

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074301.D
 Acq On : 02 Sep 2022 21:48
 Operator : JC\MD
 Sample : N4376-06DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-39DL

Quant Time: Sep 03 04:42:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

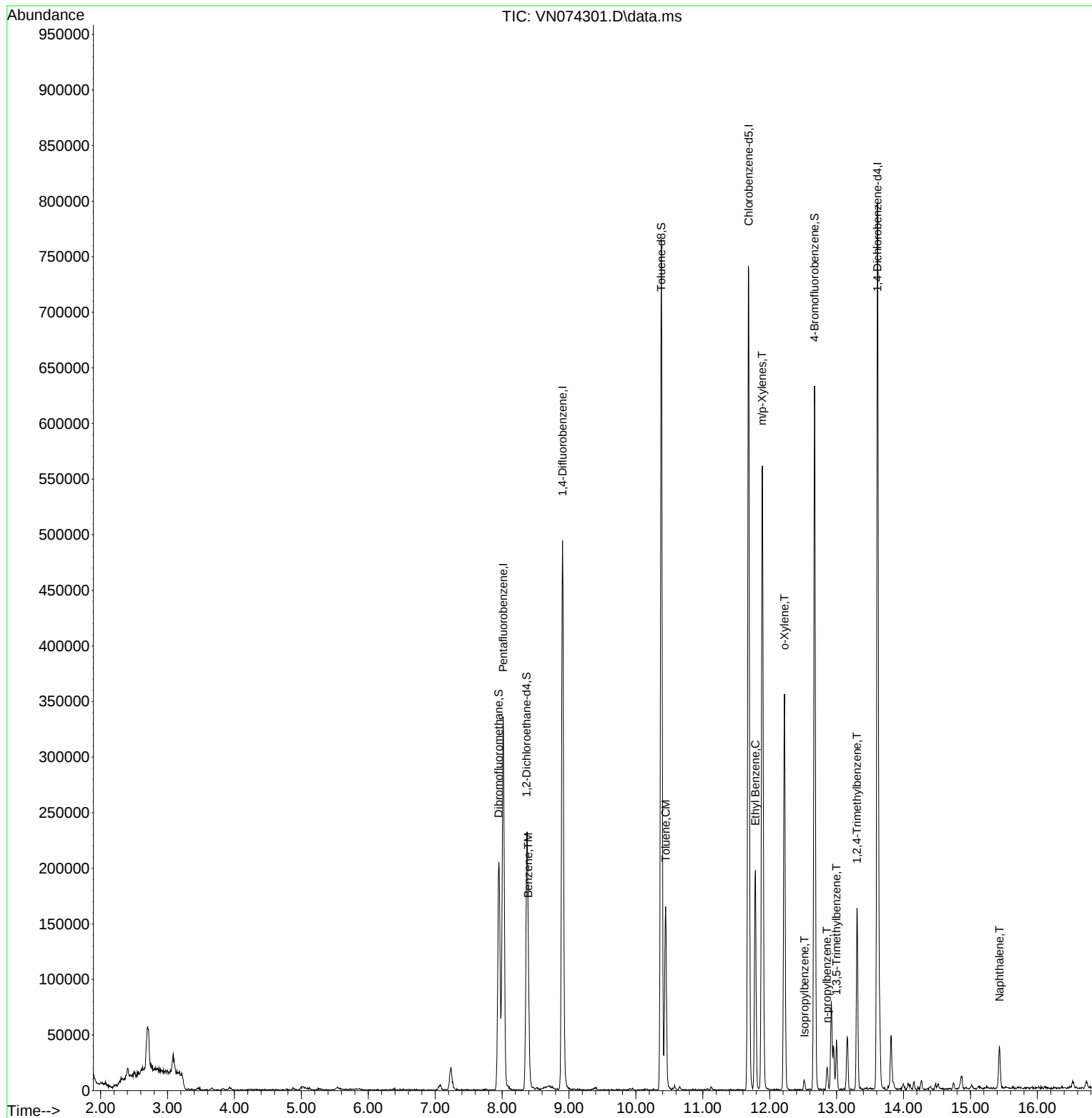
Internal Standards						
1) Pentafluorobenzene	8.016	168	237667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	433263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	413653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	203483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	163110	44.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.060%		
35) Dibromofluoromethane	7.951	113	146551	51.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.080%		
50) Toluene-d8	10.380	98	507438	44.823	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.640%		
62) 4-Bromofluorobenzene	12.668	95	189443	45.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.940%		
Target Compounds						
					Qvalue	
40) Benzene	8.392	78	56152	4.368	ug/l	96
52) Toluene	10.445	92	69245	8.717	ug/l	97
67) Ethyl Benzene	11.786	91	136291	8.176	ug/l	96
68) m/p-Xylenes	11.886	106	176441	28.355	ug/l	97
69) o-Xylene	12.221	106	96869	15.597	ug/l	95
73) Isopropylbenzene	12.521	105	5958	0.334	ug/l	96
78) n-propylbenzene	12.857	91	15919	0.782	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	20950	1.466	ug/l	92
84) 1,2,4-Trimethylbenzene	13.304	105	85454	5.905	ug/l	99
95) Naphthalene	15.433	128	30657	2.813	ug/l	96

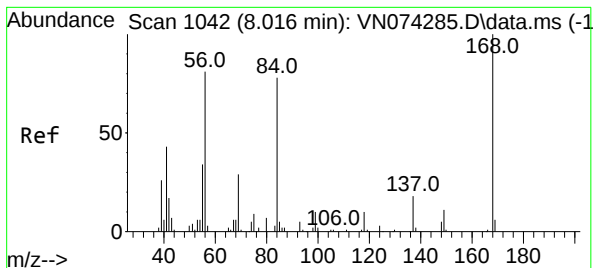
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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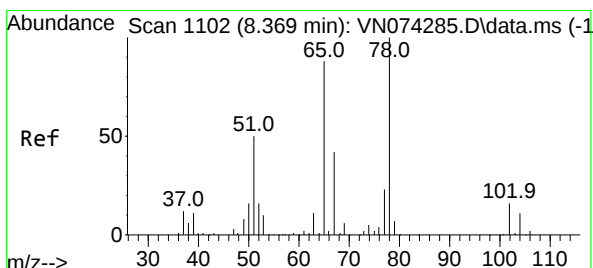
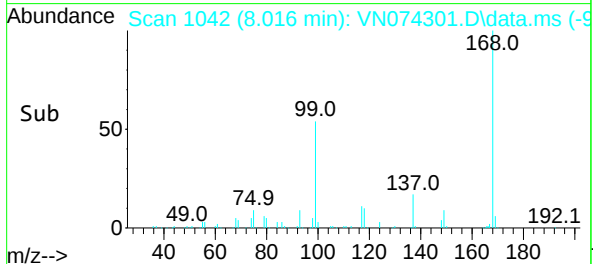
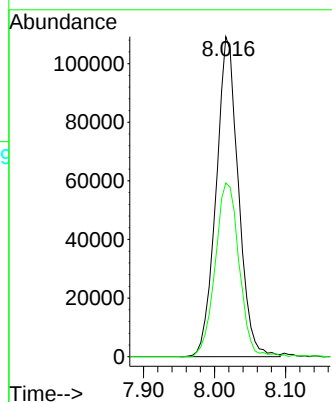
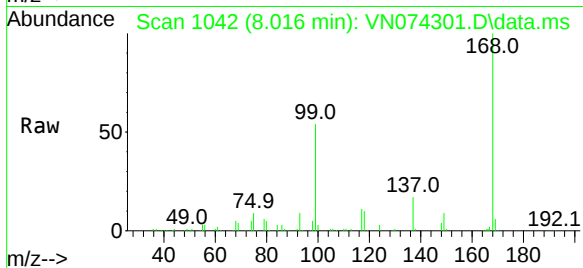




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

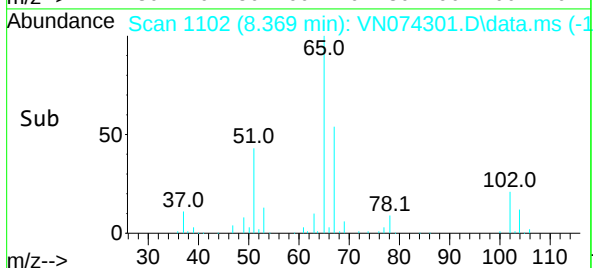
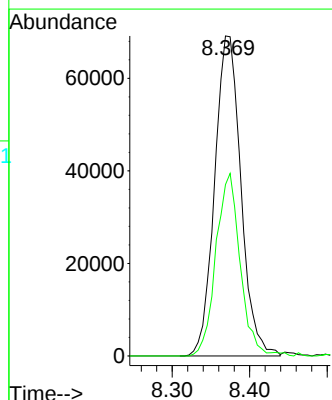
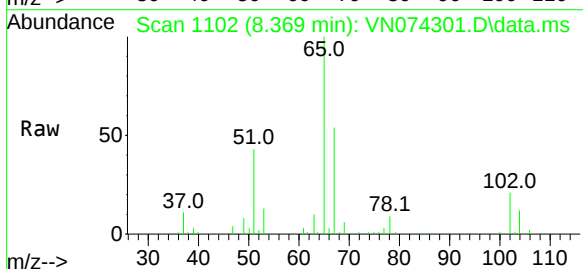
Instrument :
MSVOA_N
ClientSampleId :
MW-39DL

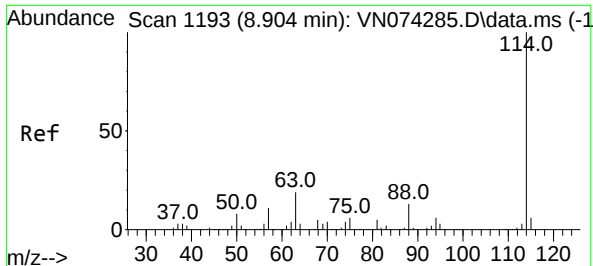
Tgt Ion:168 Resp: 237667
Ion Ratio Lower Upper
168 100
99 54.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.026 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

Tgt Ion: 65 Resp: 163110
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074301.D

Acq: 02 Sep 2022 21:48

Instrument :

MSVOA_N

ClientSampleId :

MW-39DL

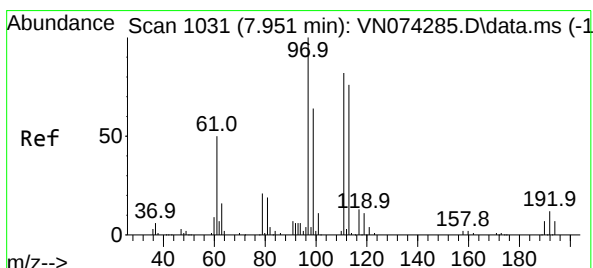
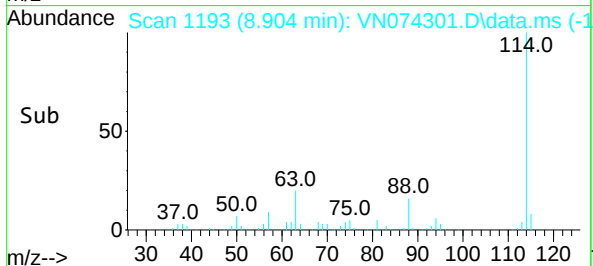
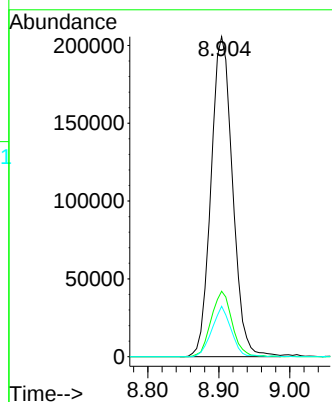
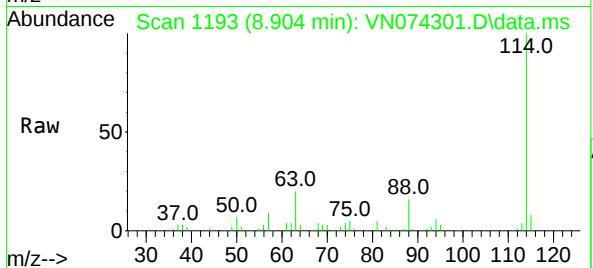
Tgt Ion:114 Resp: 433263

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.045 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074301.D

Acq: 02 Sep 2022 21:48

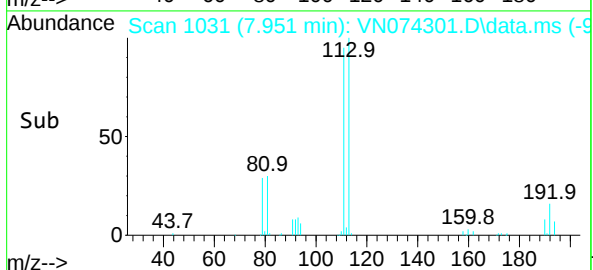
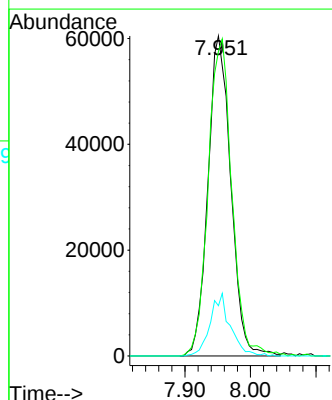
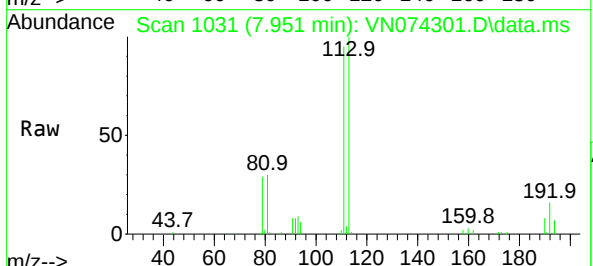
Tgt Ion:113 Resp: 146551

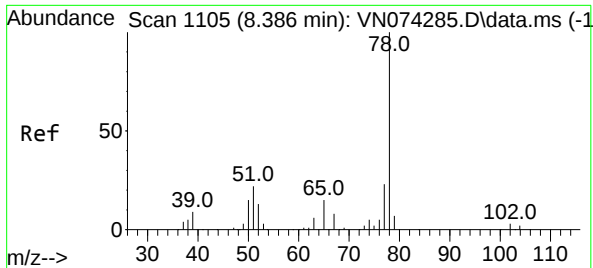
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 17.3 17.0 25.6

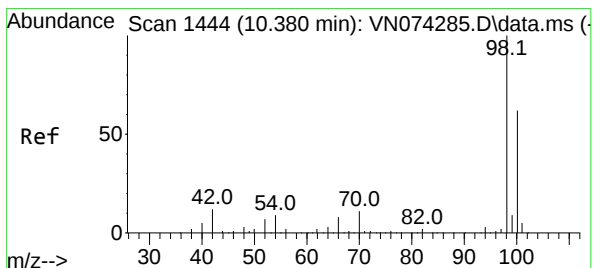
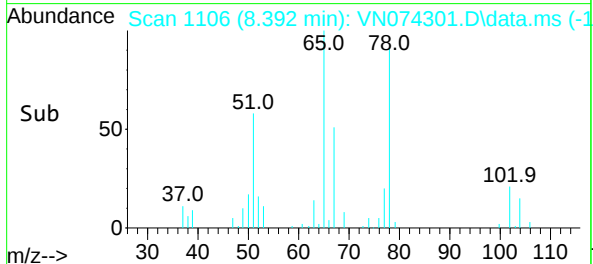
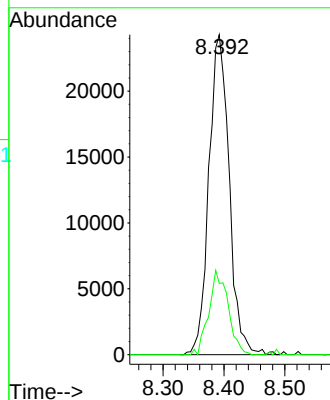
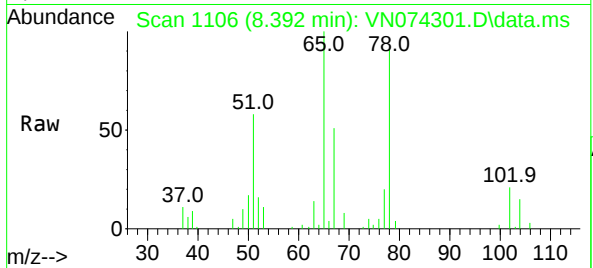




#40
Benzene
Concen: 4.368 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

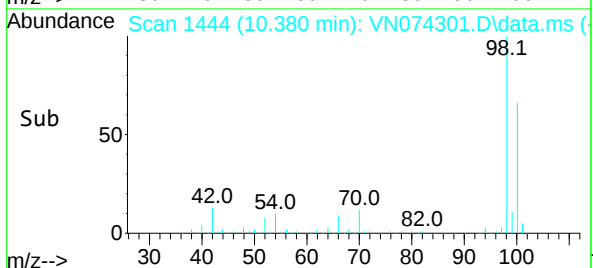
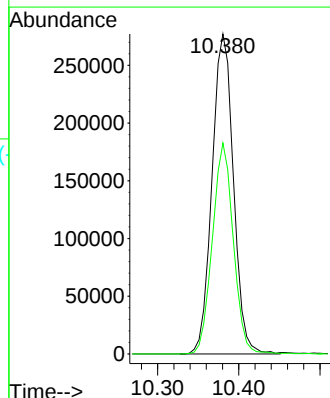
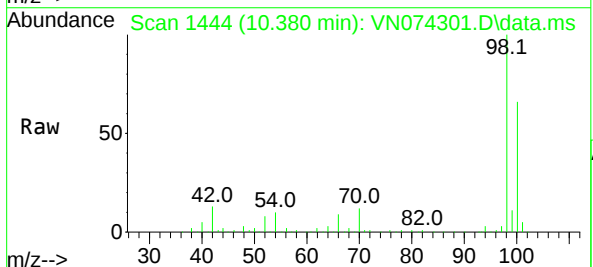
Instrument :
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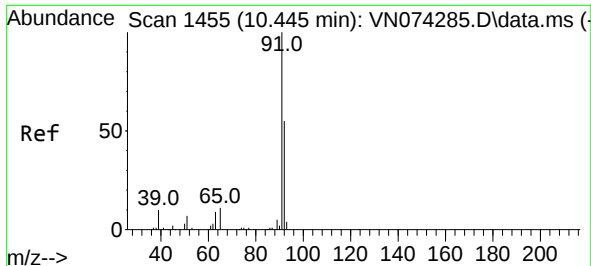
Tgt Ion: 78 Resp: 56152
Ion Ratio Lower Upper
78 100
77 22.3 19.4 29.0



#50
Toluene-d8
Concen: 44.823 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

Tgt Ion: 98 Resp: 507438
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

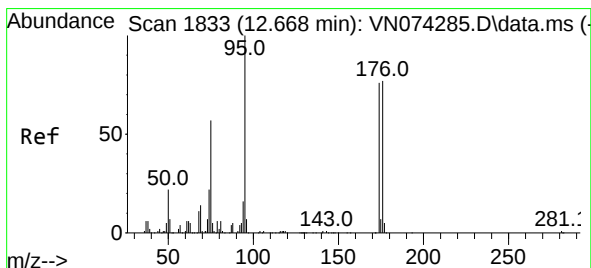
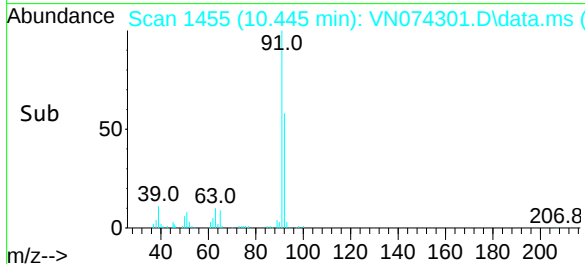
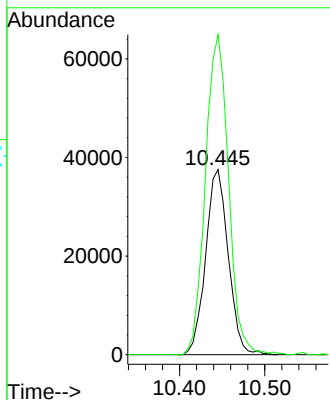
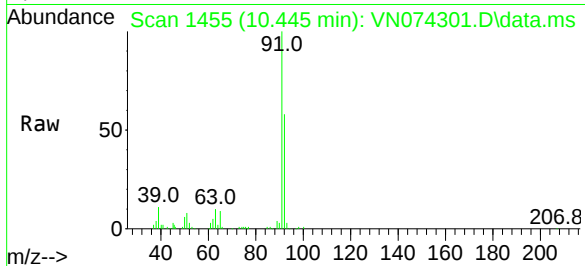




#52
Toluene
Concen: 8.717 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

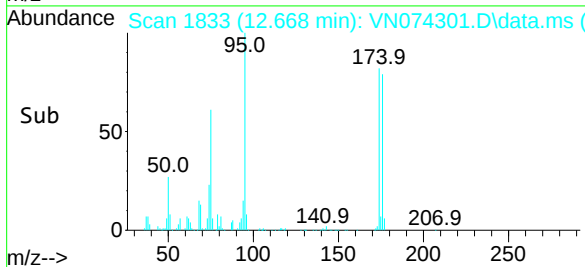
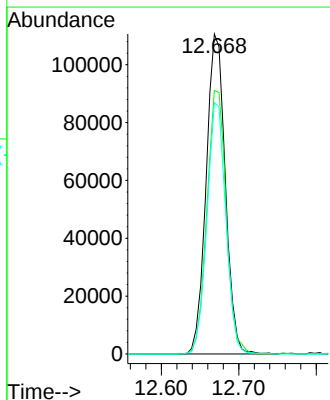
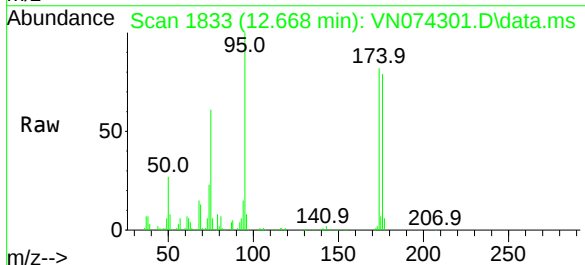
Instrument :
MSVOA_N
ClientSampleId :
MW-39DL

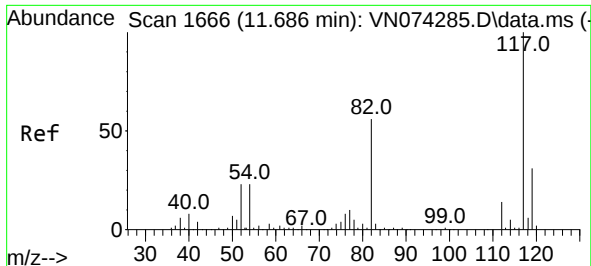
Tgt Ion: 92 Resp: 69245
Ion Ratio Lower Upper
92 100
91 176.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 45.974 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

Tgt Ion: 95 Resp: 189443
Ion Ratio Lower Upper
95 100
174 83.1 0.0 167.6
176 77.3 0.0 163.4

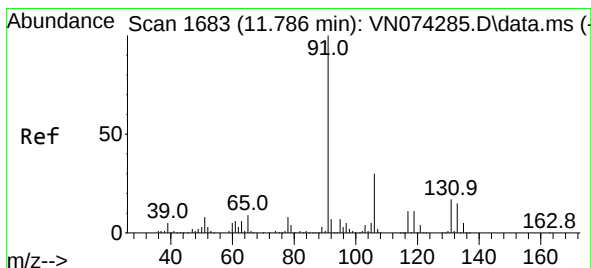
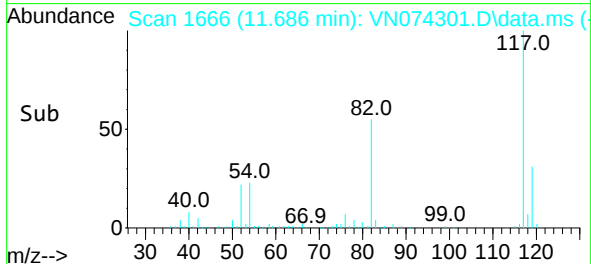
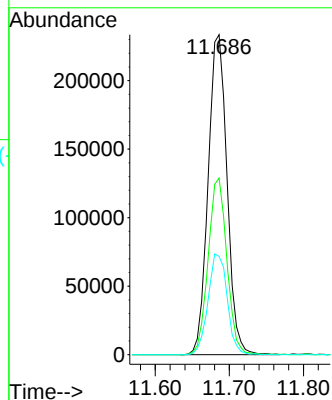
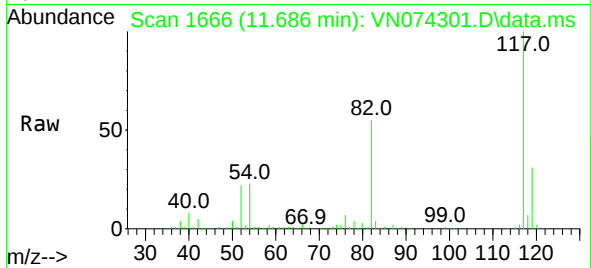




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

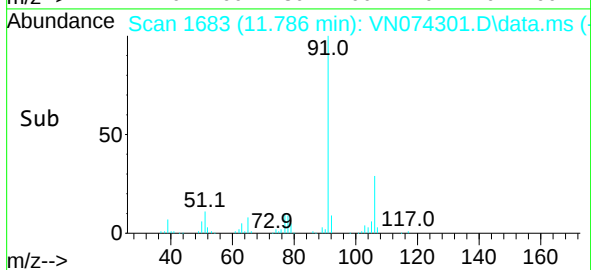
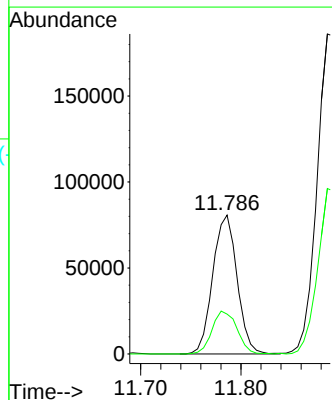
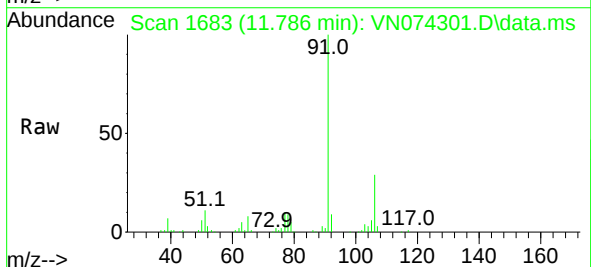
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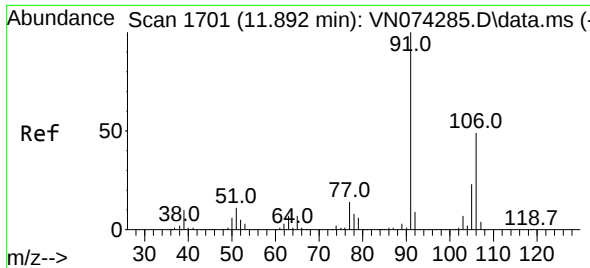
Tgt Ion:117 Resp: 413653
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 30.7 25.4 38.0



#67
Ethyl Benzene
Concen: 8.176 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

Tgt Ion: 91 Resp: 136291
Ion Ratio Lower Upper
91 100
106 28.7 24.9 37.3

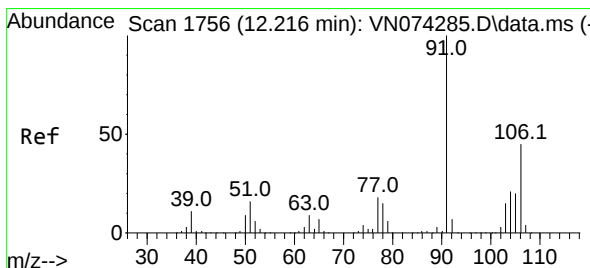
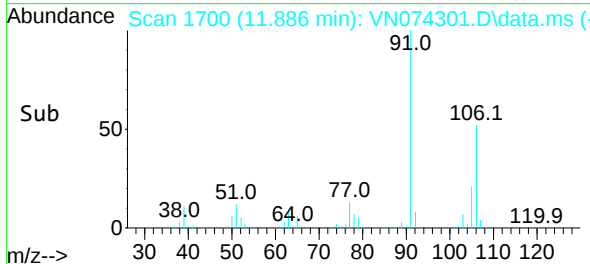
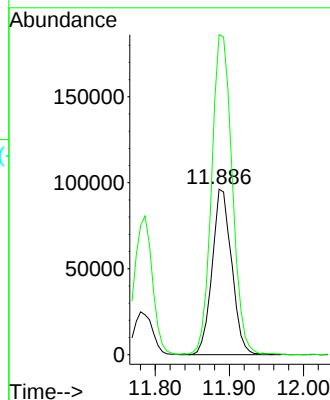
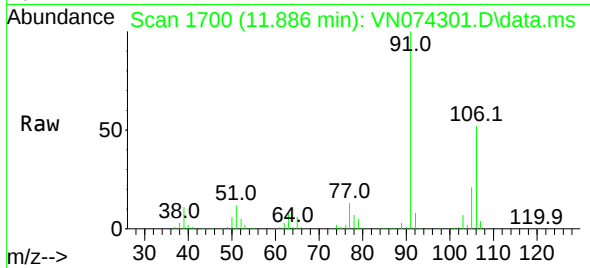




#68
m/p-Xylenes
Concen: 28.355 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

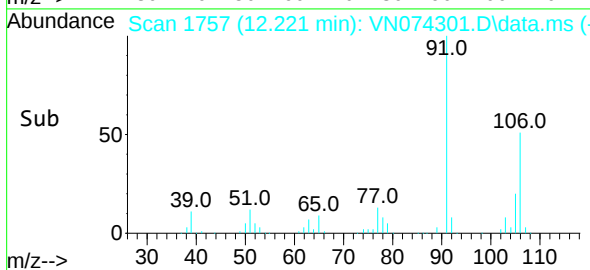
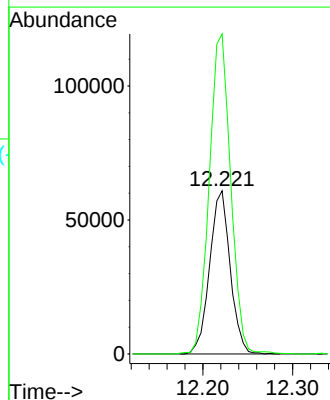
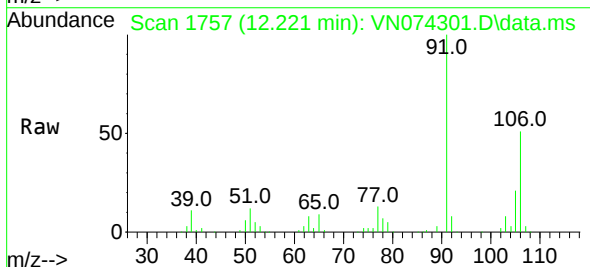
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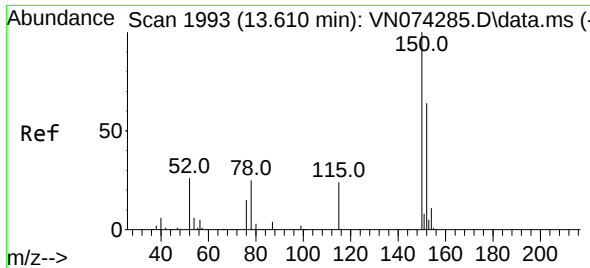
Tgt Ion:106 Resp: 176441
Ion Ratio Lower Upper
106 100
91 202.6 158.9 238.3



#69
o-Xylene
Concen: 15.597 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

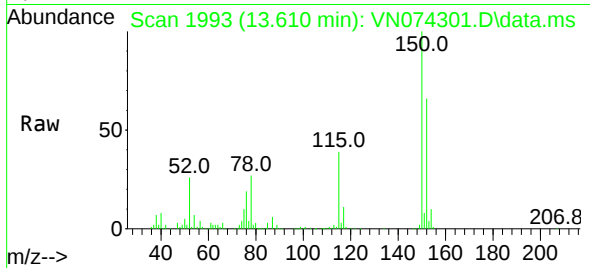
Tgt Ion:106 Resp: 96869
Ion Ratio Lower Upper
106 100
91 204.5 106.0 318.0



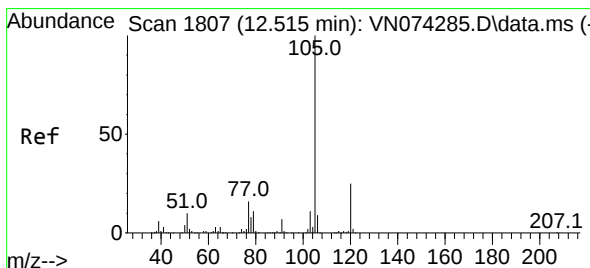
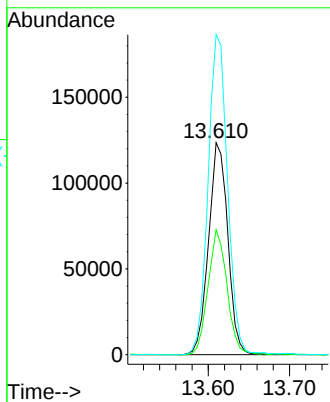
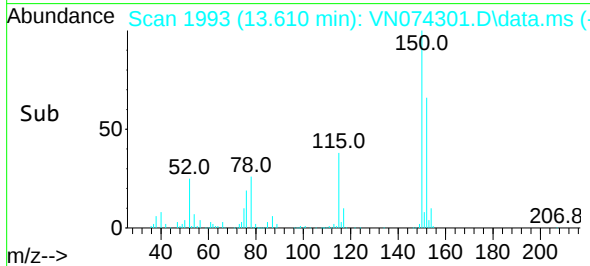


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

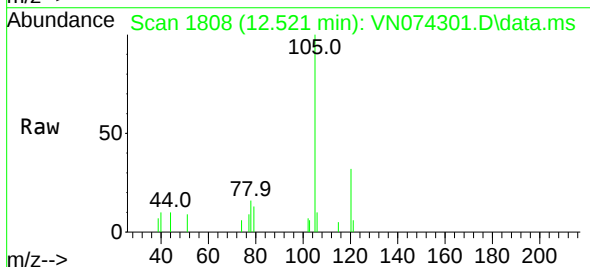
Instrument :
MSVOA_N
ClientSampleId :
MW-39DL



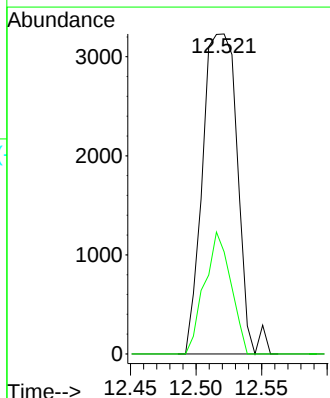
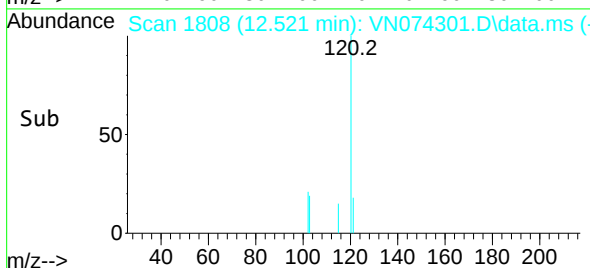
Tgt Ion:152 Resp: 203483
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 152.3 0.0 356.2

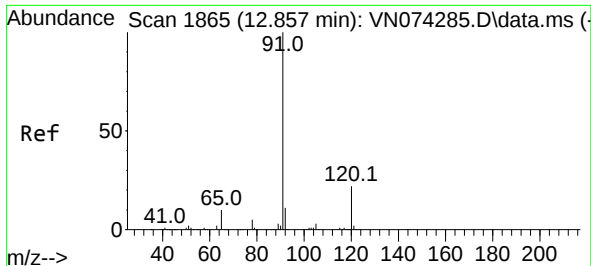


#73
Isopropylbenzene
Concen: 0.334 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48



Tgt Ion:105 Resp: 5958
Ion Ratio Lower Upper
105 100
120 28.8 13.5 40.4

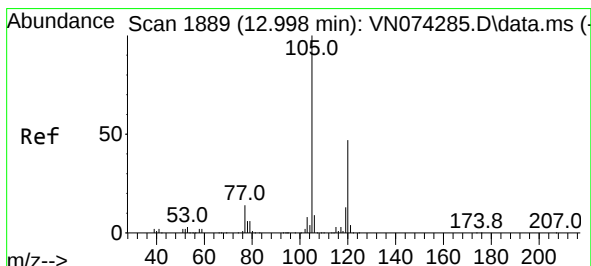
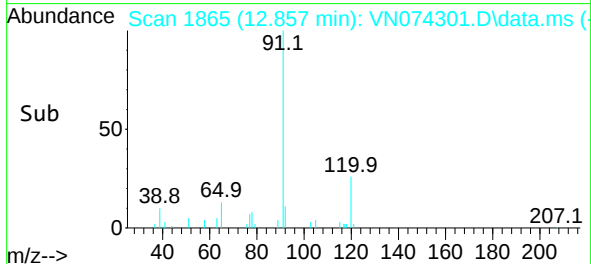
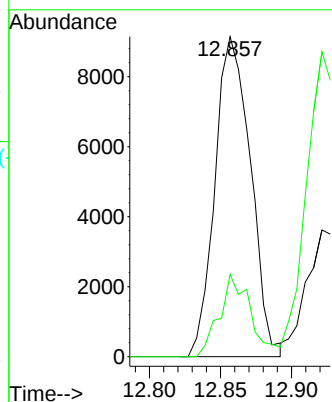
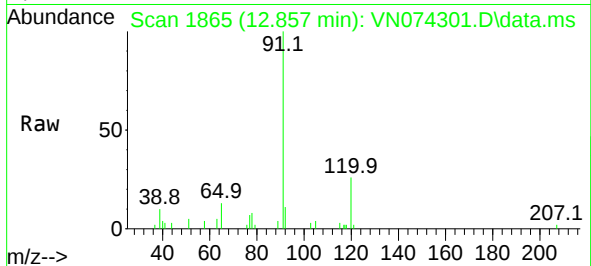




#78
n-propylbenzene
Concen: 0.782 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

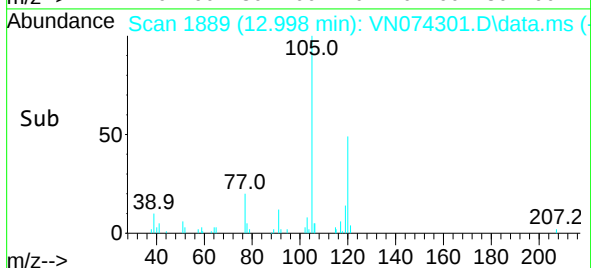
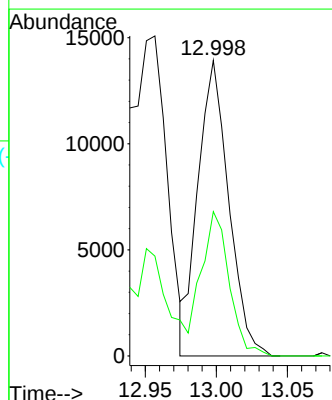
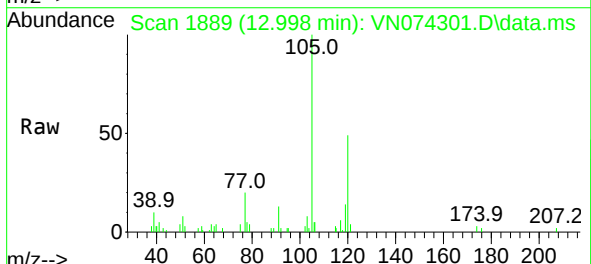
Instrument :
MSVOA_N
ClientSampleId :
MW-39DL

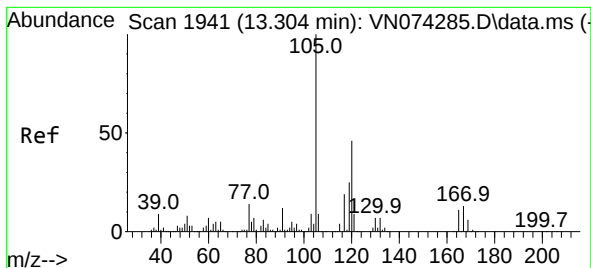
Tgt Ion: 91 Resp: 15919
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 1.466 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074301.D
Acq: 02 Sep 2022 21:48

Tgt Ion: 105 Resp: 20950
Ion Ratio Lower Upper
105 100
120 44.2 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 5.905 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074301.D

Acq: 02 Sep 2022 21:48

Instrument :

MSVOA_N

ClientSampleId :

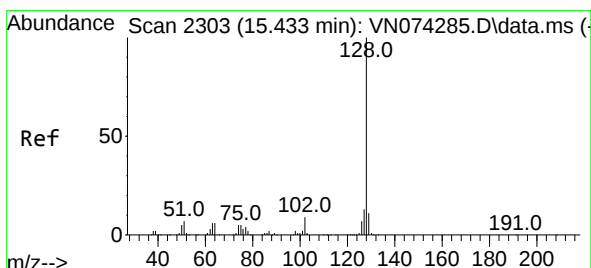
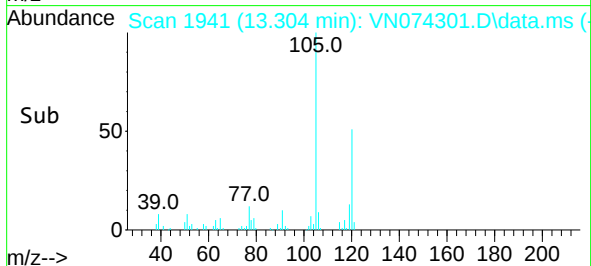
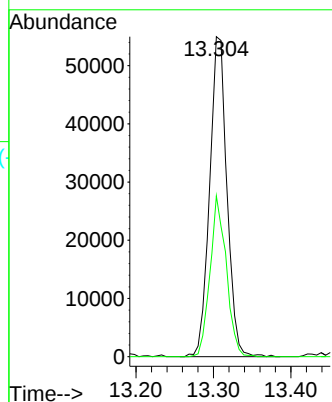
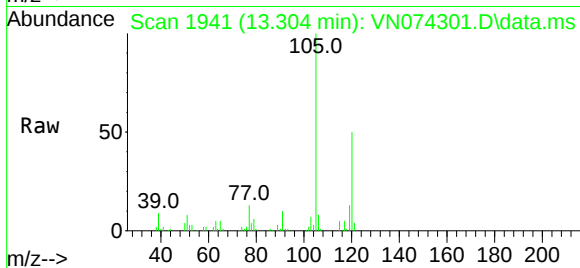
MW-39DL

Tgt Ion:105 Resp: 85454

Ion Ratio Lower Upper

105 100

120 47.2 23.3 69.8



#95

Naphthalene

Concen: 2.813 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN074301.D

Acq: 02 Sep 2022 21:48

Tgt Ion:128 Resp: 30657

Ion Ratio Lower Upper

128 100

127 15.3 10.3 15.5

129 11.1 8.6 13.0

