

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066081.D
 Acq On : 1 Mar 2021 17:05
 Operator : JC/MD
 Sample : M1508-04DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1159-1160DL

Quant Time: Mar 01 22:26:17 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)

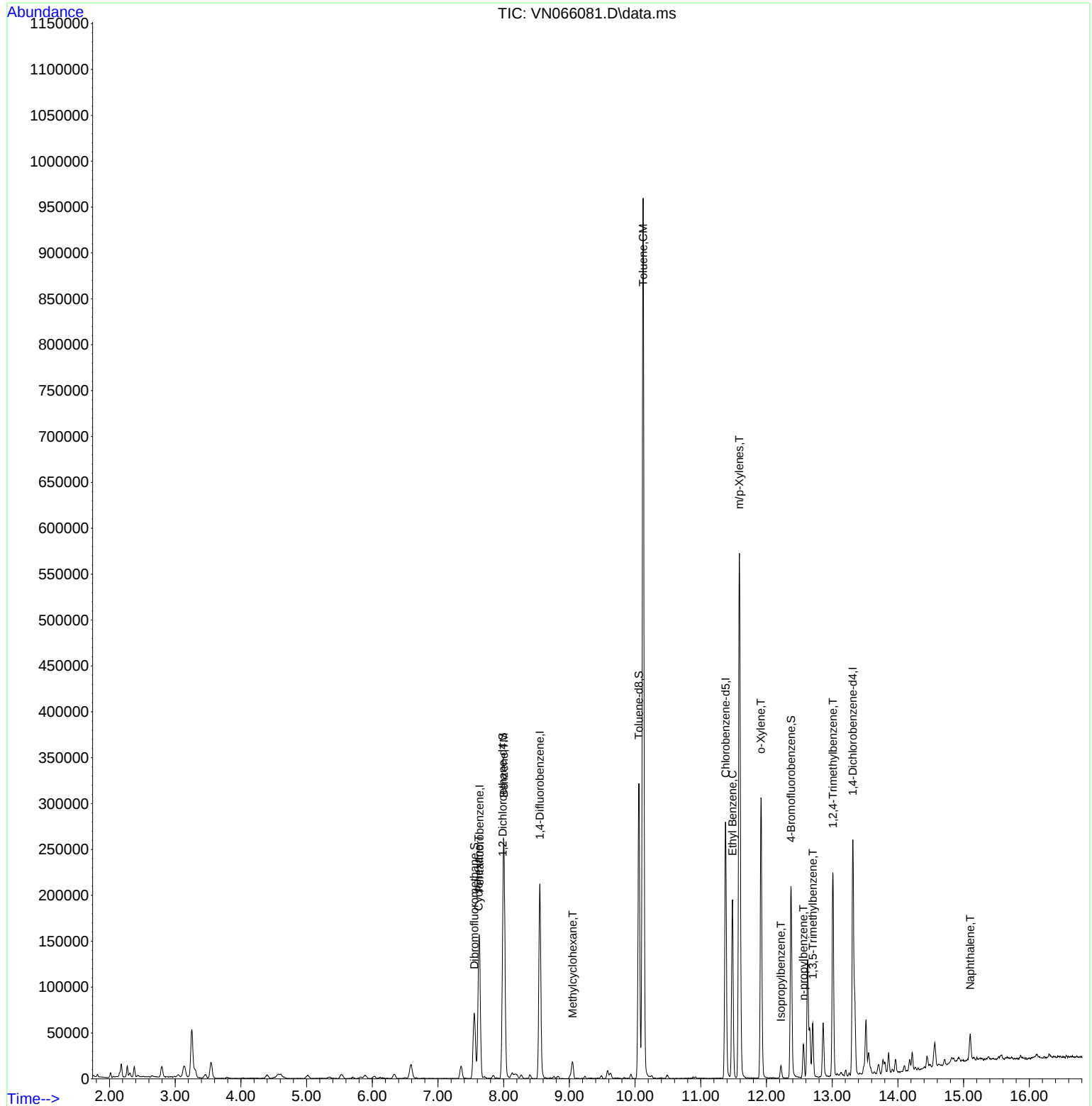
Internal Standards						
1) Pentafluorobenzene	7.631	168	114254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	184723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	168910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	72512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	76814	48.08	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.16%
35) Dibromofluoromethane	7.553	113	56713	49.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.22%
50) Toluene-d8	10.058	98	225428	48.04	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.08%
62) 4-Bromofluorobenzene	12.373	95	83357	47.32	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.64%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.618	56	13851	5.81	ug/l	# 82
39) Methylcyclohexane	9.049	83	8997	4.40	ug/l	97
40) Benzene	8.004	78	227878	40.78	ug/l	100
52) Toluene	10.122	92	431589	125.75	ug/l	95
67) Ethyl Benzene	11.483	91	144940	22.67	ug/l	99
68) m/p-Xylenes	11.589	106	187179	78.46	ug/l	95
69) o-Xylene	11.917	106	86268	37.50	ug/l	96
73) Isopropylbenzene	12.222	105	10148	1.71	ug/l	99
78) n-propylbenzene	12.563	91	30803	4.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	34108	6.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	133772	26.51	ug/l	100
95) Naphthalene	15.100	128	24899	8.61	ug/l	98

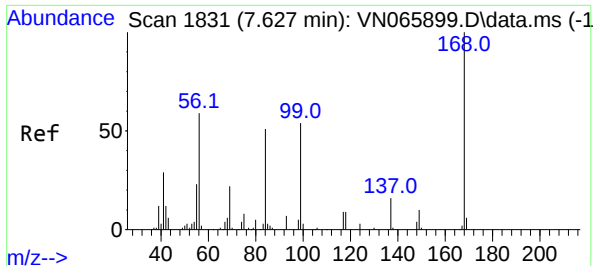
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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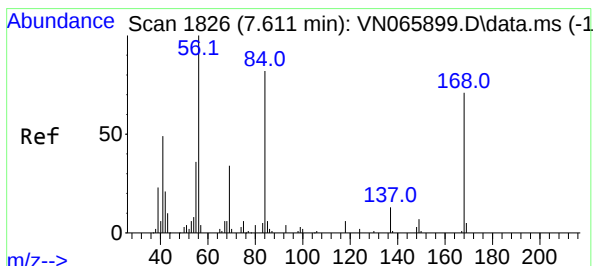
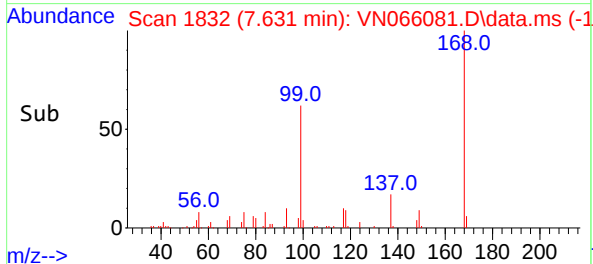
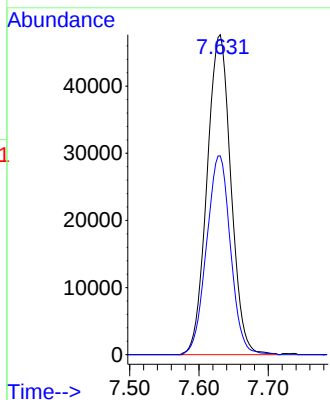
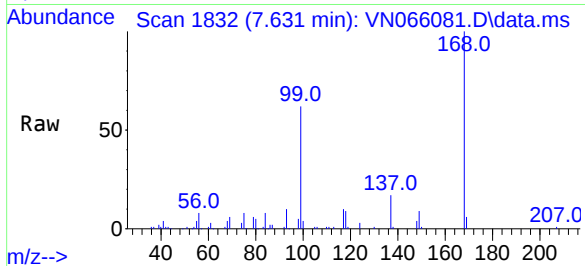




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

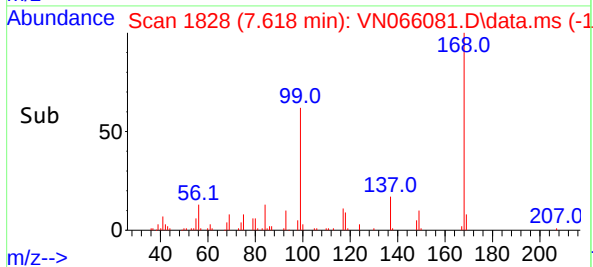
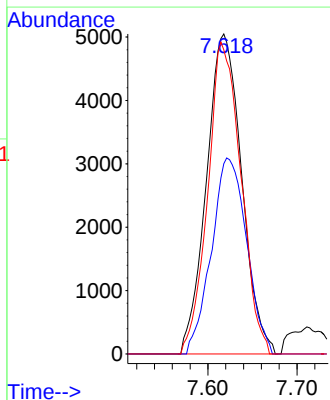
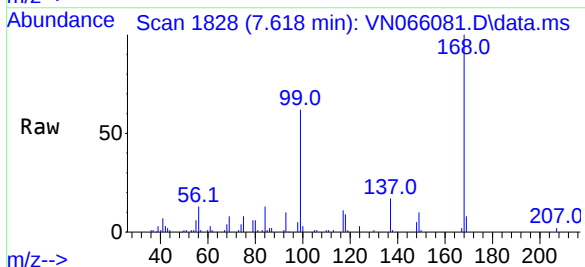
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160DL

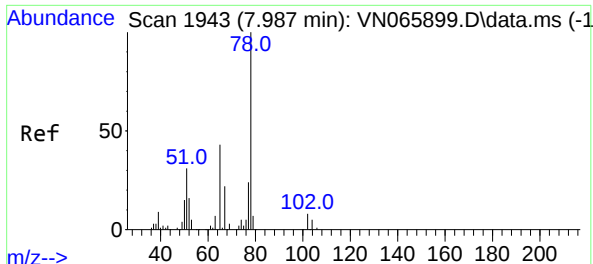
Tgt Ion:168 Resp: 114254
Ion Ratio Lower Upper
168 100
99 62.1 42.6 63.8



#31
Cyclohexane
Concen: 5.81 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion: 56 Resp: 13851
Ion Ratio Lower Upper
56 100
69 59.5 26.6 39.8#
84 95.0 70.4 105.6

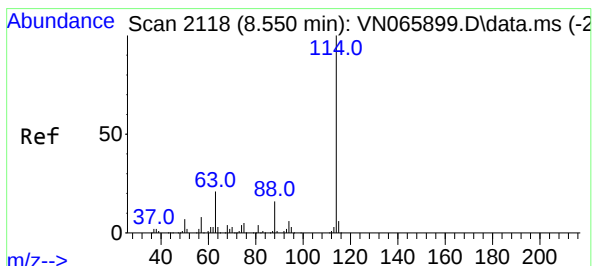
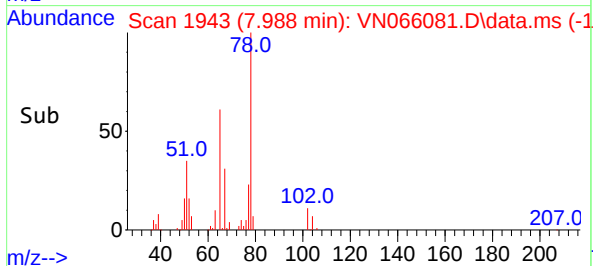
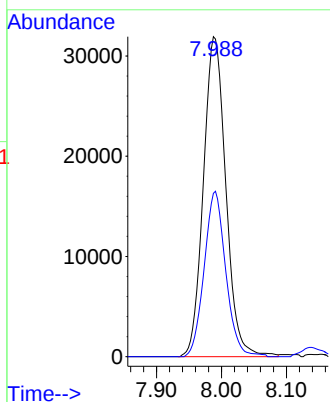
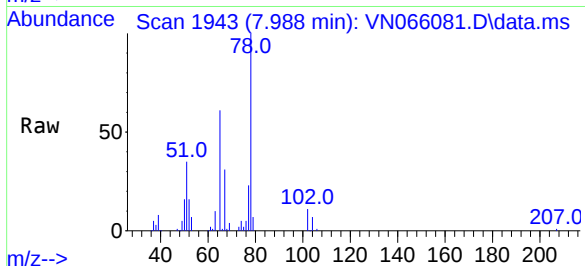




#33
1,2-Dichloroethane-d4
Concen: 48.08 ug/l
RT: 7.988 min Scan# 1943
Delta R.T. 0.001 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

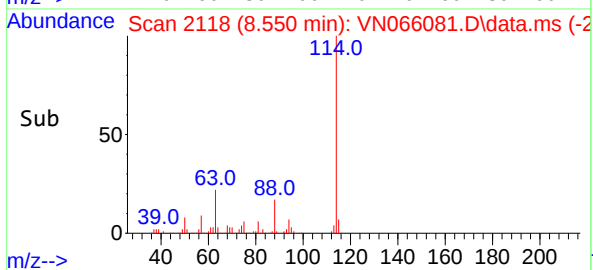
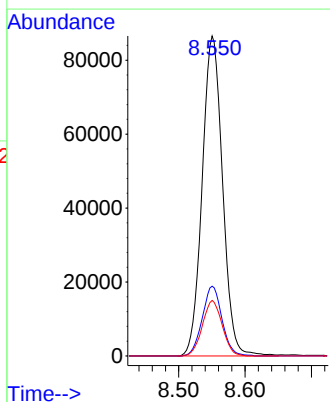
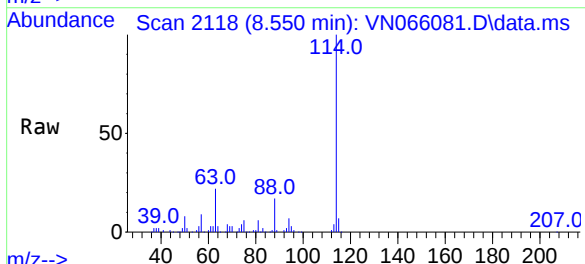
Instrument :
MSVOA_N
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TRE-1159-1160DL

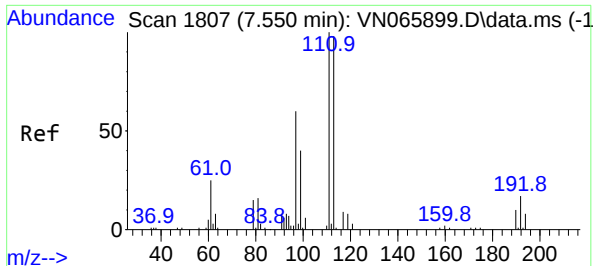
Tgt Ion: 65 Resp: 76814
Ion Ratio Lower Upper
65 100
67 49.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion: 114 Resp: 184723
Ion Ratio Lower Upper
114 100
63 21.8 0.0 38.6
88 17.4 0.0 30.6



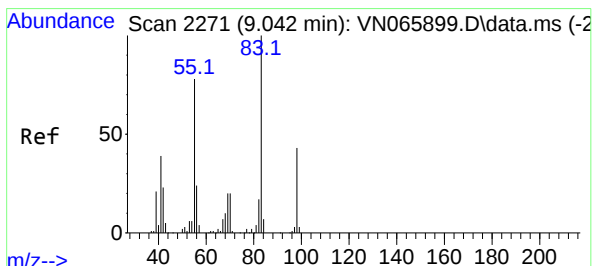
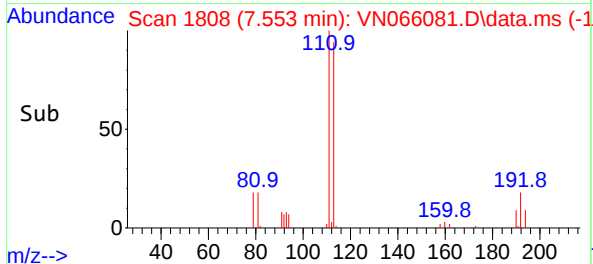
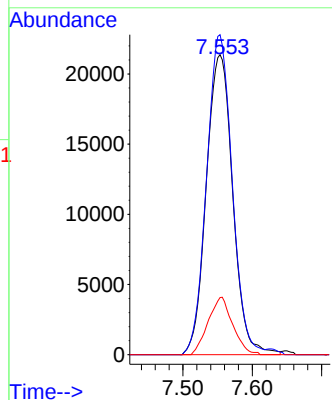
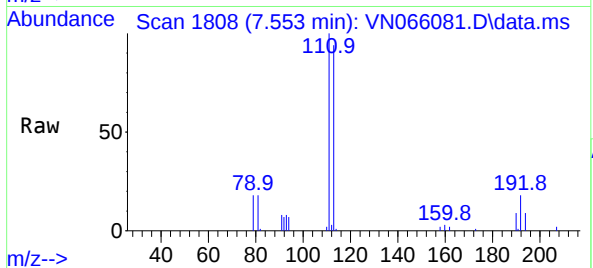


#35

Dibromofluoromethane
Concen: 49.61 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160DL

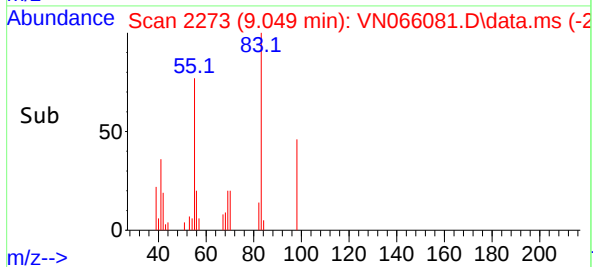
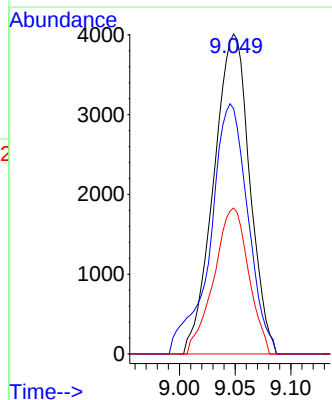
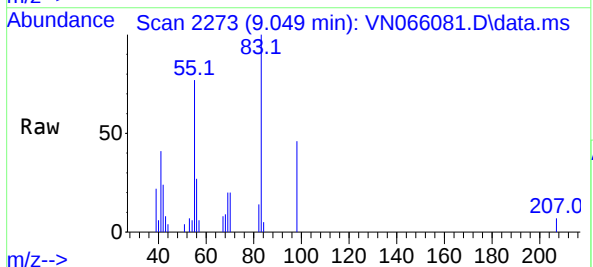
Tgt Ion:113 Resp: 56713
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 17.8 15.4 23.0

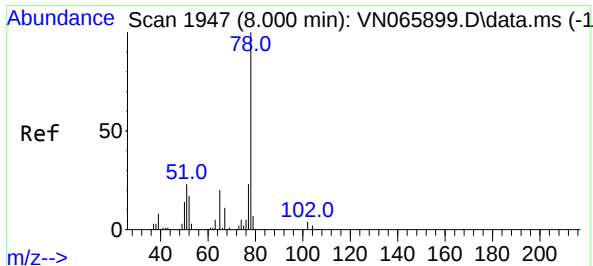


#39

Methylcyclohexane
Concen: 4.40 ug/l
RT: 9.049 min Scan# 2273
Delta R.T. 0.007 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion: 83 Resp: 8997
Ion Ratio Lower Upper
83 100
55 76.7 58.9 88.3
98 45.6 35.9 53.9





#40

Benzene

Concen: 40.78 ug/l

RT: 8.004 min Scan# 1948

Delta R.T. 0.004 min

Lab File: VN066081.D

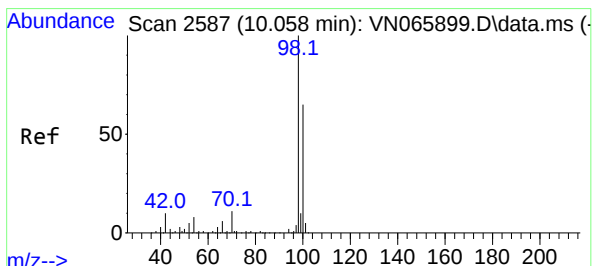
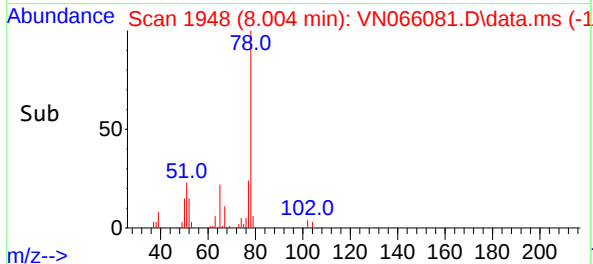
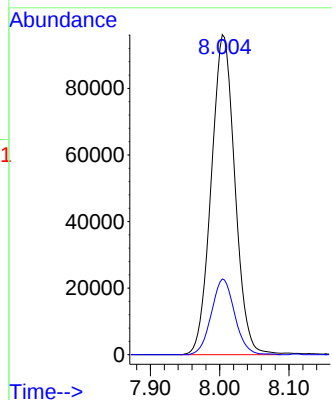
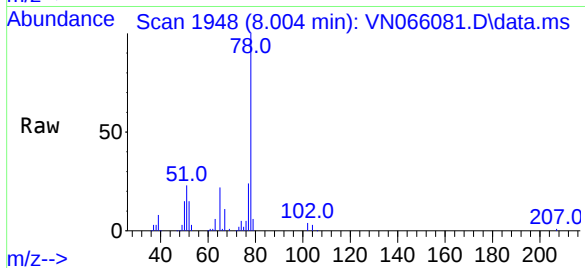
Acq: 1 Mar 2021 17:05

Tgt Ion: 78 Resp: 227878

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



#50

Toluene-d8

Concen: 48.04 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN066081.D

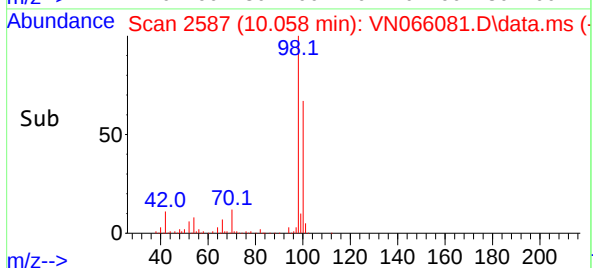
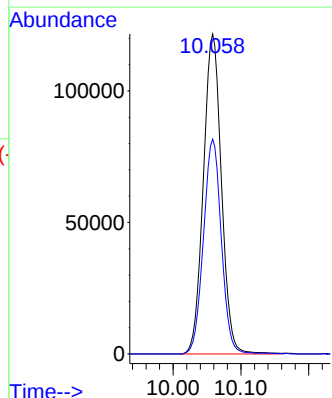
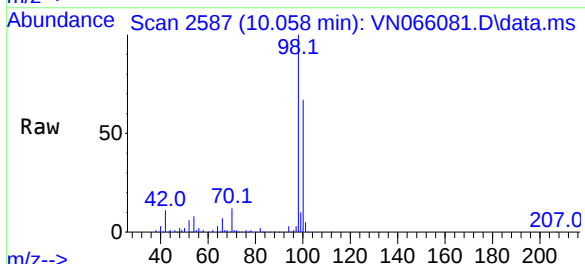
Acq: 1 Mar 2021 17:05

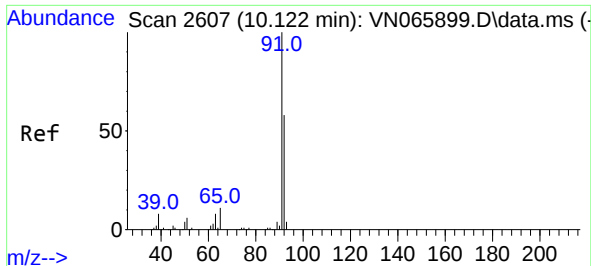
Tgt Ion: 98 Resp: 225428

Ion Ratio Lower Upper

98 100

100 66.1 50.5 75.7

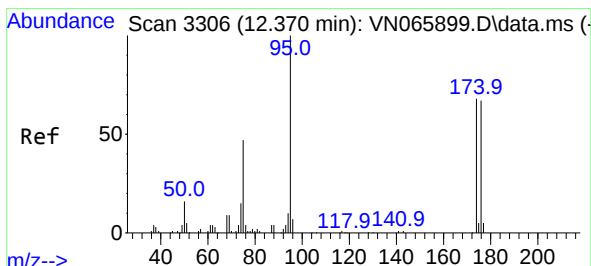
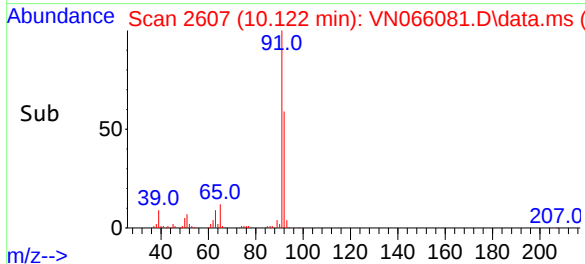
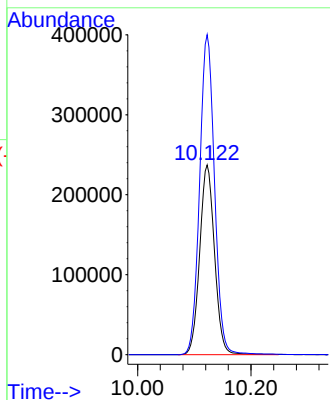
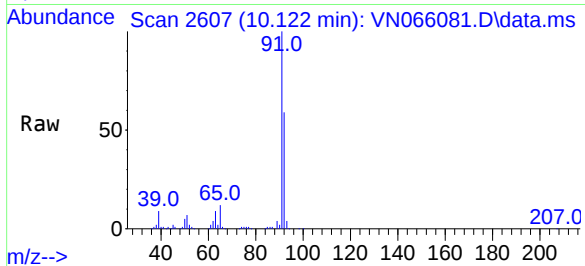




#52
Toluene
Concen: 125.75 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

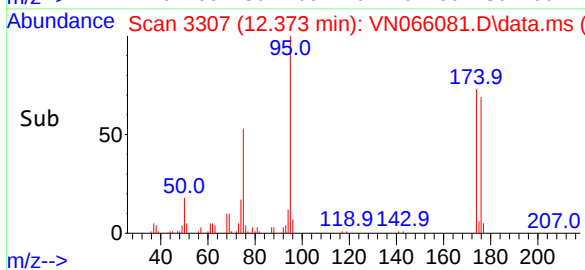
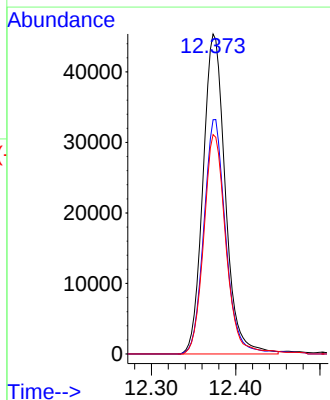
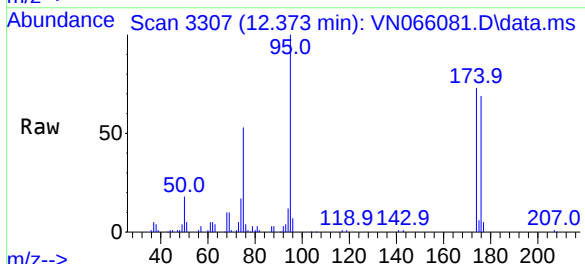
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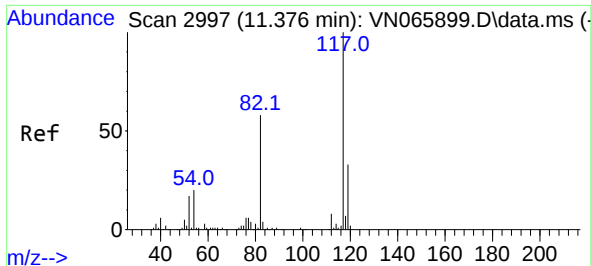
Tgt Ion: 92 Resp: 431589
Ion Ratio Lower Upper
92 100
91 169.5 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 47.32 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion: 95 Resp: 83357
Ion Ratio Lower Upper
95 100
174 71.6 0.0 169.0
176 68.5 0.0 162.4

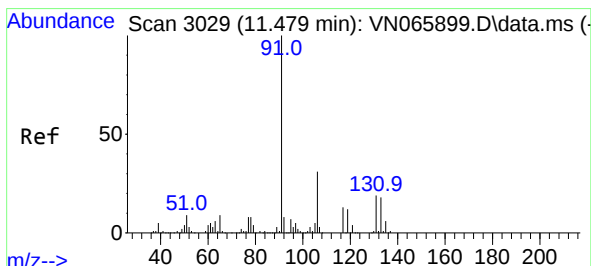
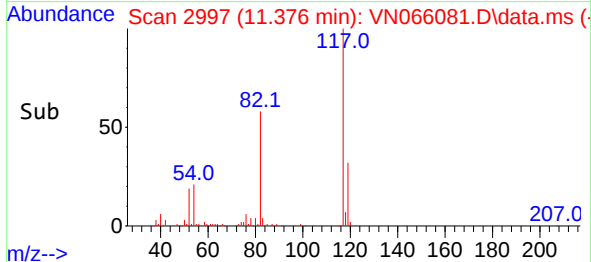
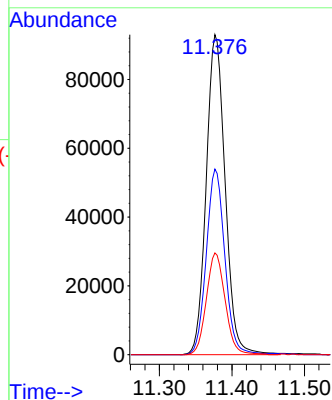
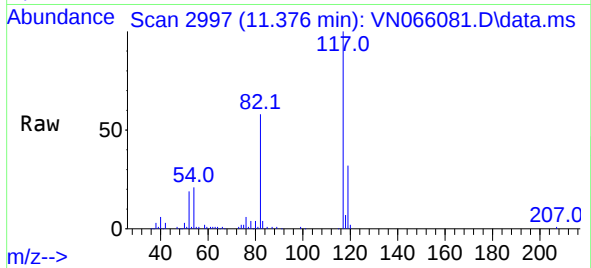




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

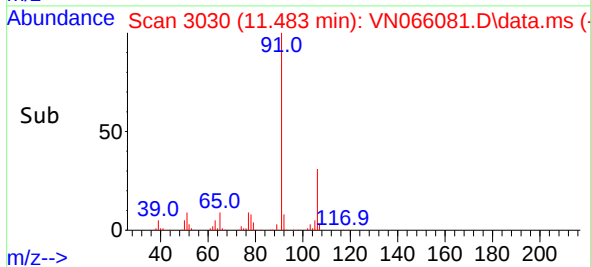
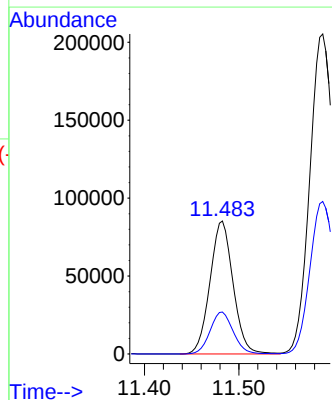
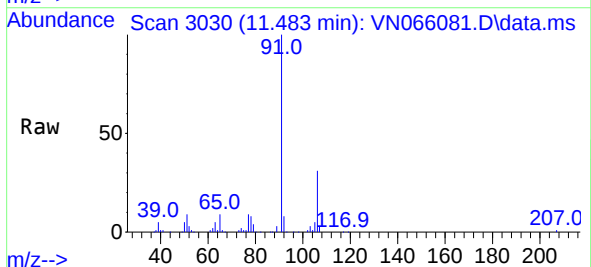
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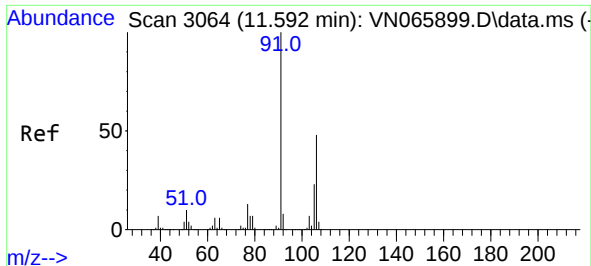
Tgt Ion:117 Resp: 168910
Ion Ratio Lower Upper
117 100
82 58.0 43.7 65.5
119 31.8 26.1 39.1



#67
Ethyl Benzene
Concen: 22.67 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.004 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion: 91 Resp: 144940
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

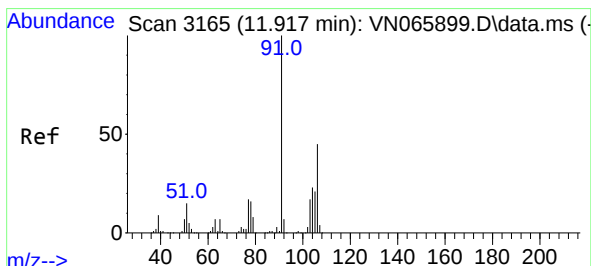
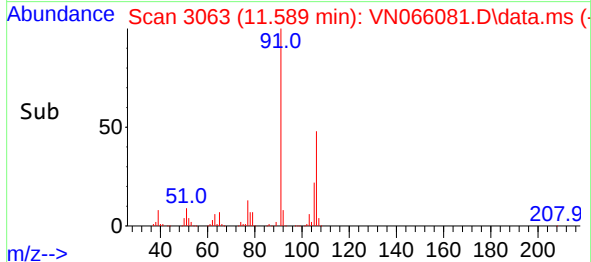
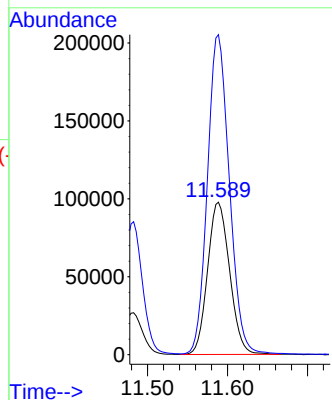
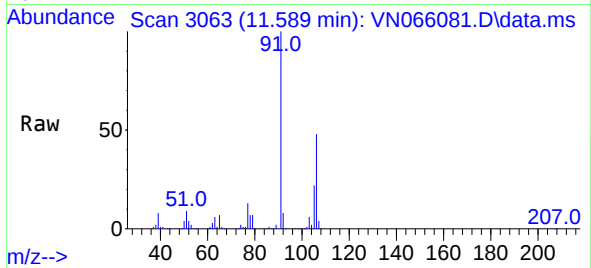




#68
m/p-Xylenes
Concen: 78.46 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

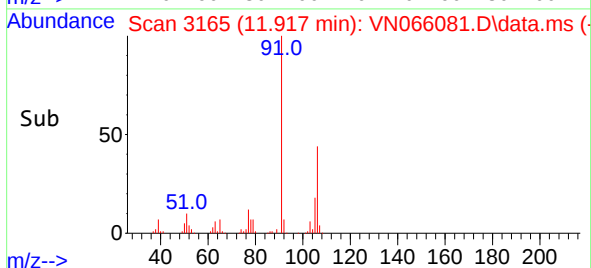
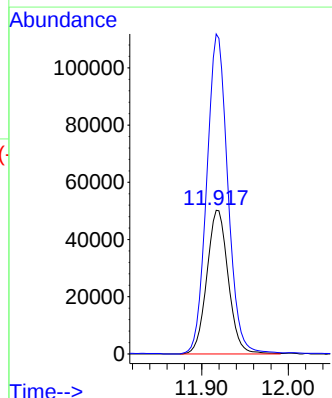
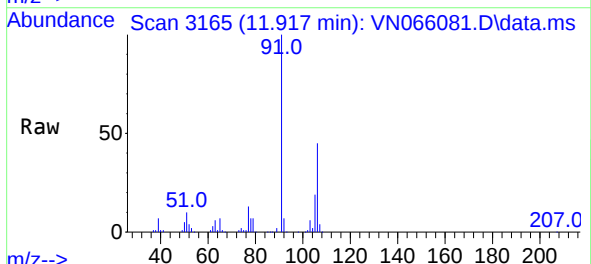
Instrument :
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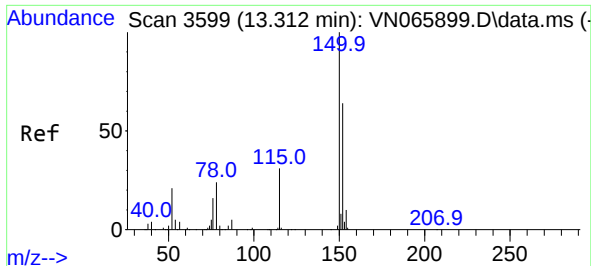
Tgt Ion:106 Resp: 187179
Ion Ratio Lower Upper
106 100
91 209.5 161.4 242.0



#69
o-Xylene
Concen: 37.50 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion:106 Resp: 86268
Ion Ratio Lower Upper
106 100
91 219.8 106.8 320.4

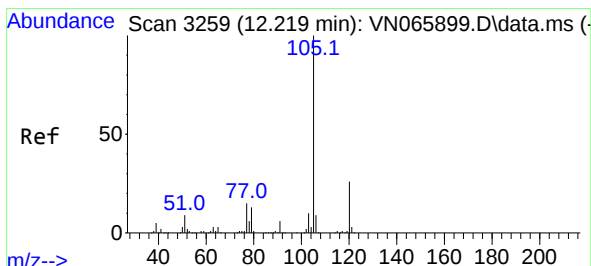
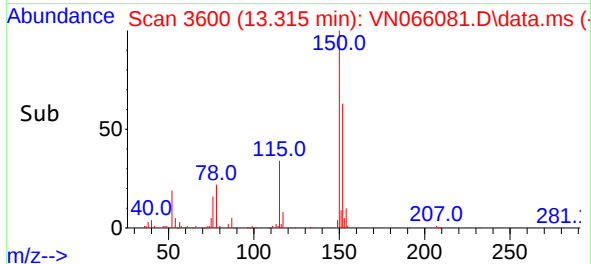
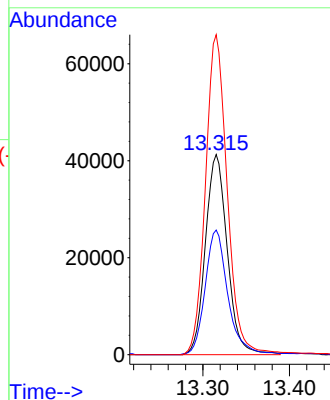
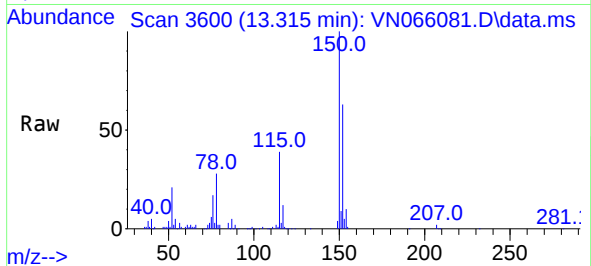




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

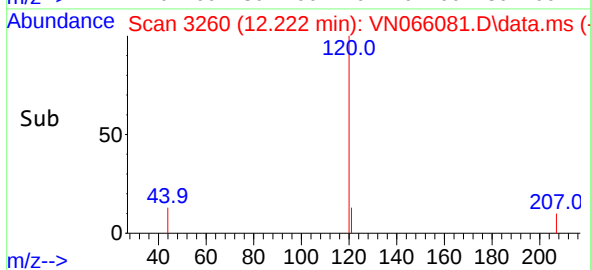
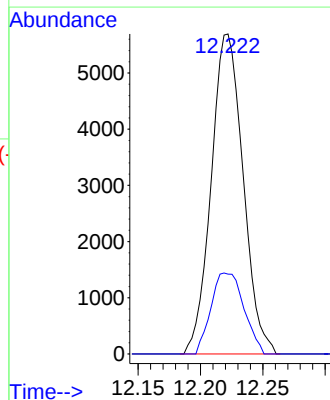
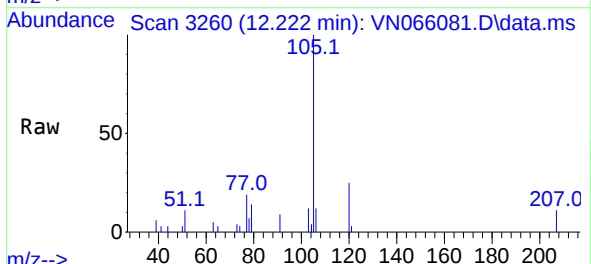
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160DL

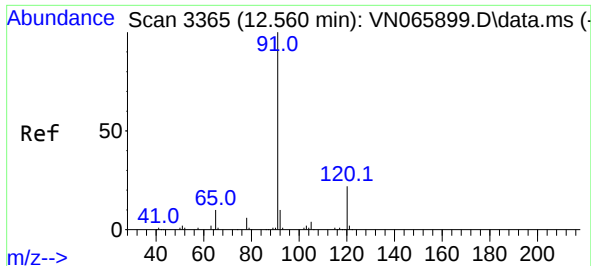
Tgt Ion:152 Resp: 72512
Ion Ratio Lower Upper
152 100
115 65.1 28.5 85.6
150 159.3 0.0 347.6



#73
Isopropylbenzene
Concen: 1.71 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion:105 Resp: 10148
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9

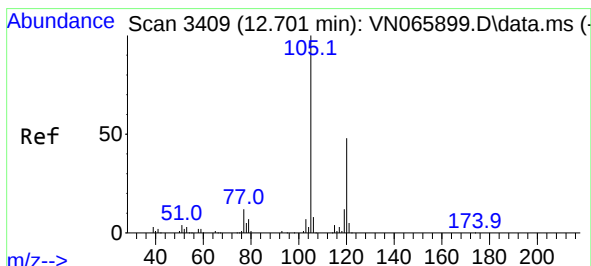
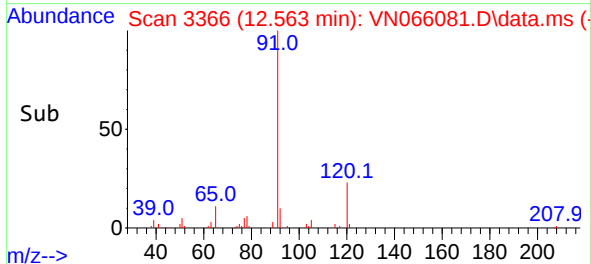
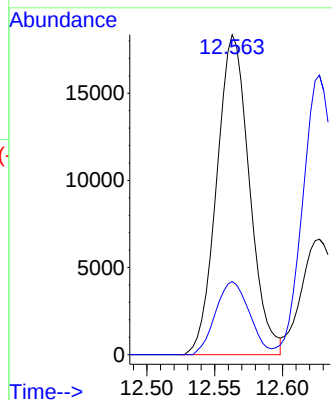
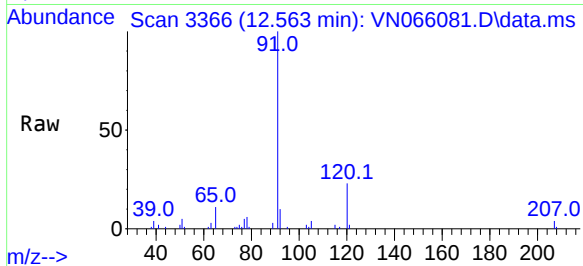




#78
n-propylbenzene
Concen: 4.58 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

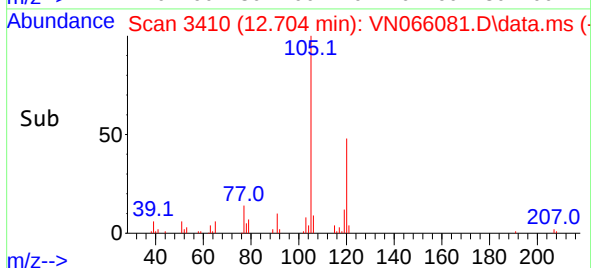
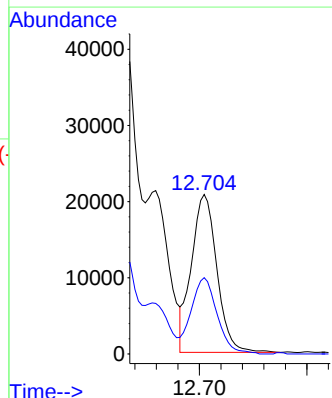
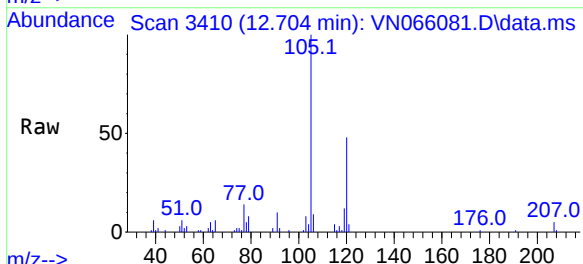
Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160DL

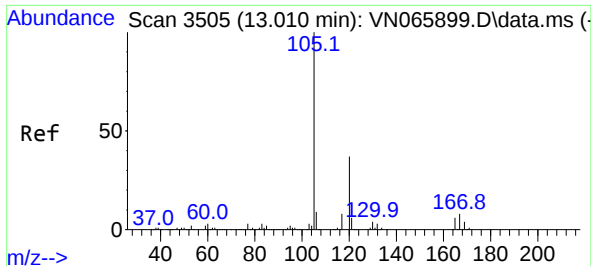
Tgt Ion: 91 Resp: 30803
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 6.78 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion:105 Resp: 34108
Ion Ratio Lower Upper
105 100
120 50.3 24.3 72.8

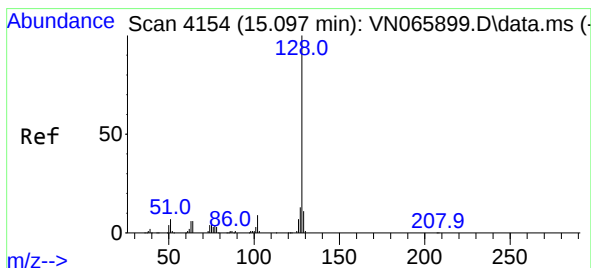
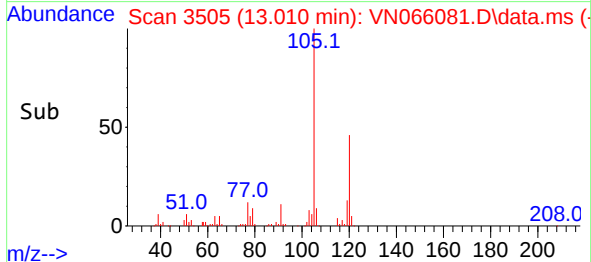
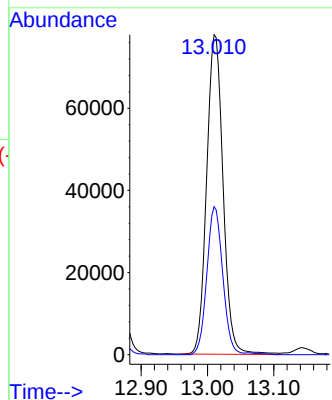
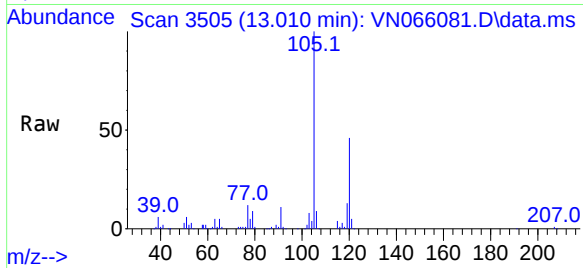




#84
1,2,4-Trimethylbenzene
Concen: 26.51 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Instrument :
MSVOA_N
ClientSampleId :
TRE-1159-1160DL

Tgt Ion:105 Resp: 133772
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0



#95
Naphthalene
Concen: 8.61 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066081.D
Acq: 1 Mar 2021 17:05

Tgt Ion:128 Resp: 24899
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.8 8.6 13.0

