

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066123.D
 Acq On : 3 Mar 2021 14:41
 Operator : JC/MD
 Sample : M1489-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-41071-72

Quant Time: Mar 04 02:15:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

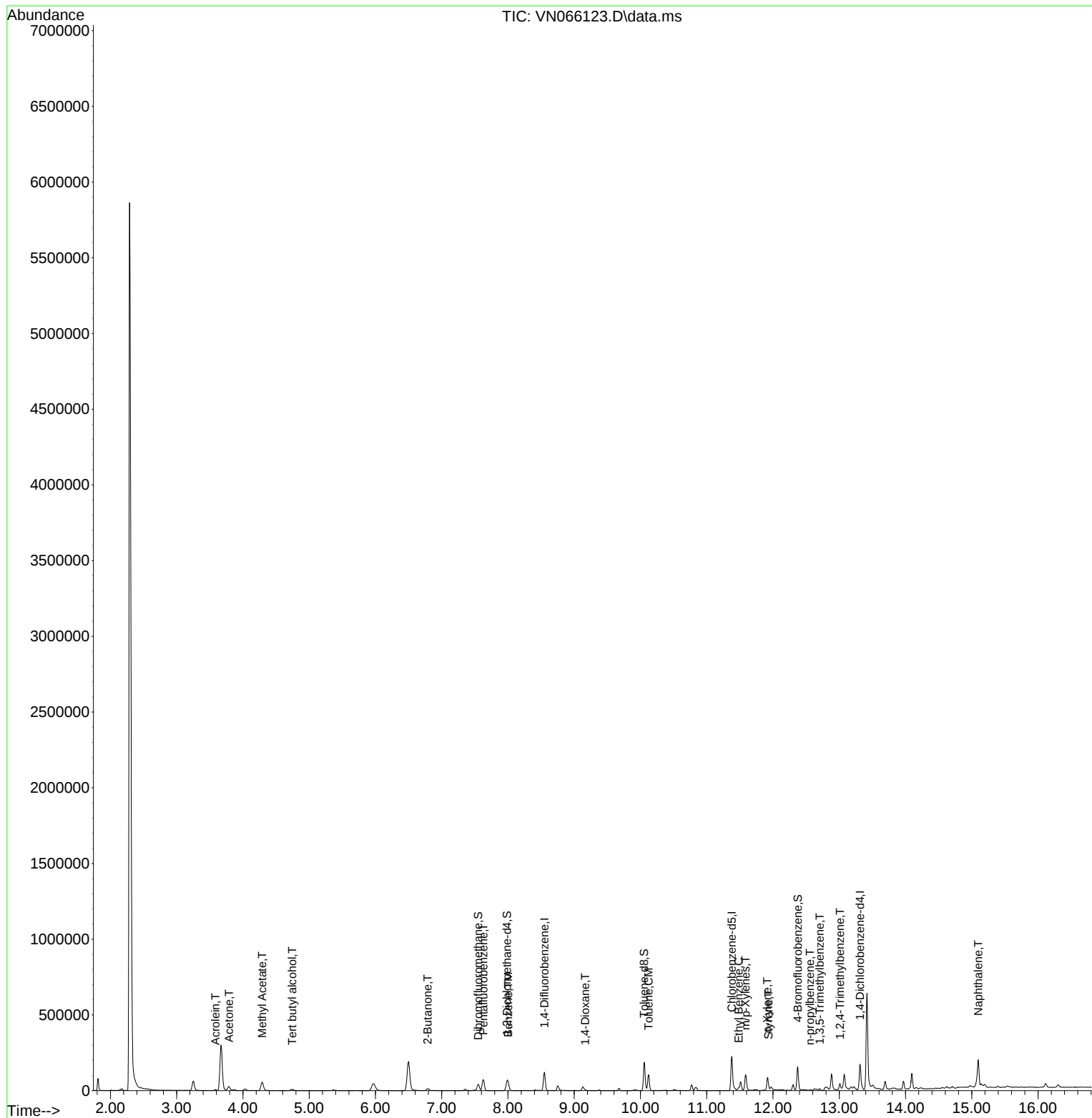
Internal Standards						
1) Pentafluorobenzene	7.627	168	58465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	105671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	108210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	47242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	42897	48.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.42%		
35) Dibromofluoromethane	7.550	113	32031	47.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.72%		
50) Toluene-d8	10.055	98	131818	50.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.16%		
62) 4-Bromofluorobenzene	12.373	95	56593	56.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.76%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.746	59	16597	135.10	ug/l	99
13) Acrolein	3.586	56	6930	73.10	ug/l	97
16) Acetone	3.788	43	40382	151.85	ug/l	95
18) Methyl Acetate	4.290	43	99388	175.05	ug/l	97
25) 2-Butanone	6.788	43	23454	66.50	ug/l	96
40) Benzene	8.003	78	31670	10.80	ug/l	98
49) 1,4-Dioxane	9.164	88	4219	344.02	ug/l #	26
52) Toluene	10.122	92	47571	25.21	ug/l	96
67) Ethyl Benzene	11.482	91	11579	2.84	ug/l	94
68) m/p-Xylenes	11.588	106	34323	21.83	ug/l	97
69) o-Xylene	11.916	106	22625	14.74	ug/l	97
70) Styrene	11.932	104	7899	3.27	ug/l #	62
78) n-propylbenzene	12.559	91	3547	0.84	ug/l #	60
80) 1,3,5-Trimethylbenzene	12.704	105	6569	1.91	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	28930	8.63	ug/l	95
95) Naphthalene	15.096	128	154793	58.79	ug/l	98

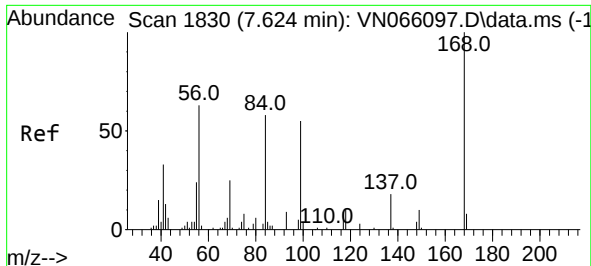
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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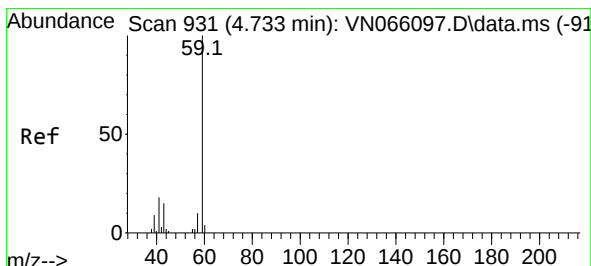
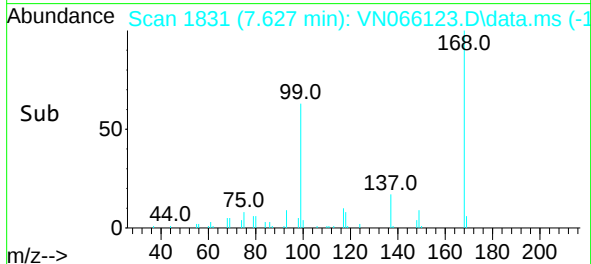
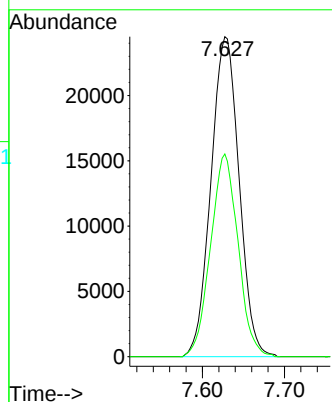
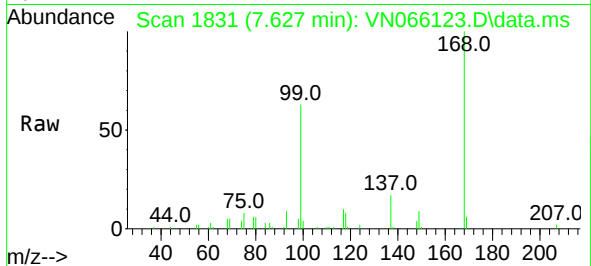




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

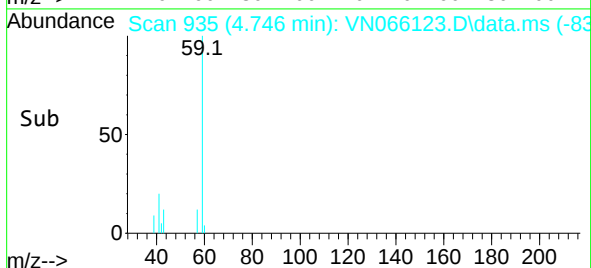
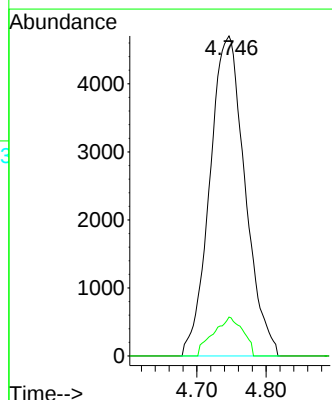
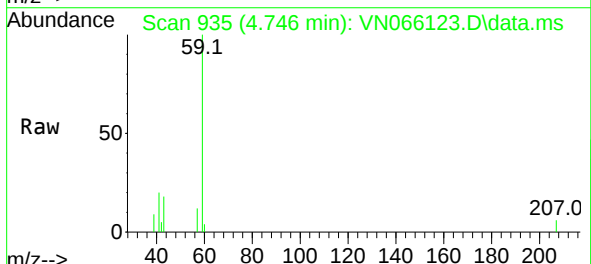
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

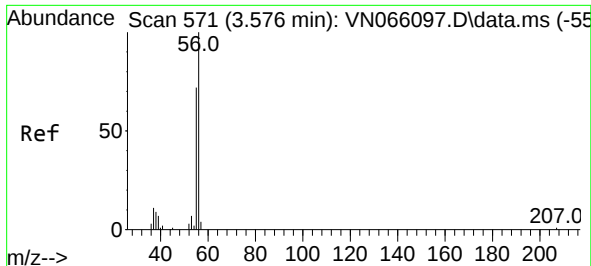
Tgt Ion:168 Resp: 58465
Ion Ratio Lower Upper
168 100
99 63.4 42.6 63.8



#11
Tert butyl alcohol
Concen: 135.10 ug/l
RT: 4.746 min Scan# 935
Delta R.T. 0.013 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion: 59 Resp: 16597
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0

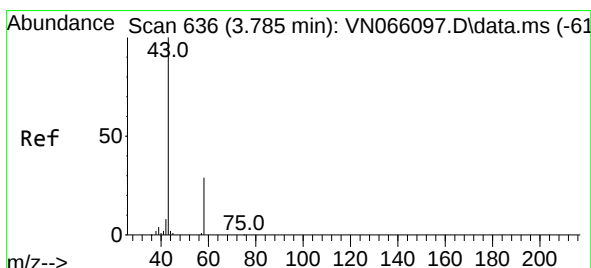
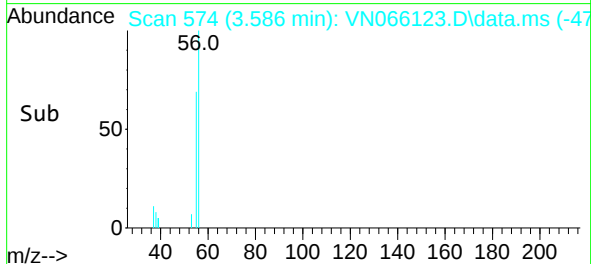
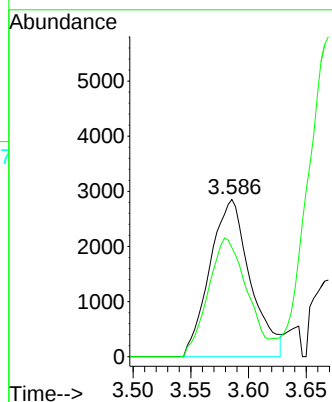
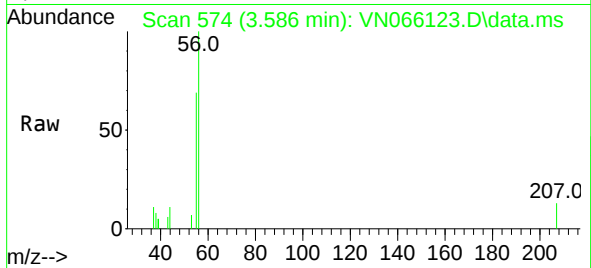




#13
Acrolein
Concen: 73.10 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

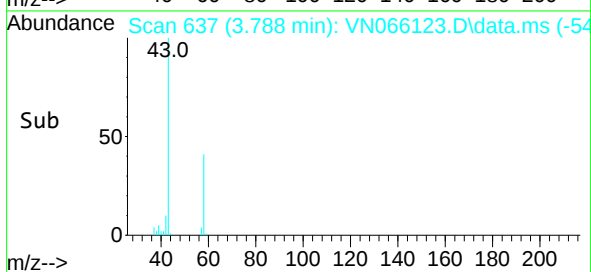
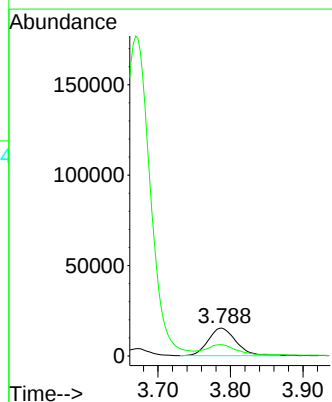
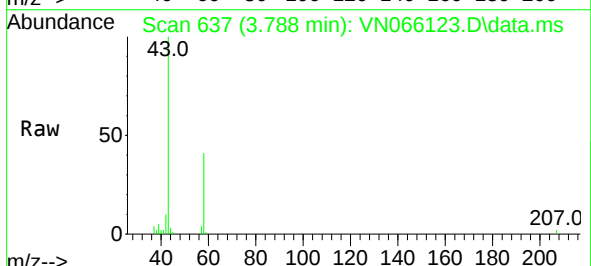
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

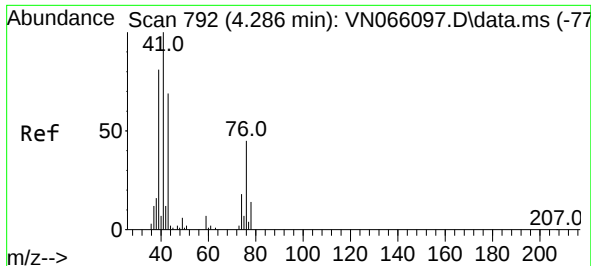
Tgt Ion: 56 Resp: 6930
Ion Ratio Lower Upper
56 100
55 72.3 56.0 84.0



#16
Acetone
Concen: 151.85 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion: 43 Resp: 40382
Ion Ratio Lower Upper
43 100
58 36.5 27.0 40.6

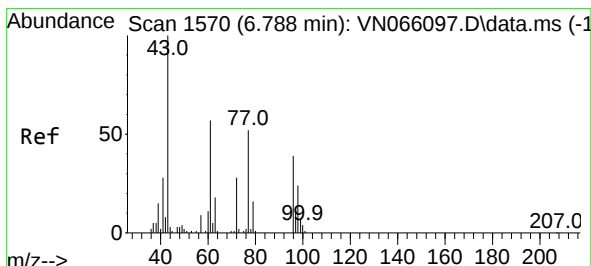
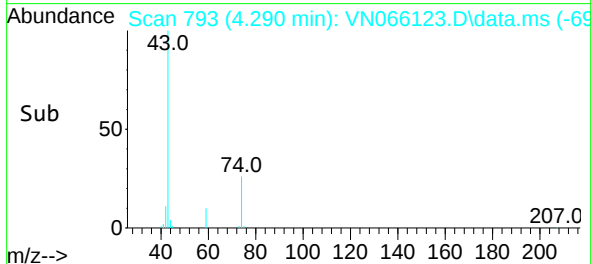
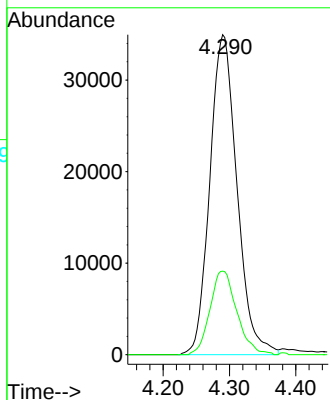
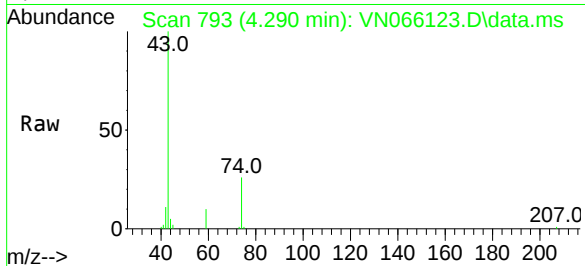




#18
Methyl Acetate
Concen: 175.05 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.004 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

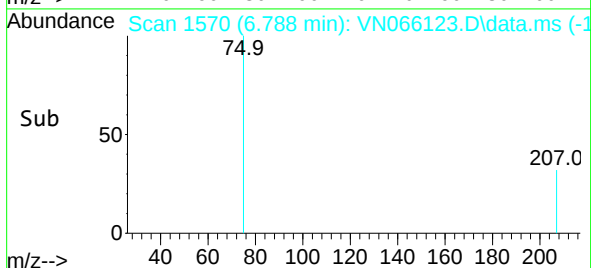
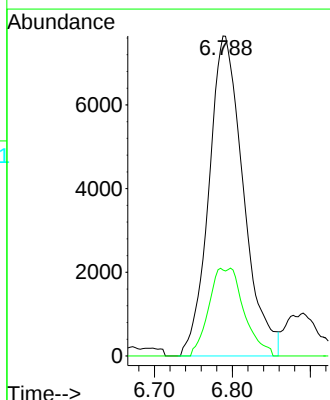
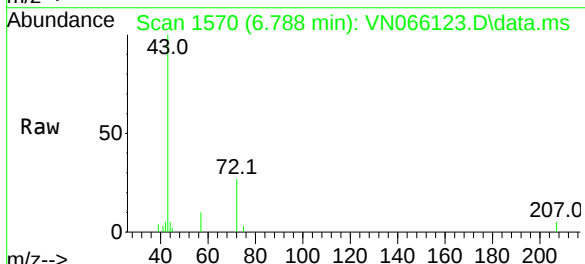
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

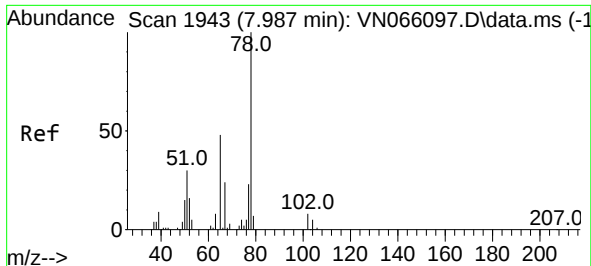
Tgt Ion: 43 Resp: 99388
Ion Ratio Lower Upper
43 100
74 25.8 19.5 29.3



#25
2-Butanone
Concen: 66.50 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion: 43 Resp: 23454
Ion Ratio Lower Upper
43 100
72 26.9 23.1 34.7

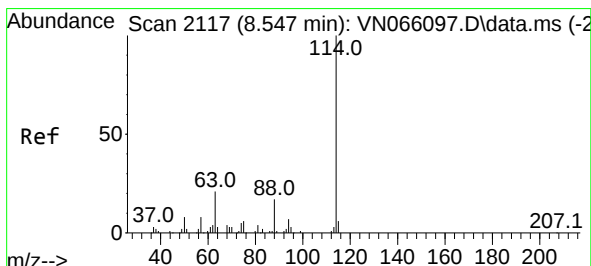
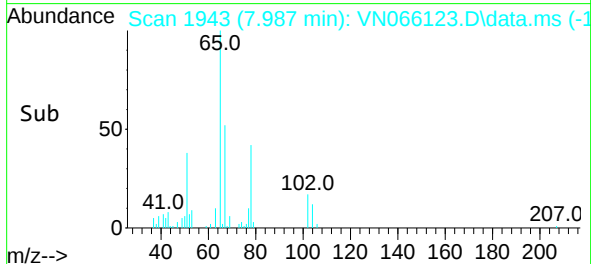
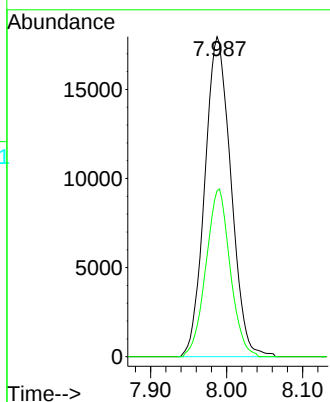
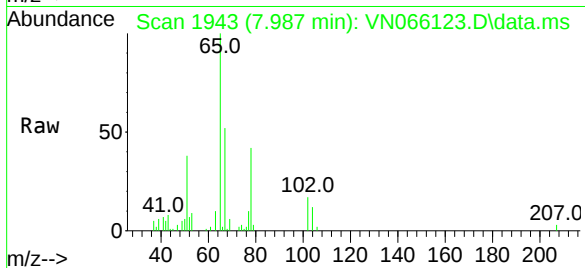




#33
1,2-Dichloroethane-d4
Concen: 48.21 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

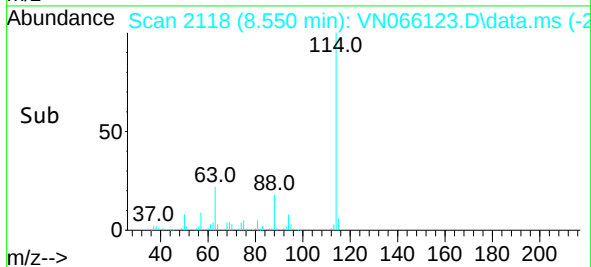
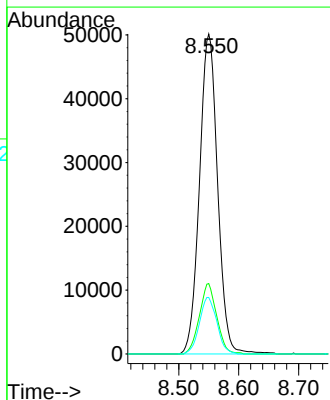
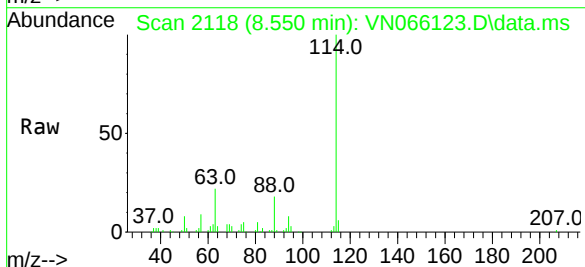
Instrument :
MSVOA_N
ClientSampleId :
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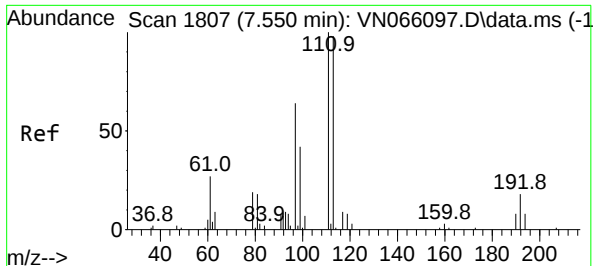
Tgt Ion: 65 Resp: 42897
Ion Ratio Lower Upper
65 100
67 48.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion: 114 Resp: 105671
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.6
88 17.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.86 ug/l

RT: 7.550 min Scan# 1807

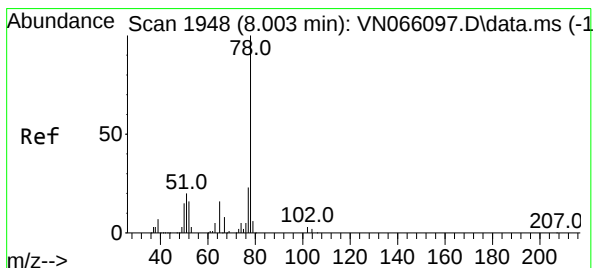
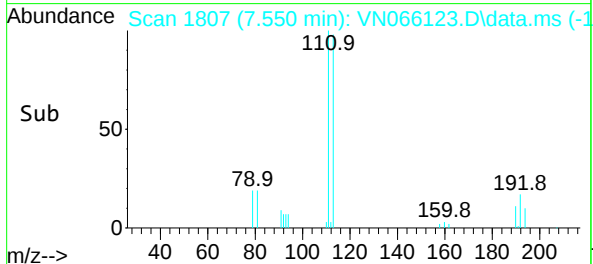
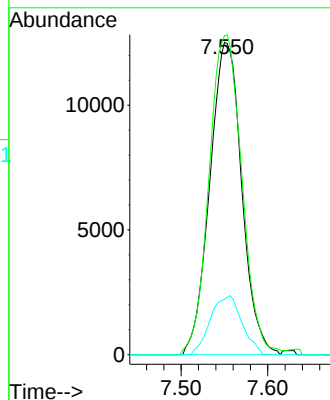
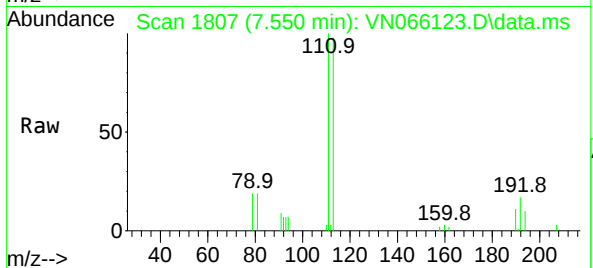
Delta R.T. 0.000 min

Lab File: VN066123.D

Acq: 3 Mar 2021 14:41

Tgt Ion:	113	Resp:	32031
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.2	123.2
192	18.6	15.4	23.0

Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72



#40

Benzene

Concen: 10.80 ug/l

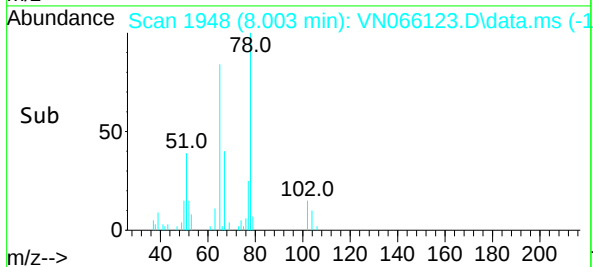
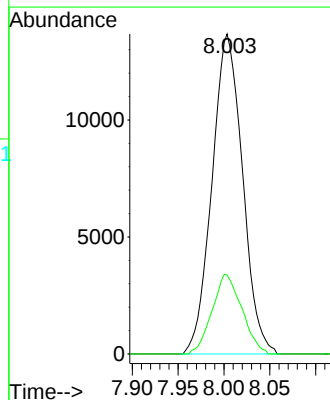
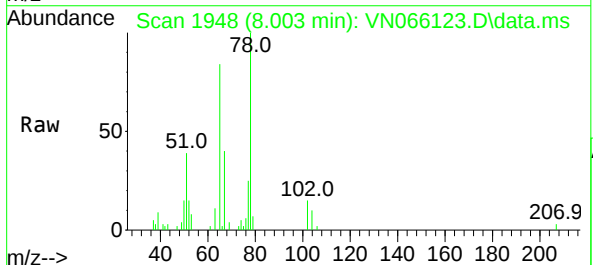
RT: 8.003 min Scan# 1948

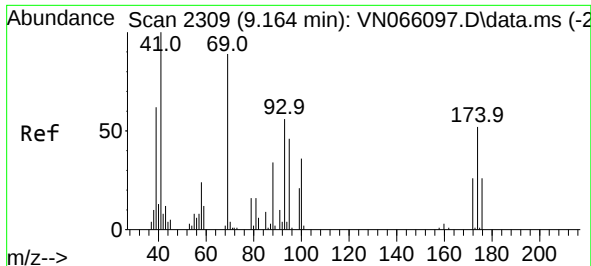
Delta R.T. 0.000 min

Lab File: VN066123.D

Acq: 3 Mar 2021 14:41

Tgt Ion:	78	Resp:	31670
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4

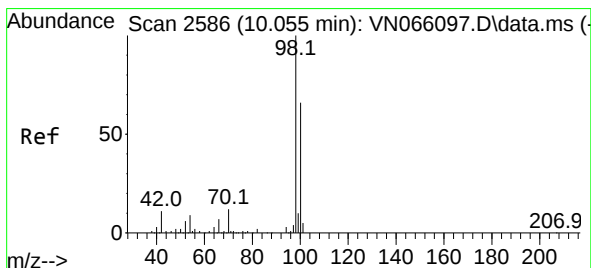
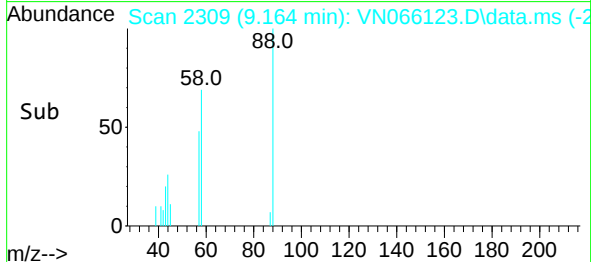
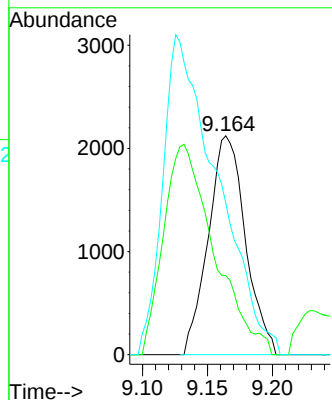
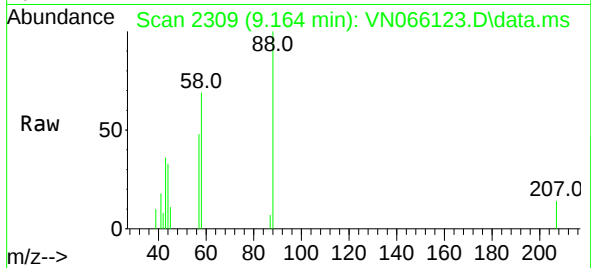




#49
1,4-Dioxane
Concen: 344.02 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. 0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

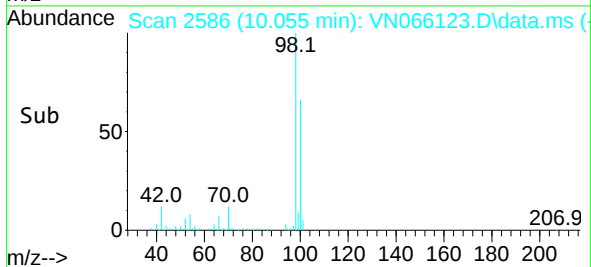
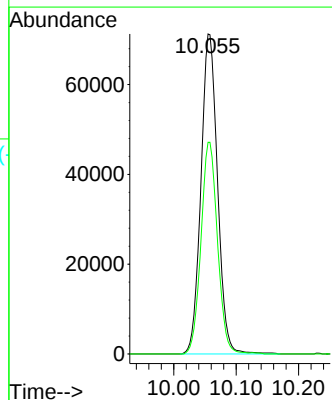
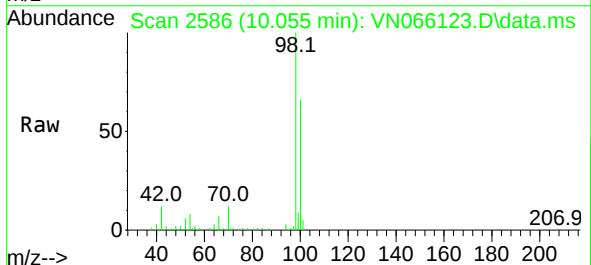
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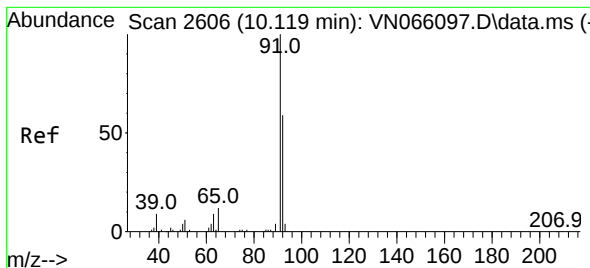
Tgt Ion: 88 Resp: 4219
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 52.6 78.8#



#50
Toluene-d8
Concen: 50.58 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion: 98 Resp: 131818
Ion Ratio Lower Upper
98 100
100 65.8 50.5 75.7





#52

Toluene

Concen: 25.21 ug/l

RT: 10.122 min Scan# 2607

Delta R.T. 0.003 min

Lab File: VN066123.D

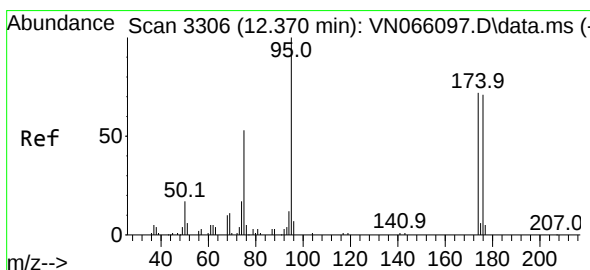
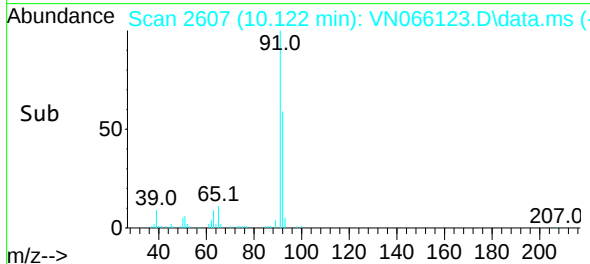
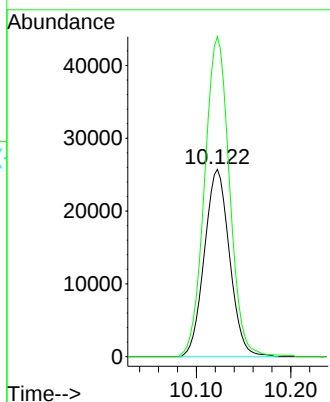
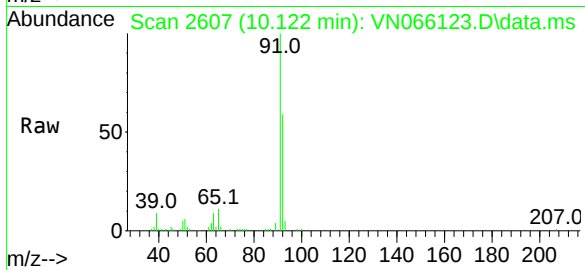
Acq: 3 Mar 2021 14:41

Tgt Ion: 92 Resp: 47571

Ion Ratio Lower Upper

92 100

91 169.9 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 56.38 ug/l

RT: 12.373 min Scan# 3307

Delta R.T. 0.003 min

Lab File: VN066123.D

Acq: 3 Mar 2021 14:41

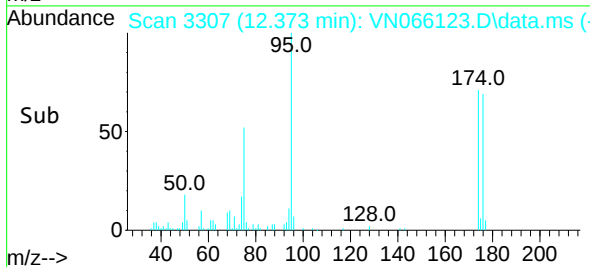
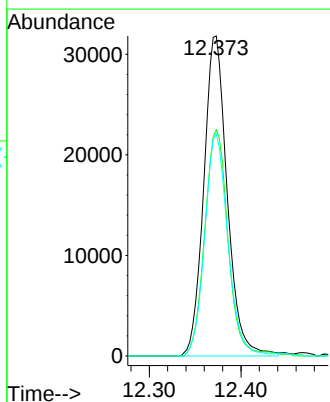
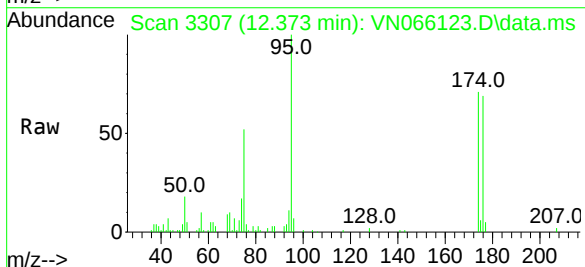
Tgt Ion: 95 Resp: 56593

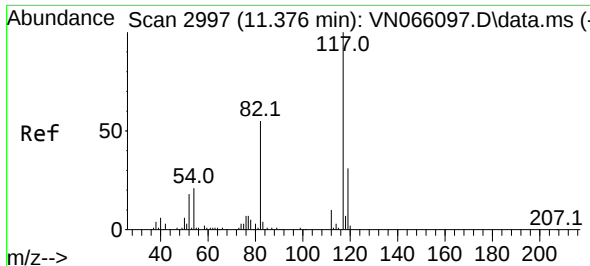
Ion Ratio Lower Upper

95 100

174 70.6 0.0 169.0

176 68.5 0.0 162.4

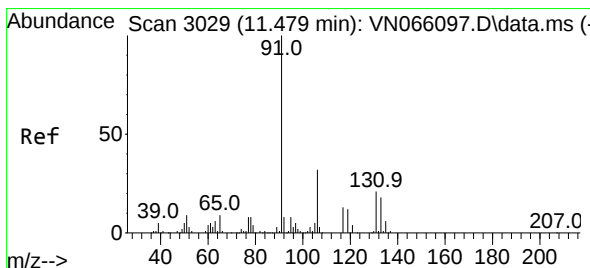
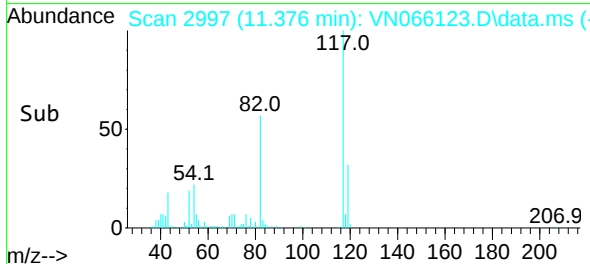
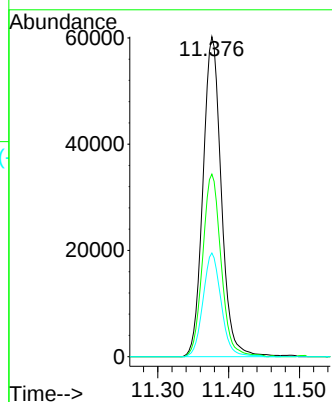
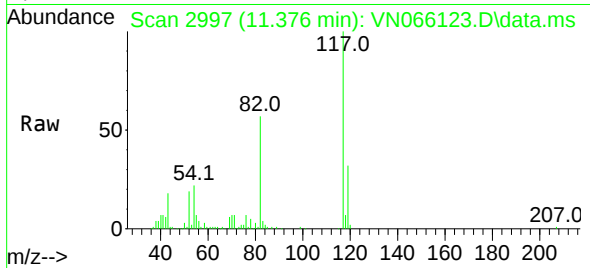




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

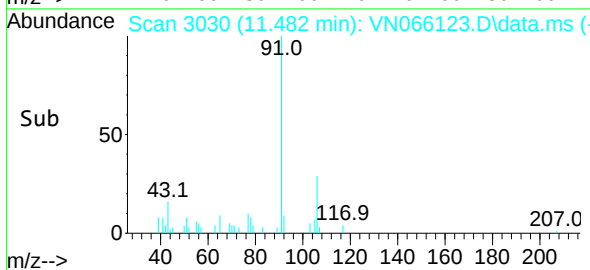
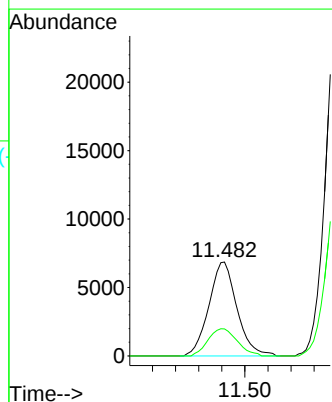
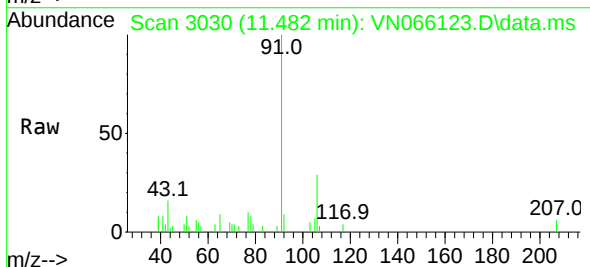
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

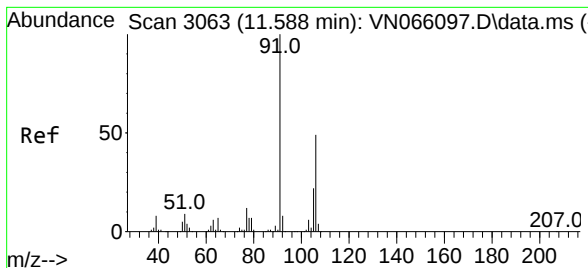
Tgt Ion:117 Resp: 108210
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.4 26.1 39.1



#67
Ethyl Benzene
Concen: 2.84 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion: 91 Resp: 11579
Ion Ratio Lower Upper
91 100
106 28.8 25.5 38.3

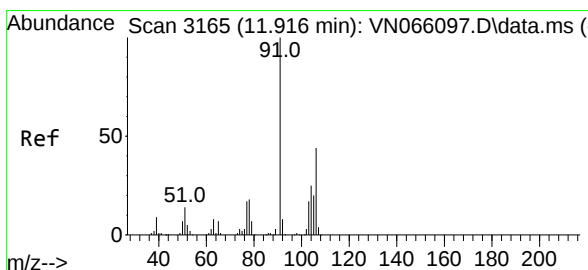
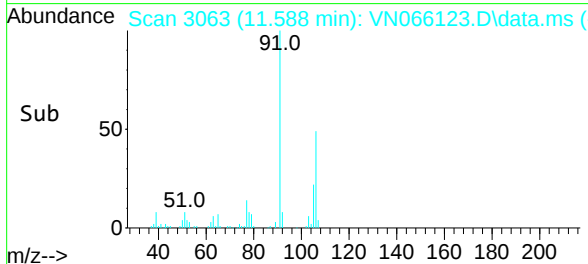
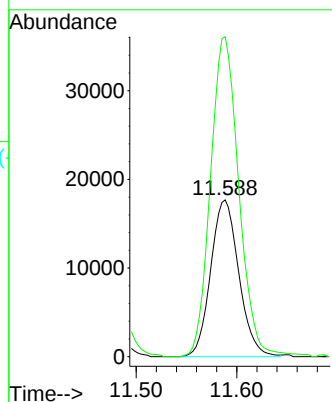
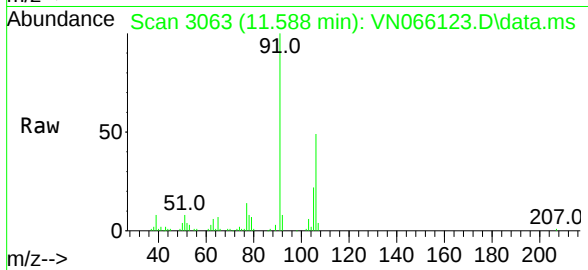




#68
m/p-Xylenes
Concen: 21.83 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. 0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

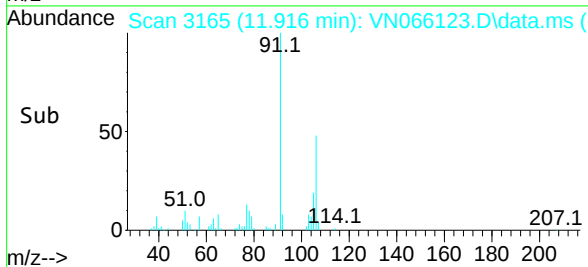
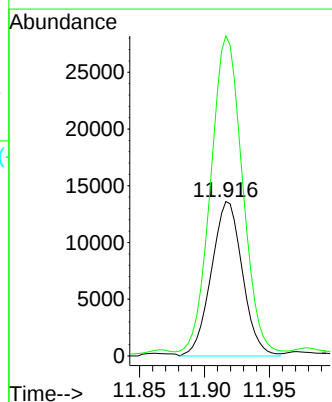
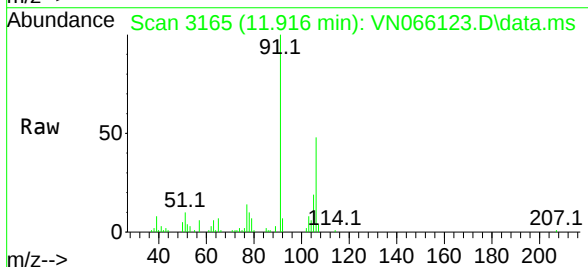
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

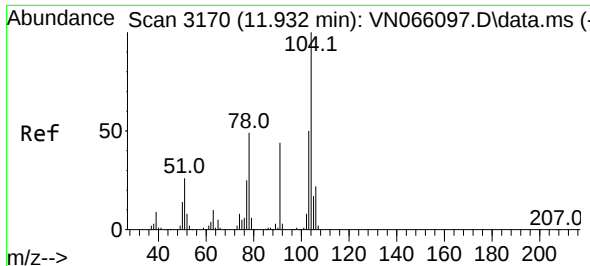
Tgt Ion:106 Resp: 34323
Ion Ratio Lower Upper
106 100
91 206.5 161.4 242.0



#69
o-Xylene
Concen: 14.74 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion:106 Resp: 22625
Ion Ratio Lower Upper
106 100
91 209.3 106.8 320.4

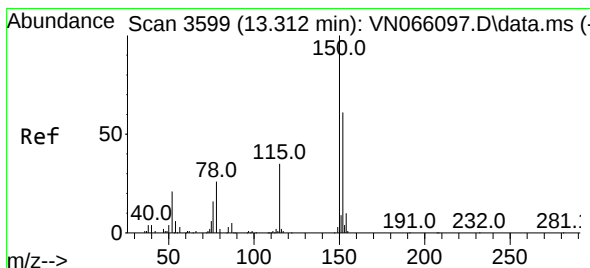
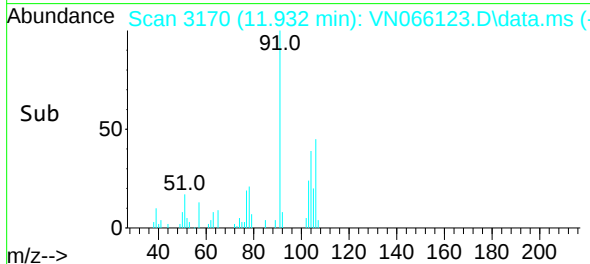
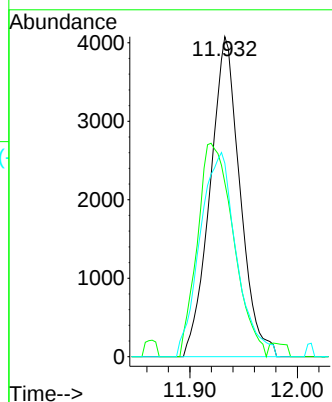
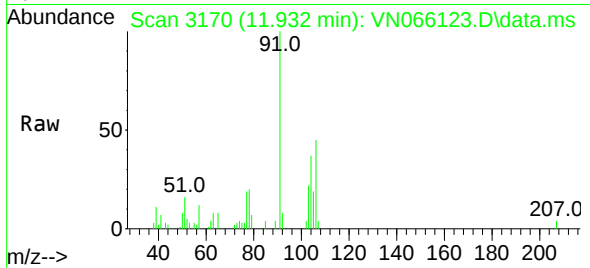




#70
Styrene
Concen: 3.27 ug/l
RT: 11.932 min Scan# 3170
Delta R.T. 0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

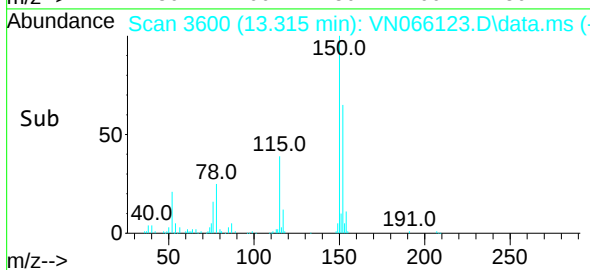
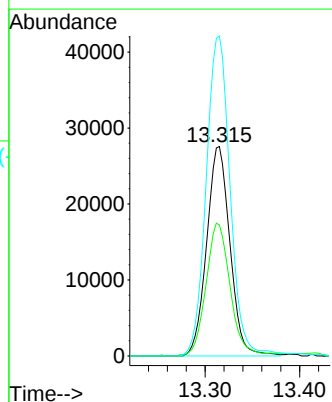
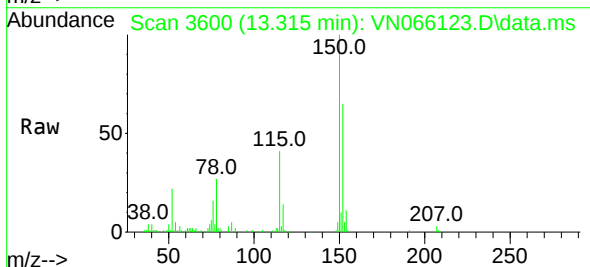
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

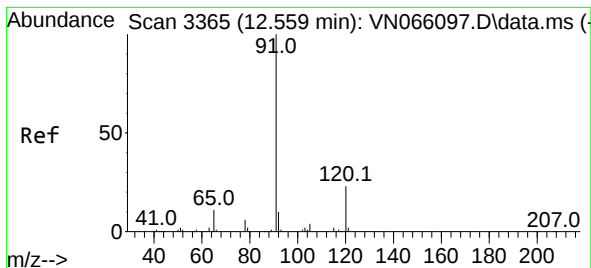
Tgt Ion:104 Resp: 7899
Ion Ratio Lower Upper
104 100
78 80.3 39.0 58.4#
103 77.6 44.5 66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion:152 Resp: 47242
Ion Ratio Lower Upper
152 100
115 65.3 28.5 85.6
150 157.0 0.0 347.6

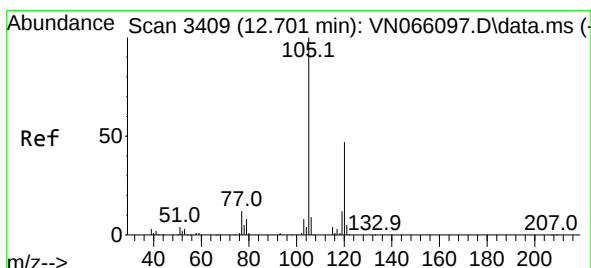
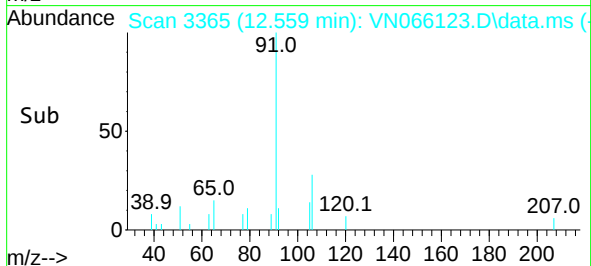
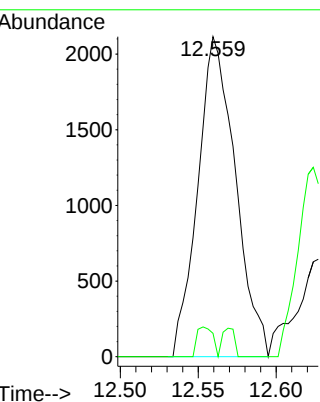
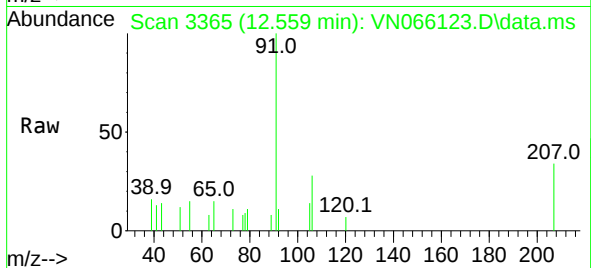




#78
n-propylbenzene
Concen: 0.84 ug/l
RT: 12.559 min Scan# 3365
Delta R.T. 0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

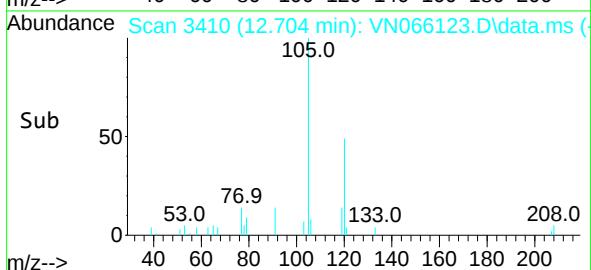
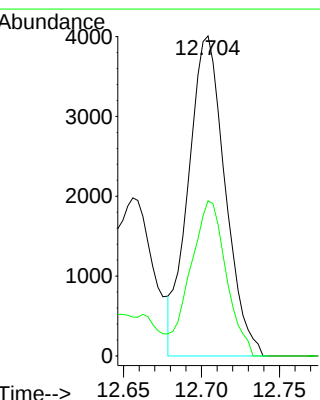
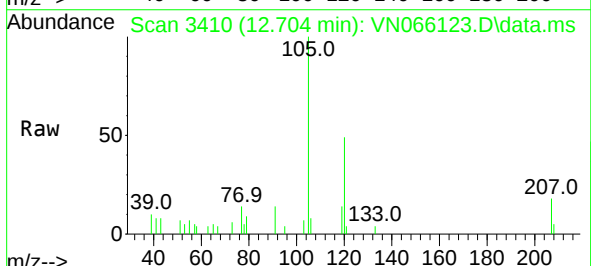
Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

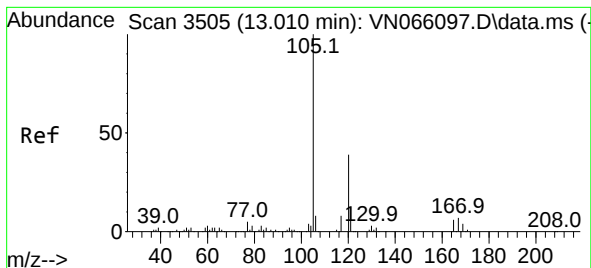
Tgt Ion: 91 Resp: 3547
Ion Ratio Lower Upper
91 100
120 3.9 11.8 35.3#



#80
1,3,5-Trimethylbenzene
Concen: 1.91 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion: 105 Resp: 6569
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.8

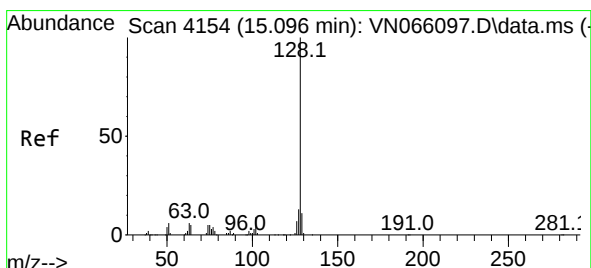
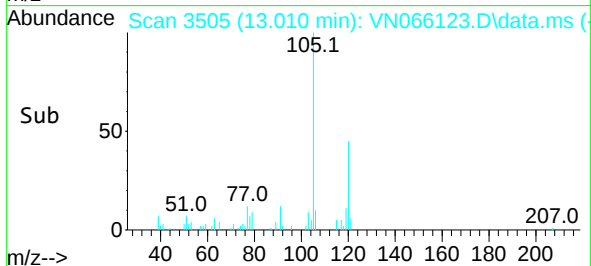
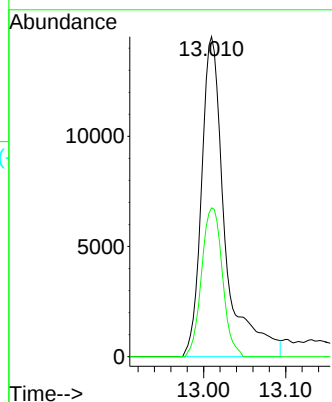
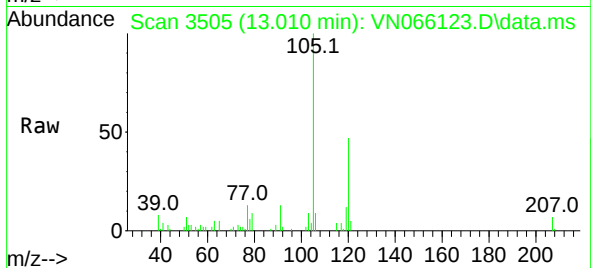




#84
1,2,4-Trimethylbenzene
Concen: 8.63 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Instrument :
MSVOA_N
ClientSampleId :
COMP-41071-72

Tgt Ion:105 Resp: 28930
Ion Ratio Lower Upper
105 100
120 41.1 22.4 67.0



#95
Naphthalene
Concen: 58.79 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. 0.000 min
Lab File: VN066123.D
Acq: 3 Mar 2021 14:41

Tgt Ion:128 Resp: 154793
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.6 8.6 13.0

