

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066083.D
 Acq On : 1 Mar 2021 17:53
 Operator : JC/MD
 Sample : M1485-06 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 32937

Quant Time: Mar 01 21:44:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	108040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	176782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	169187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	71793	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	73965	48.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.92%
35) Dibromofluoromethane	7.550	113	54054	49.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.82%
50) Toluene-d8	10.058	98	218899	48.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.48%
62) 4-Bromofluorobenzene	12.373	95	86547	51.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.66%

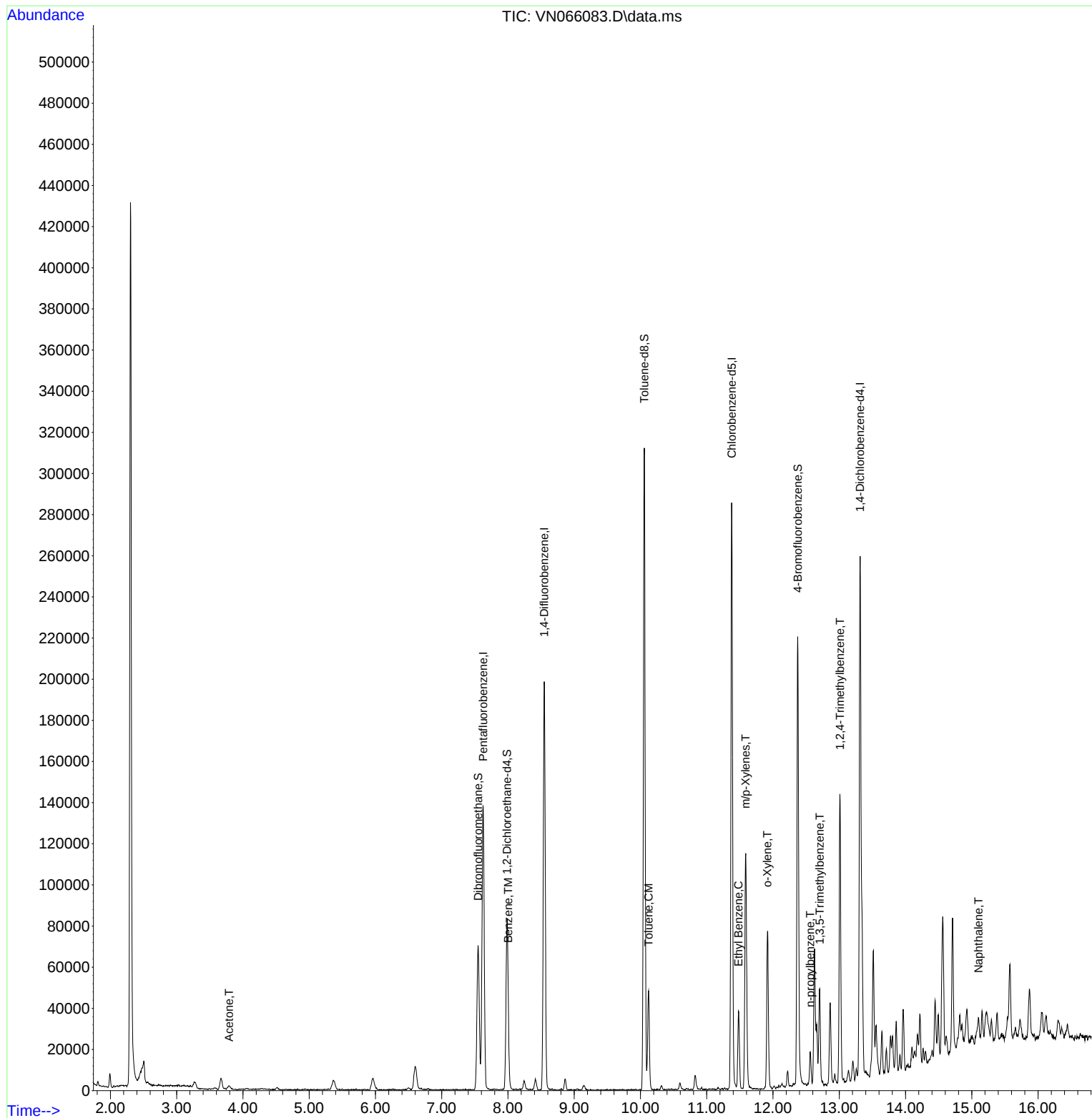
Target Compounds						Qvalue
16) Acetone	3.792	43	3192	5.15	ug/l	97
40) Benzene	8.004	78	6732	1.26	ug/l #	90
52) Toluene	10.122	92	21395	6.51	ug/l	95
67) Ethyl Benzene	11.479	91	29610	4.62	ug/l	94
68) m/p-Xylenes	11.589	106	36366	15.22	ug/l	94
69) o-Xylene	11.917	106	22906	9.94	ug/l	99
78) n-propylbenzene	12.563	91	14153	2.12	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	20831	4.18	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	83490	16.71	ug/l	99
95) Naphthalene	15.100	128	9135	5.12	ug/l	96

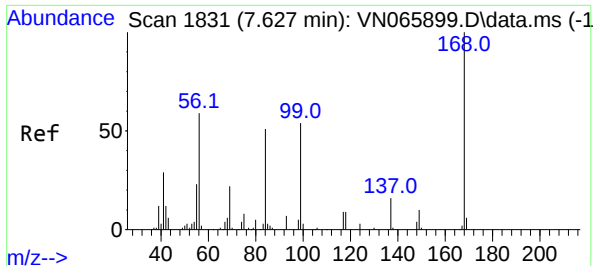
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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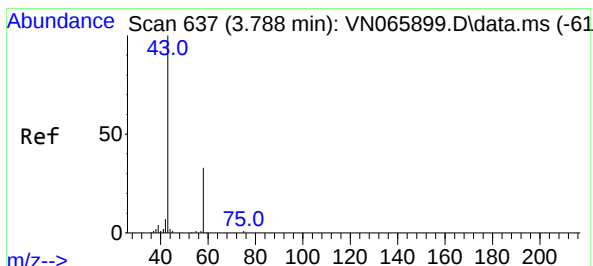
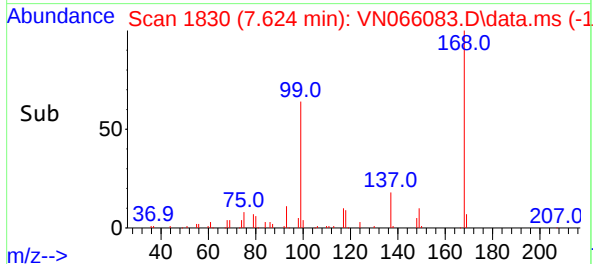
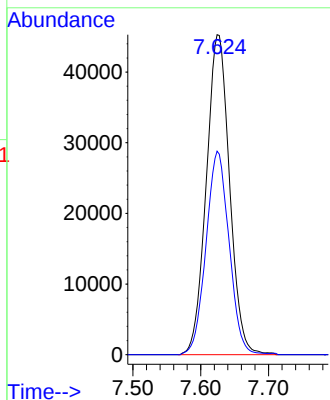
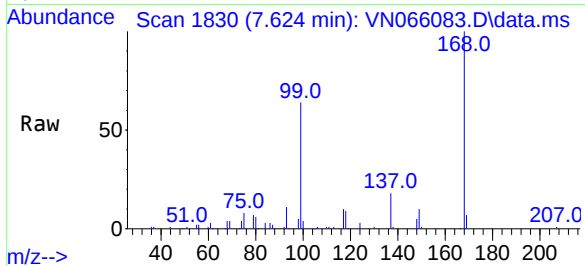




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

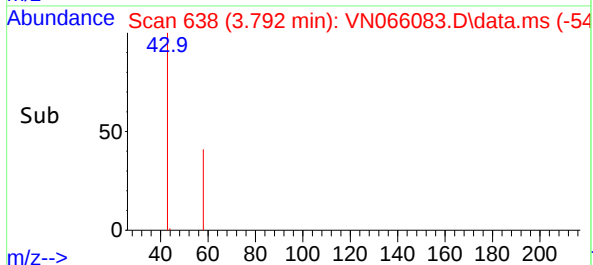
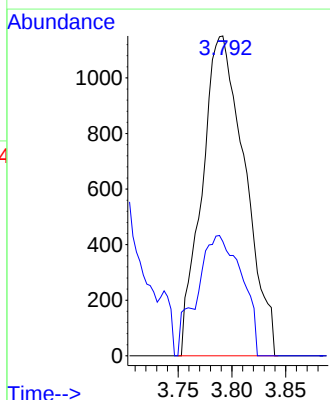
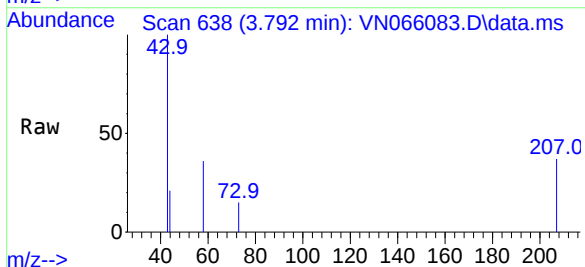
Instrument :
MSVOA_N
ClientSampleId :
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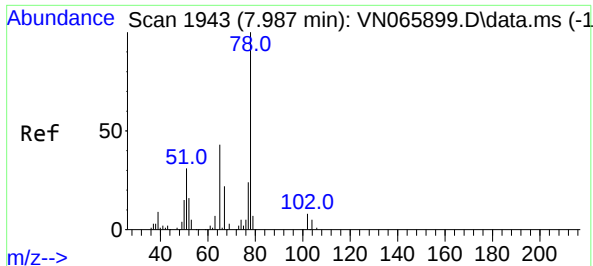
Tgt Ion:168 Resp: 108040
Ion Ratio Lower Upper
168 100
99 63.6 42.6 63.8



#16
Acetone
Concen: 5.15 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.004 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion: 43 Resp: 3192
Ion Ratio Lower Upper
43 100
58 35.7 27.0 40.6

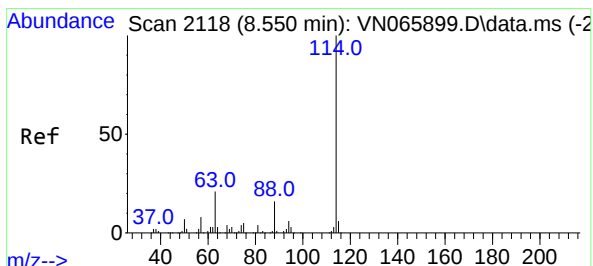
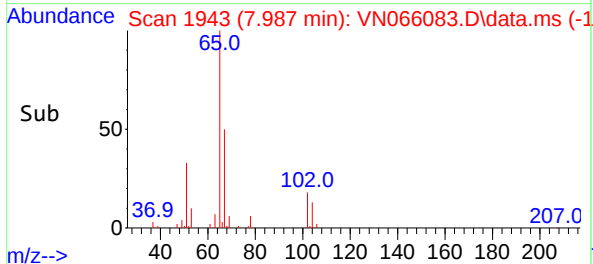
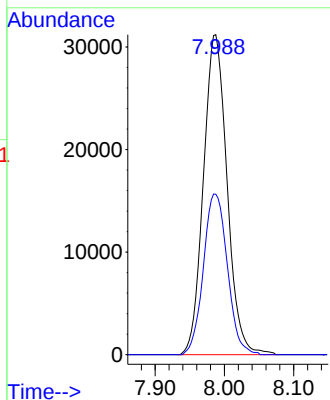
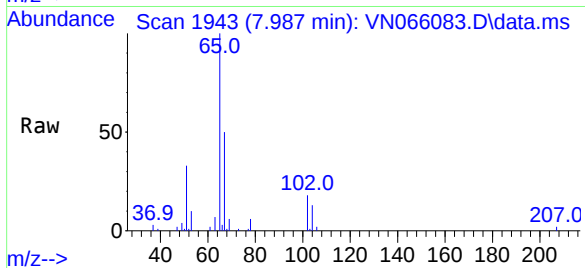




#33
1,2-Dichloroethane-d4
Concen: 48.96 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

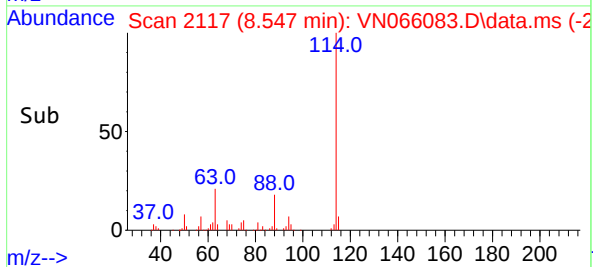
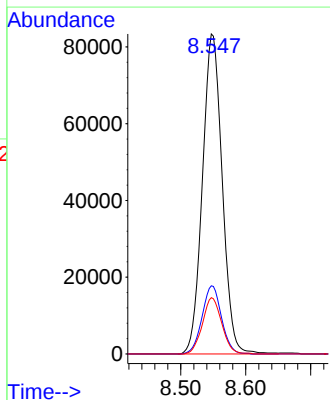
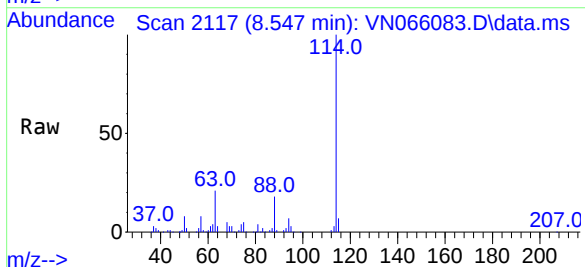
Instrument :
MSVOA_N
ClientSampled :
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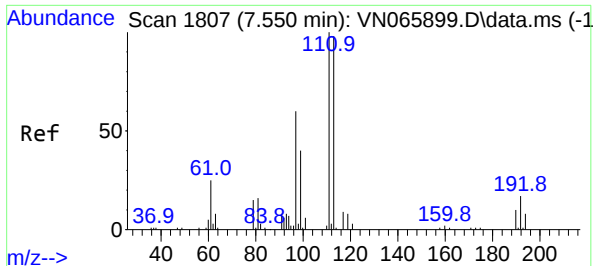
Tgt Ion: 65 Resp: 73965
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion: 114 Resp: 176782
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 17.6 0.0 30.6

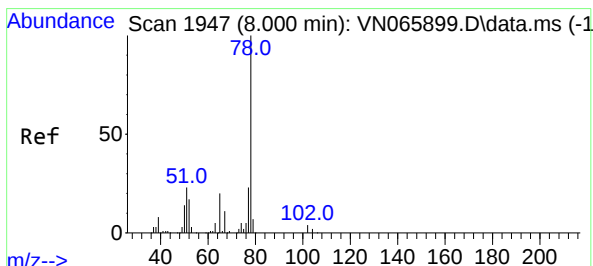
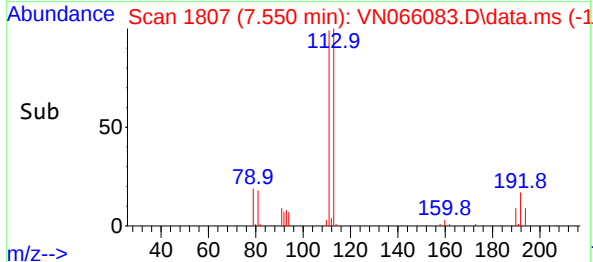
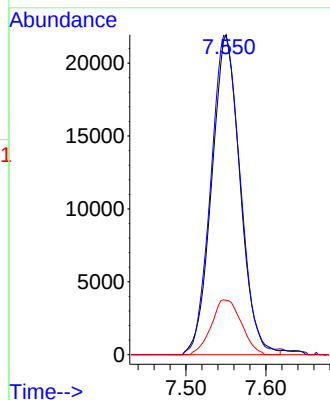
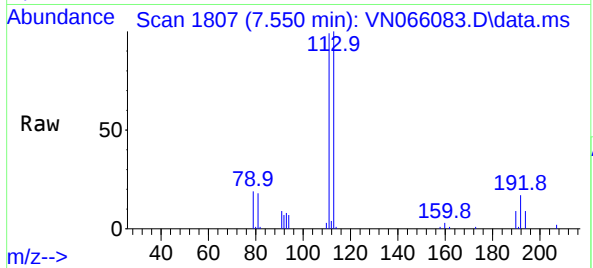




#35
Dibromofluoromethane
Concen: 49.41 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

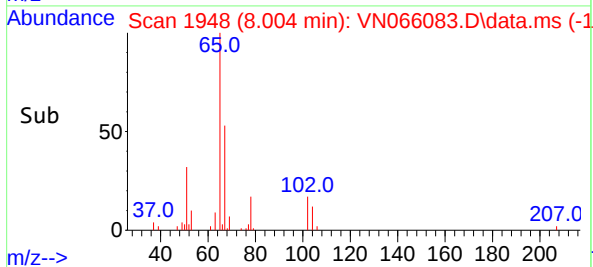
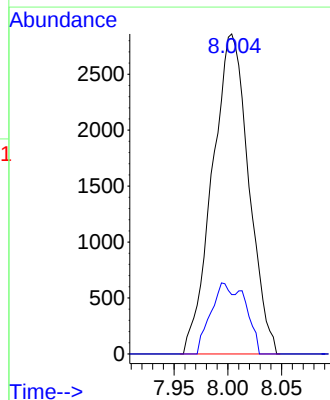
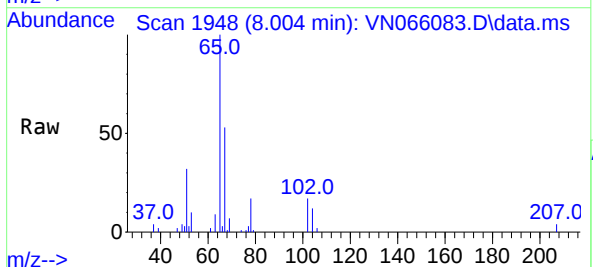
Instrument :
MSVOA_N
ClientSampled :
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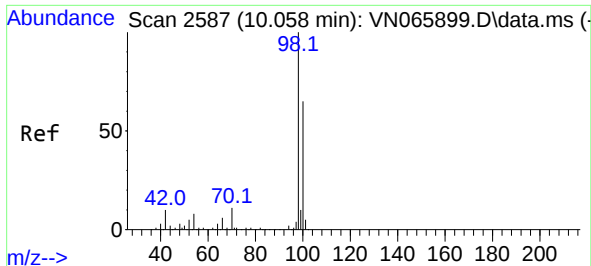
Tgt Ion:113 Resp: 54054
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.1 15.4 23.0



#40
Benzene
Concen: 1.26 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. 0.004 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion: 78 Resp: 6732
Ion Ratio Lower Upper
78 100
77 18.6 19.0 28.4#

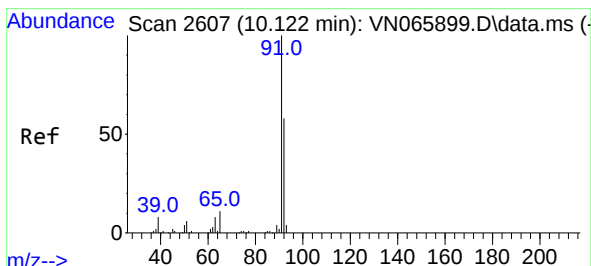
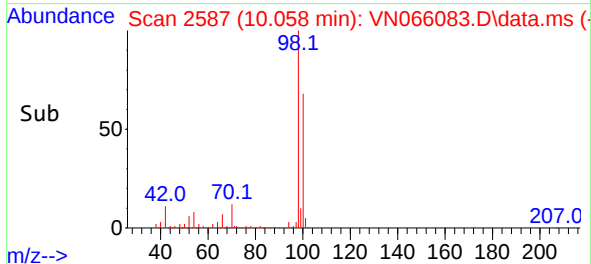
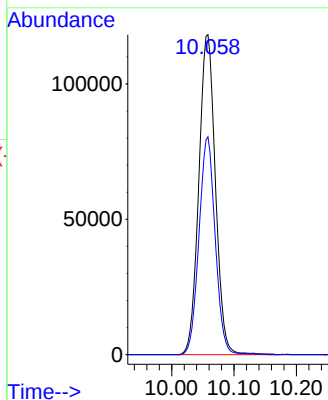
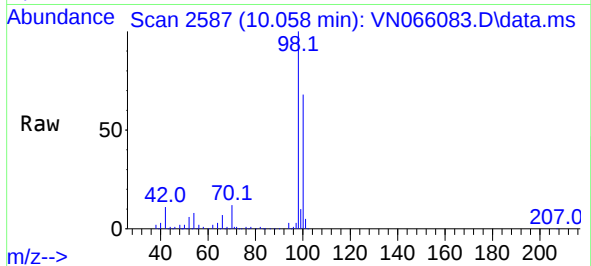




#50
Toluene-d8
Concen: 48.74 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

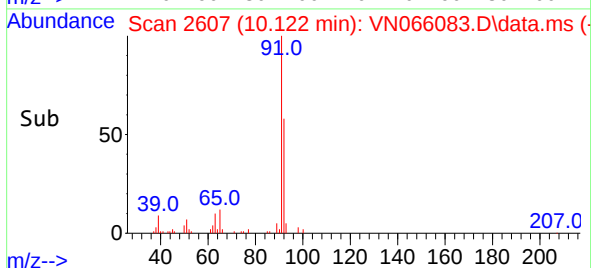
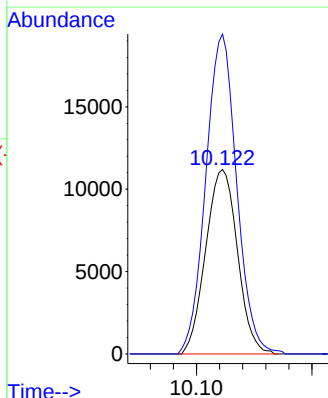
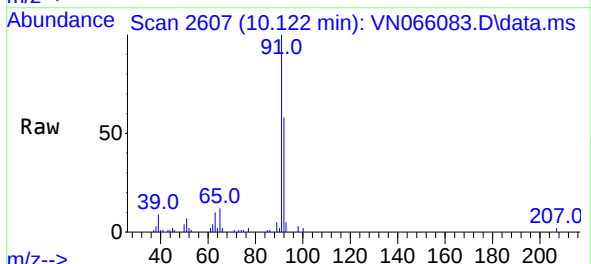
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ClientSampled :
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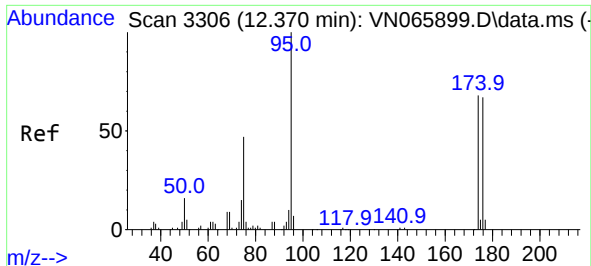
Tgt Ion: 98 Resp: 218899
Ion Ratio Lower Upper
98 100
100 66.6 50.5 75.7



#52
Toluene
Concen: 6.51 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion: 92 Resp: 21395
Ion Ratio Lower Upper
92 100
91 168.6 140.7 211.1

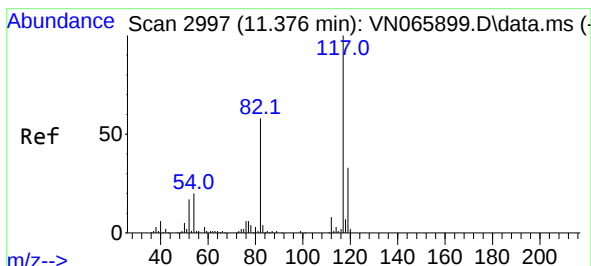
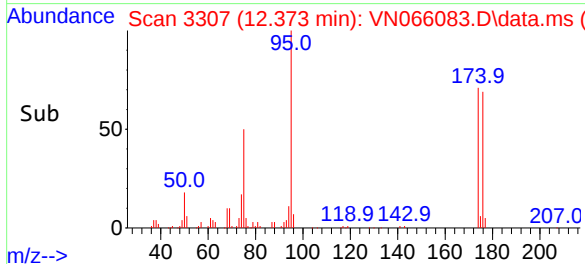
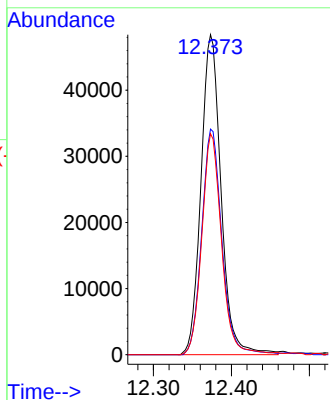
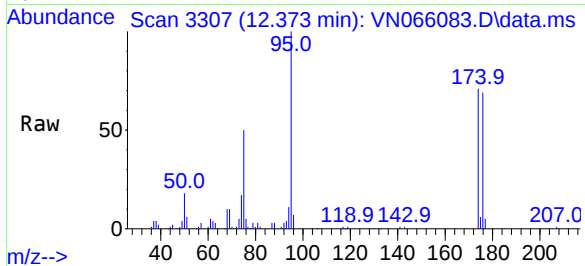




#62
4-Bromofluorobenzene
Concen: 51.33 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

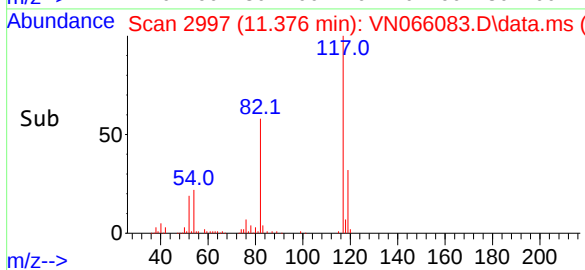
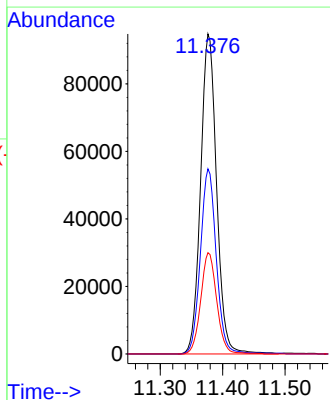
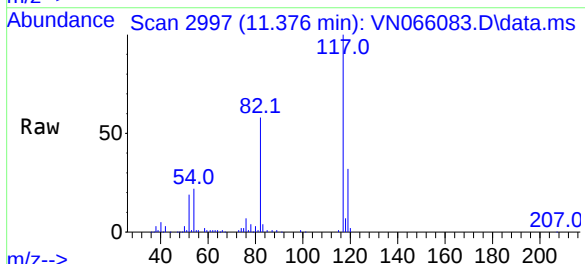
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ClientSampled :
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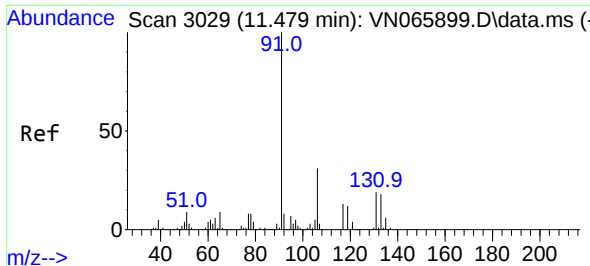
Tgt Ion: 95 Resp: 86547
Ion Ratio Lower Upper
95 100
174 70.8 0.0 169.0
176 67.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion:117 Resp: 169187
Ion Ratio Lower Upper
117 100
82 57.9 43.7 65.5
119 31.7 26.1 39.1

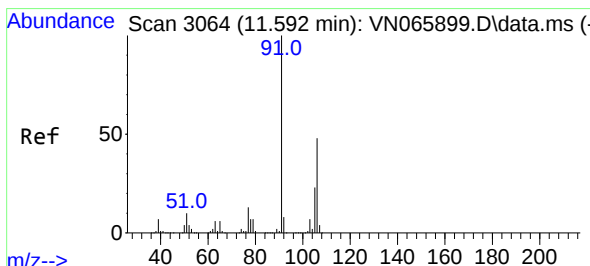
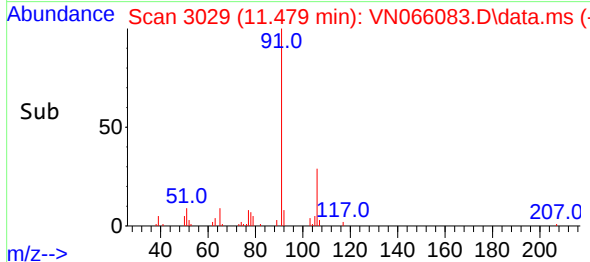
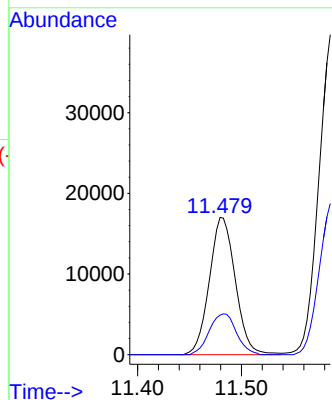
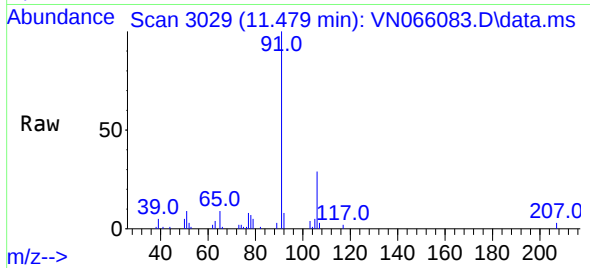




#67
Ethyl Benzene
Concen: 4.62 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

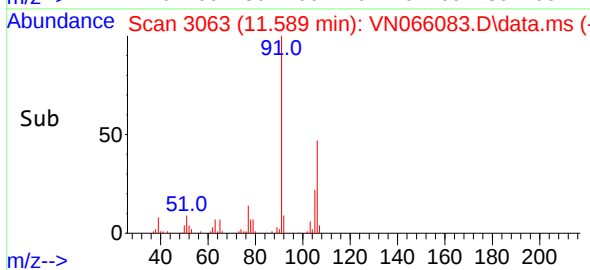
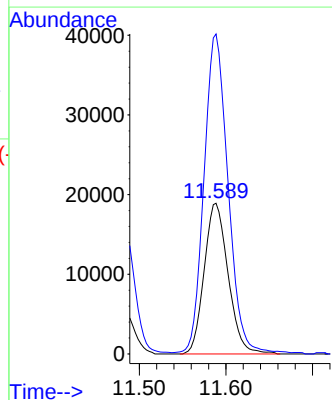
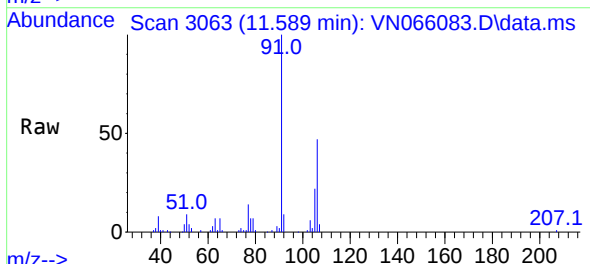
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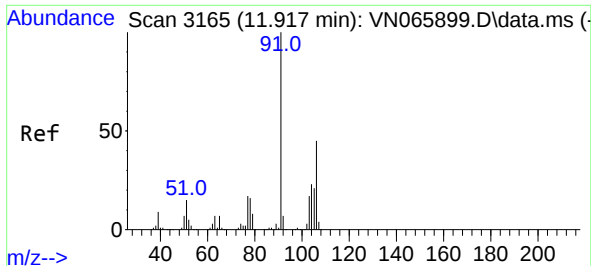
Tgt Ion: 91 Resp: 29610
Ion Ratio Lower Upper
91 100
106 28.8 25.5 38.3



#68
m/p-Xylenes
Concen: 15.22 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion:106 Resp: 36366
Ion Ratio Lower Upper
106 100
91 211.3 161.4 242.0

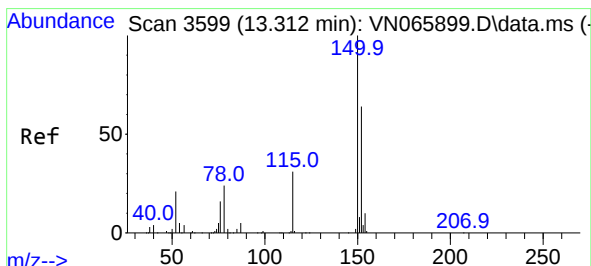
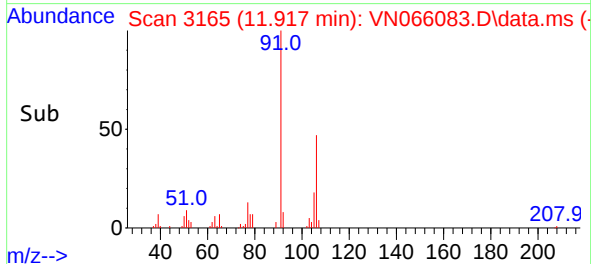
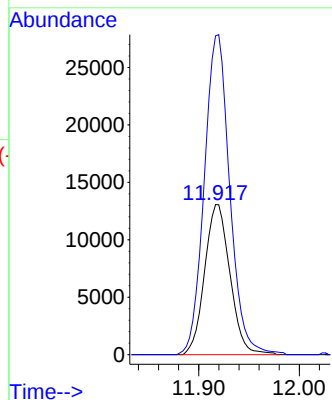
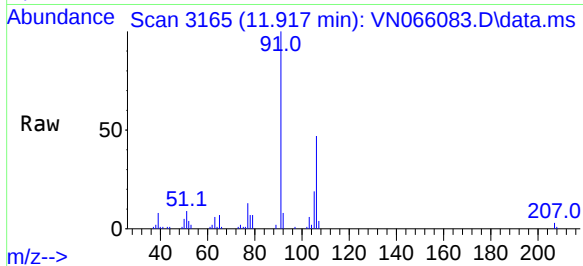




#69
o-Xylene
Concen: 9.94 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

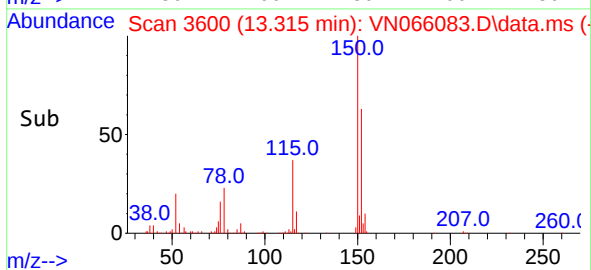
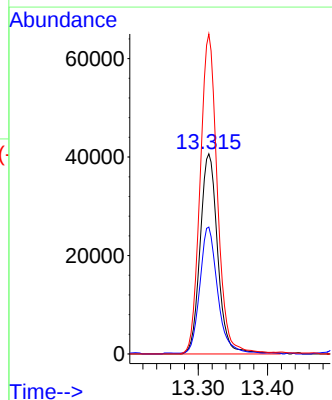
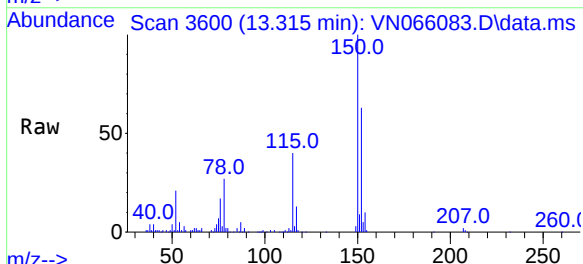
Instrument :
MSVOA_N
ClientSampled :
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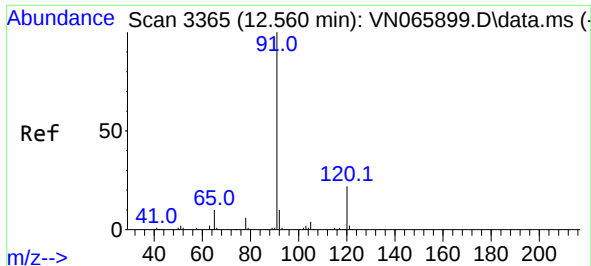
Tgt Ion:106 Resp: 22906
Ion Ratio Lower Upper
106 100
91 214.7 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion:152 Resp: 71793
Ion Ratio Lower Upper
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115 62.9 28.5 85.6
150 156.6 0.0 347.6

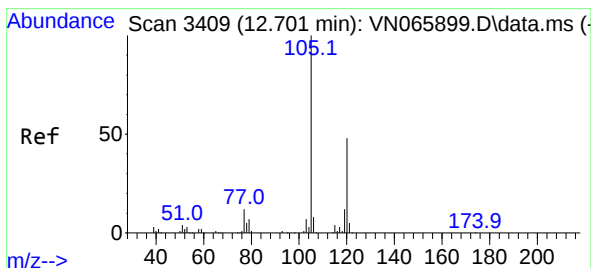
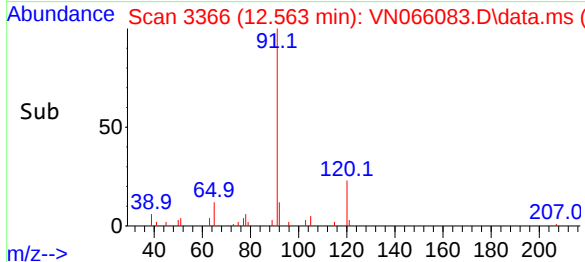
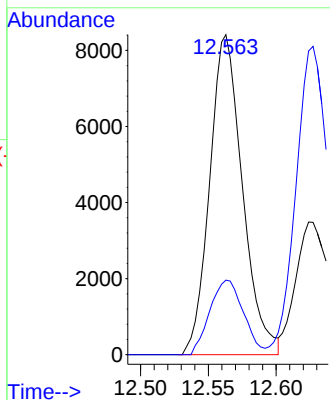
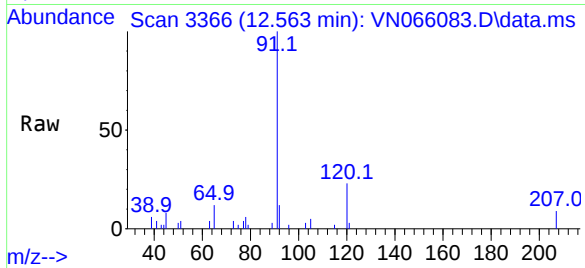




#78
n-propylbenzene
Concen: 2.12 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

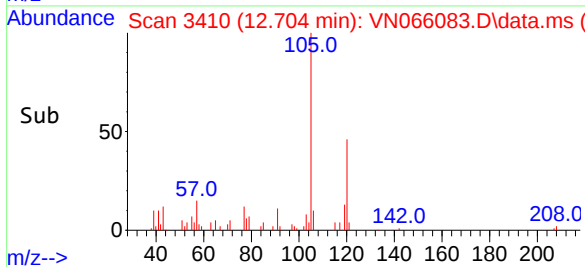
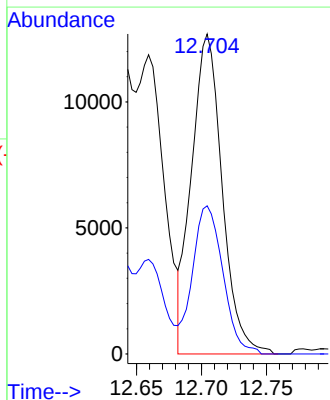
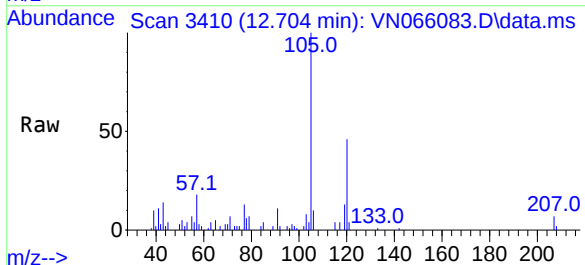
Instrument :
MSVOA_N
ClientSampled :
32937

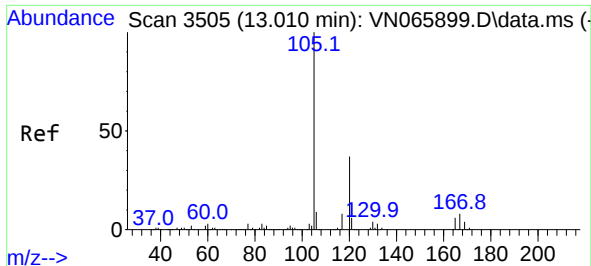
Tgt Ion: 91 Resp: 14153
Ion Ratio Lower Upper
91 100
120 23.9 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 4.18 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion: 105 Resp: 20831
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.8

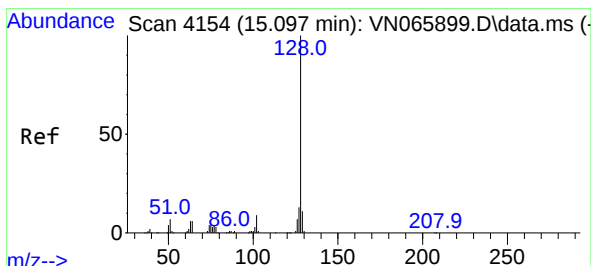
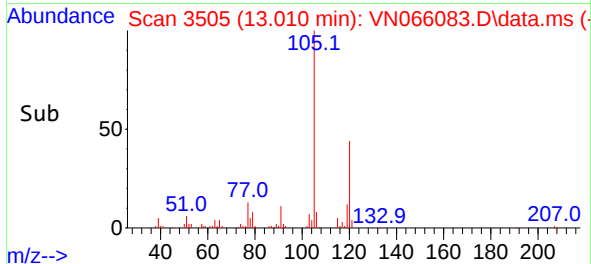
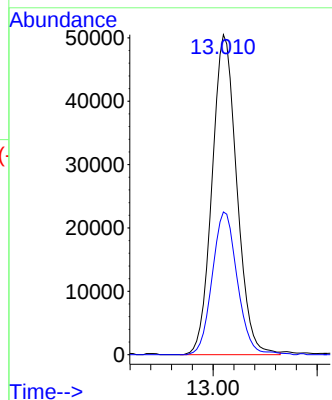
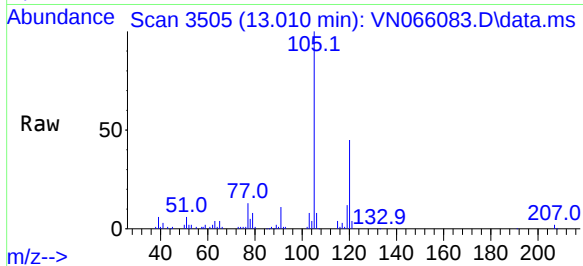




#84
1,2,4-Trimethylbenzene
Concen: 16.71 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Instrument :
MSVOA_N
ClientSampled :
32937

Tgt Ion:105 Resp: 83490
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.0



#95
Naphthalene
Concen: 5.12 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066083.D
Acq: 1 Mar 2021 17:53

Tgt Ion:128 Resp: 9135
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 8.8 8.6 13.0

