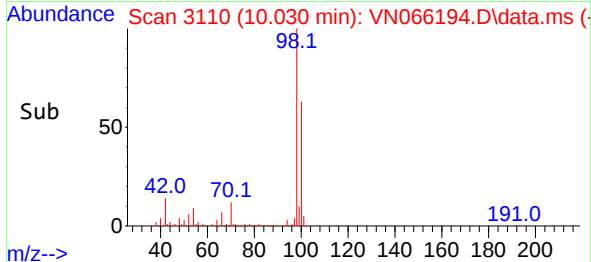
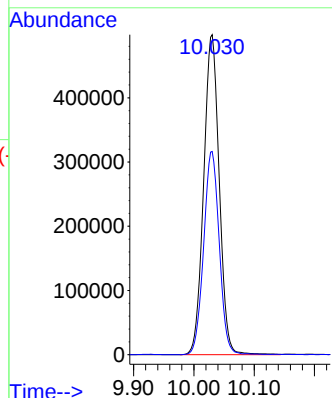
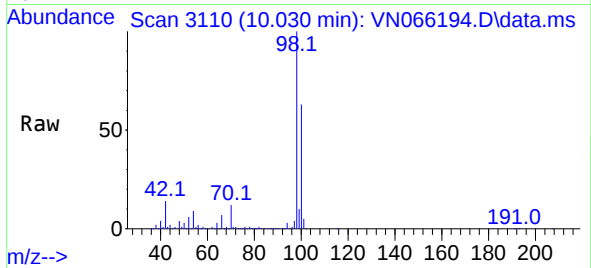




#50
Toluene-d8
Concen: 44.85 ug/l
RT: 10.030 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

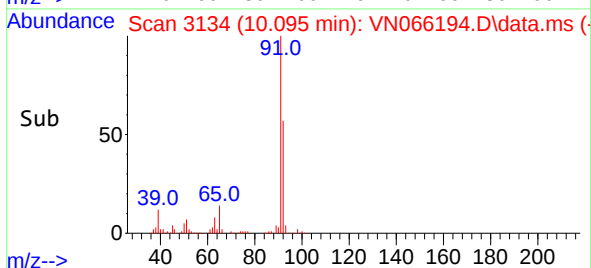
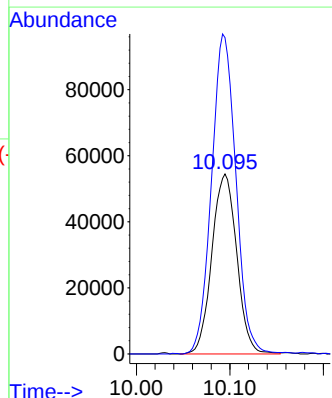
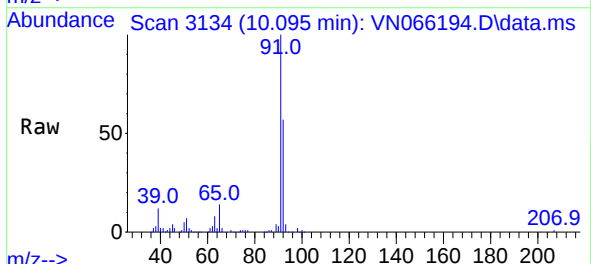
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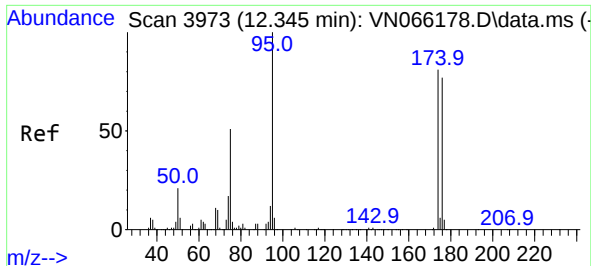
Tgt Ion: 98 Resp: 893793
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



#52
Toluene
Concen: 7.17 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion: 92 Resp: 100675
Ion Ratio Lower Upper
92 100
91 174.2 137.5 206.3

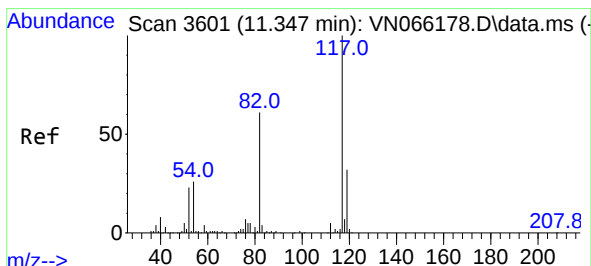
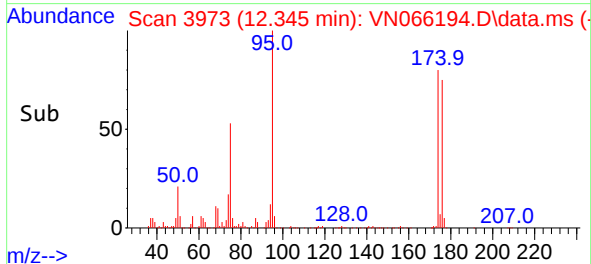
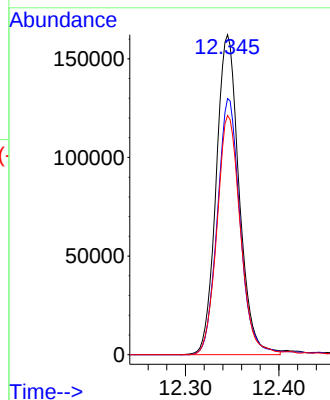
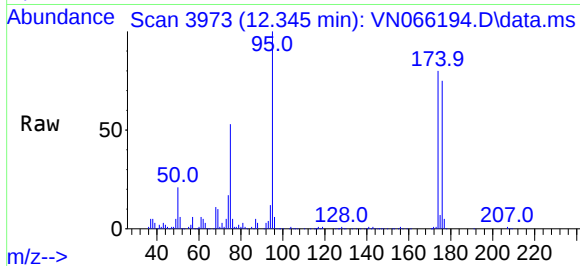




#62
4-Bromofluorobenzene
Concen: 37.84 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

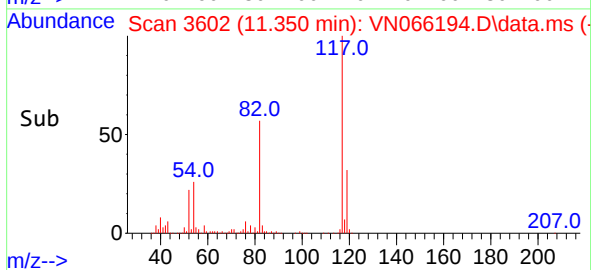
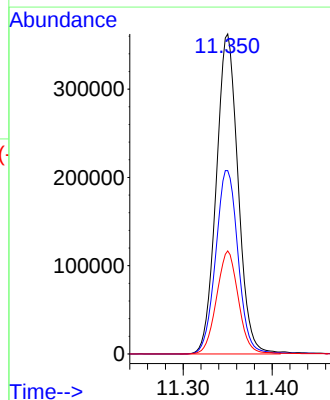
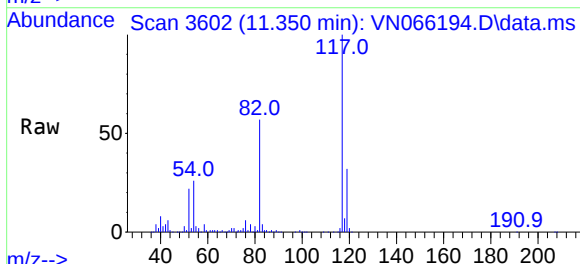
Instrument :
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COMP3-30788:89

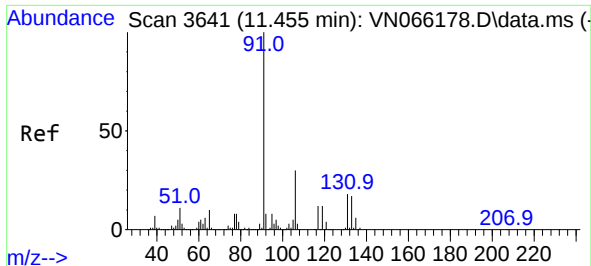
Tgt Ion: 95 Resp: 277371
Ion Ratio Lower Upper
95 100
174 80.2 0.0 162.4
176 76.0 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion: 117 Resp: 618065
Ion Ratio Lower Upper
117 100
82 57.3 49.0 73.6
119 32.2 25.7 38.5

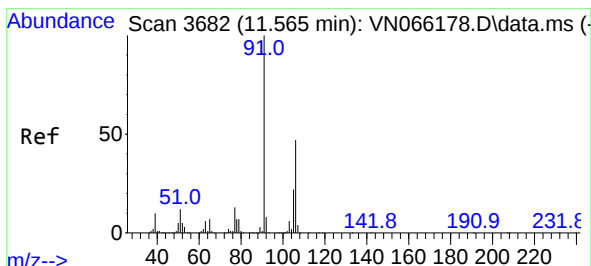
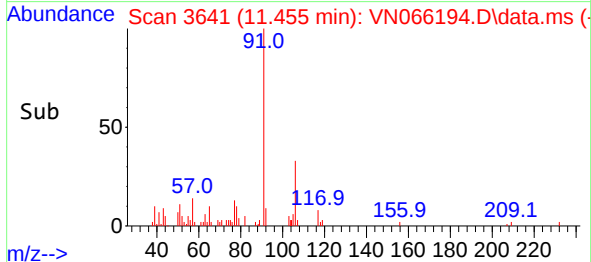
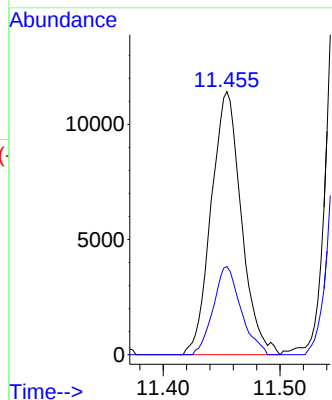
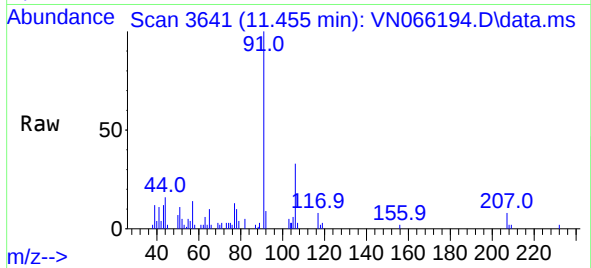




#67
Ethyl Benzene
Concen: 0.89 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

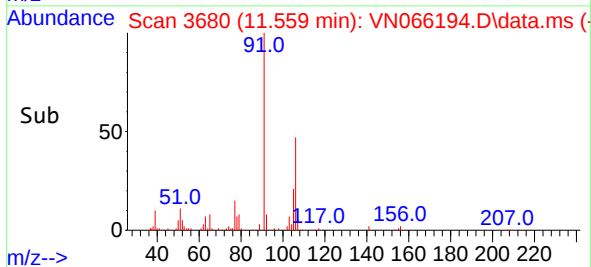
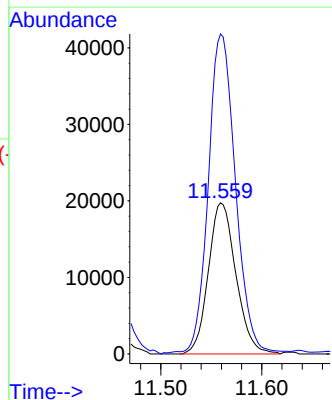
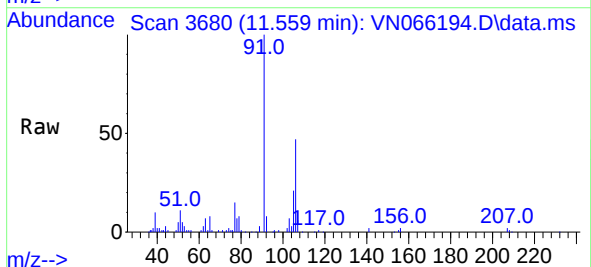
Instrument :
MSVOA_N
ClientSampleId :
COMP3-30788:89

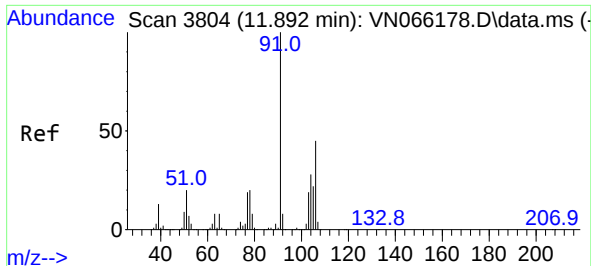
Tgt Ion: 91 Resp: 20482
Ion Ratio Lower Upper
91 100
106 33.5 24.2 36.2



#68
m/p-Xylenes
Concen: 4.39 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.005 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion: 106 Resp: 37421
Ion Ratio Lower Upper
106 100
91 210.0 168.2 252.4

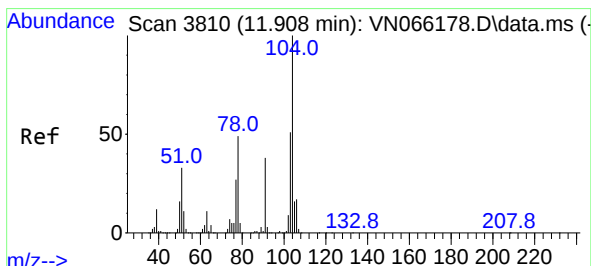
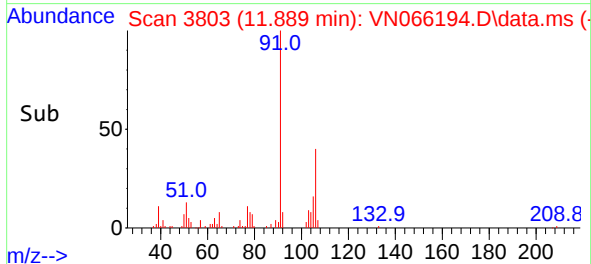
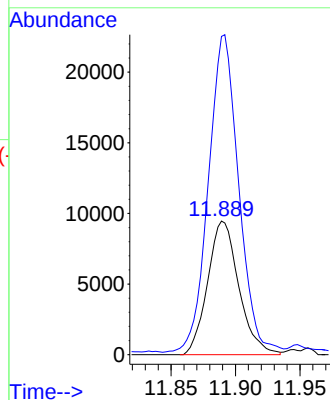
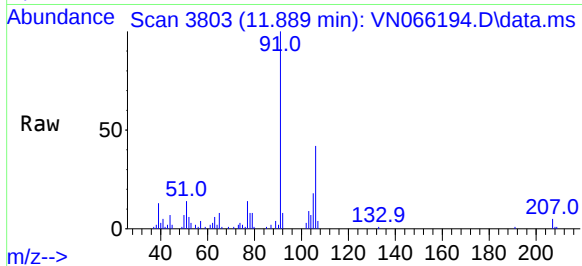




#69
o-Xylene
Concen: 1.92 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

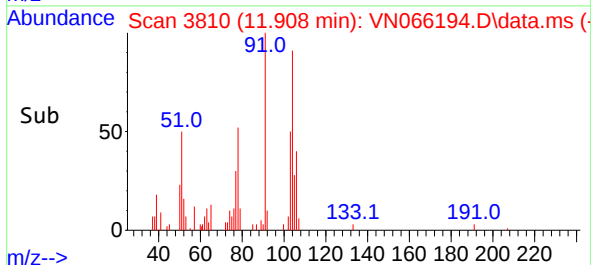
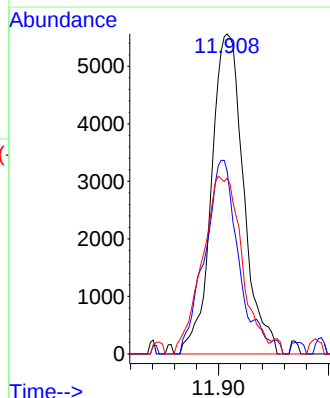
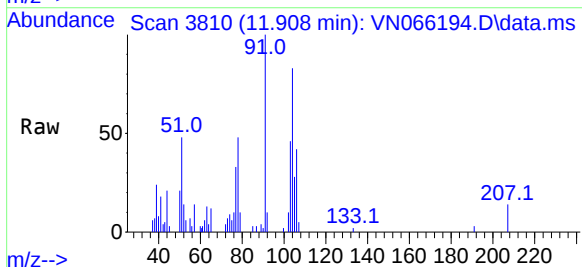
Instrument :
MSVOA_N
ClientSampleId :
COMP3-30788:89

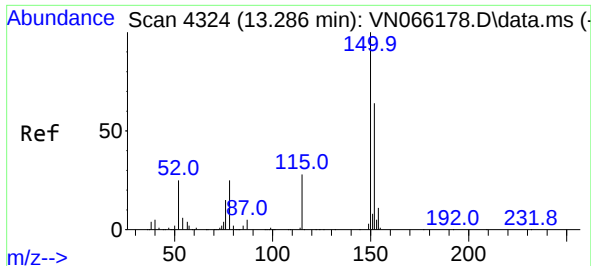
Tgt Ion:106 Resp: 15917
Ion Ratio Lower Upper
106 100
91 229.9 111.8 335.3



#70
Styrene
Concen: 3.45 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion:104 Resp: 11256
Ion Ratio Lower Upper
104 100
78 64.6 43.8 65.6
103 68.0 43.7 65.5#

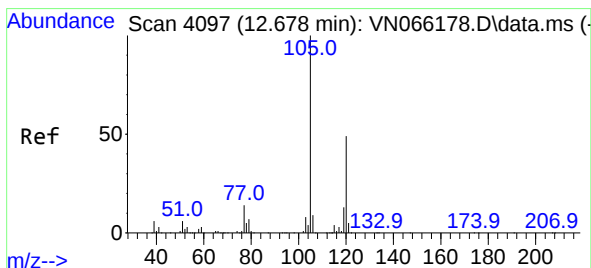
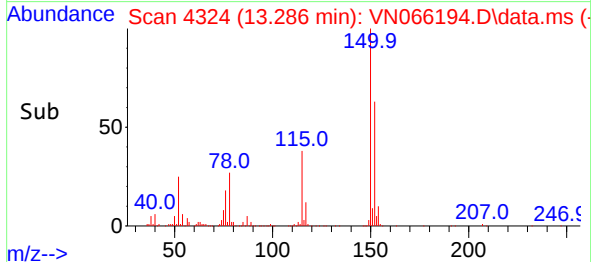
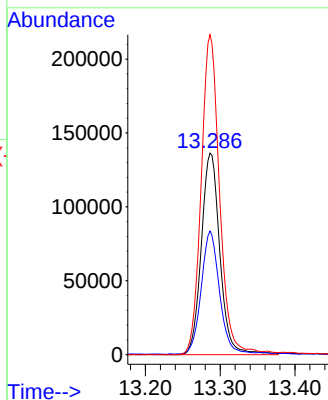
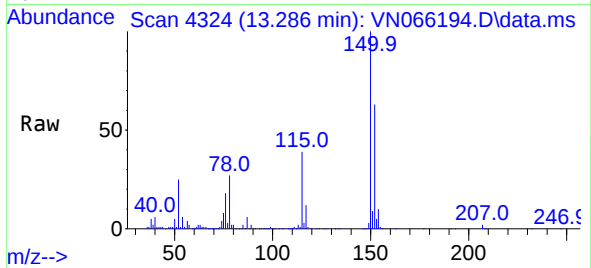




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

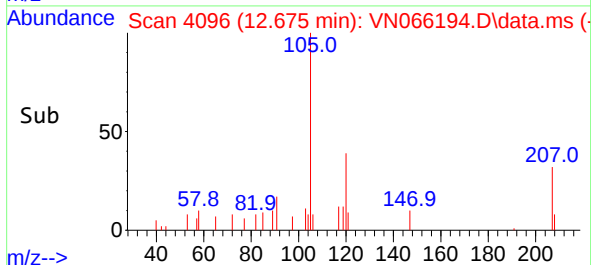
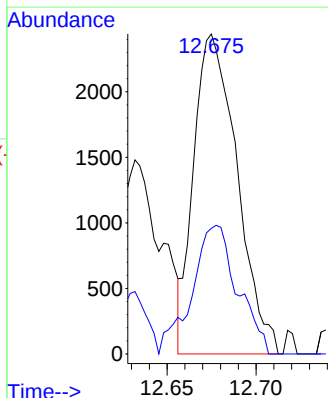
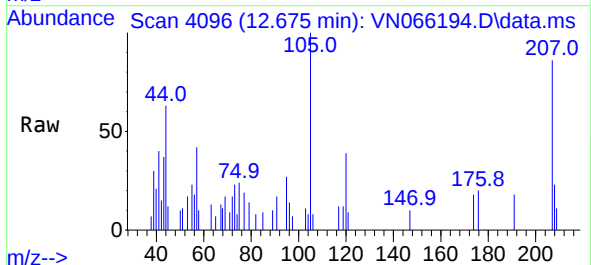
Instrument :
MSVOA_N
ClientSampleId :
COMP3-30788:89

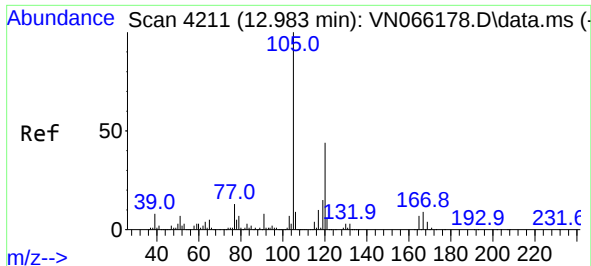
Tgt Ion:152 Resp: 236052
Ion Ratio Lower Upper
152 100
115 59.6 29.4 88.3
150 156.6 0.0 352.2



#80
1,3,5-Trimethylbenzene
Concen: 0.28 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. -0.003 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion:105 Resp: 4134
Ion Ratio Lower Upper
105 100
120 42.3 23.9 71.8

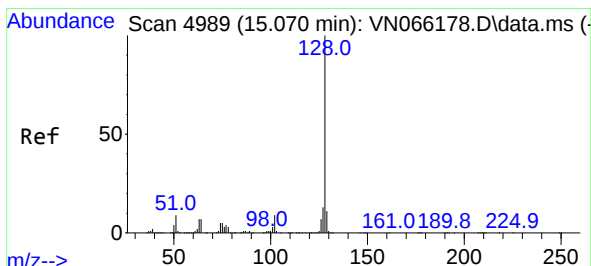
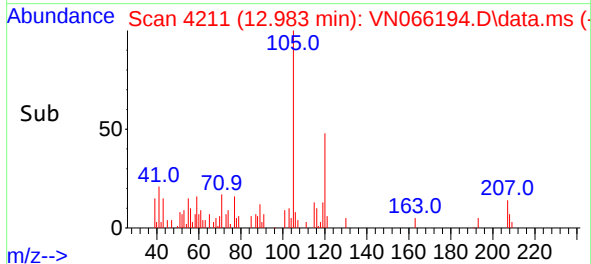
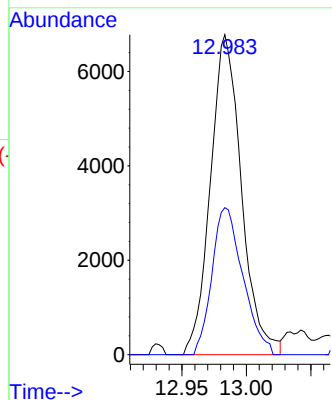
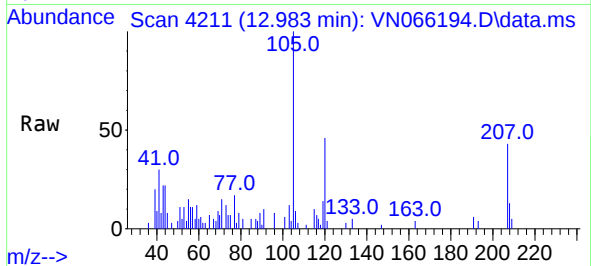




#84
1,2,4-Trimethylbenzene
Concen: 0.77 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :
COMP3-30788:89

Tgt Ion:105 Resp: 11357
Ion Ratio Lower Upper
105 100
120 45.8 22.1 66.5



#95
Naphthalene
Concen: 12.44 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066194.D
Acq: 12 Mar 2021 20:06

Tgt Ion:128 Resp: 158060
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 13.2 8.4 12.6#

