

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074302.D
 Acq On : 02 Sep 2022 22:12
 Operator : JC\MD
 Sample : N4354-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25DL

Quant Time: Sep 03 04:42:15 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)

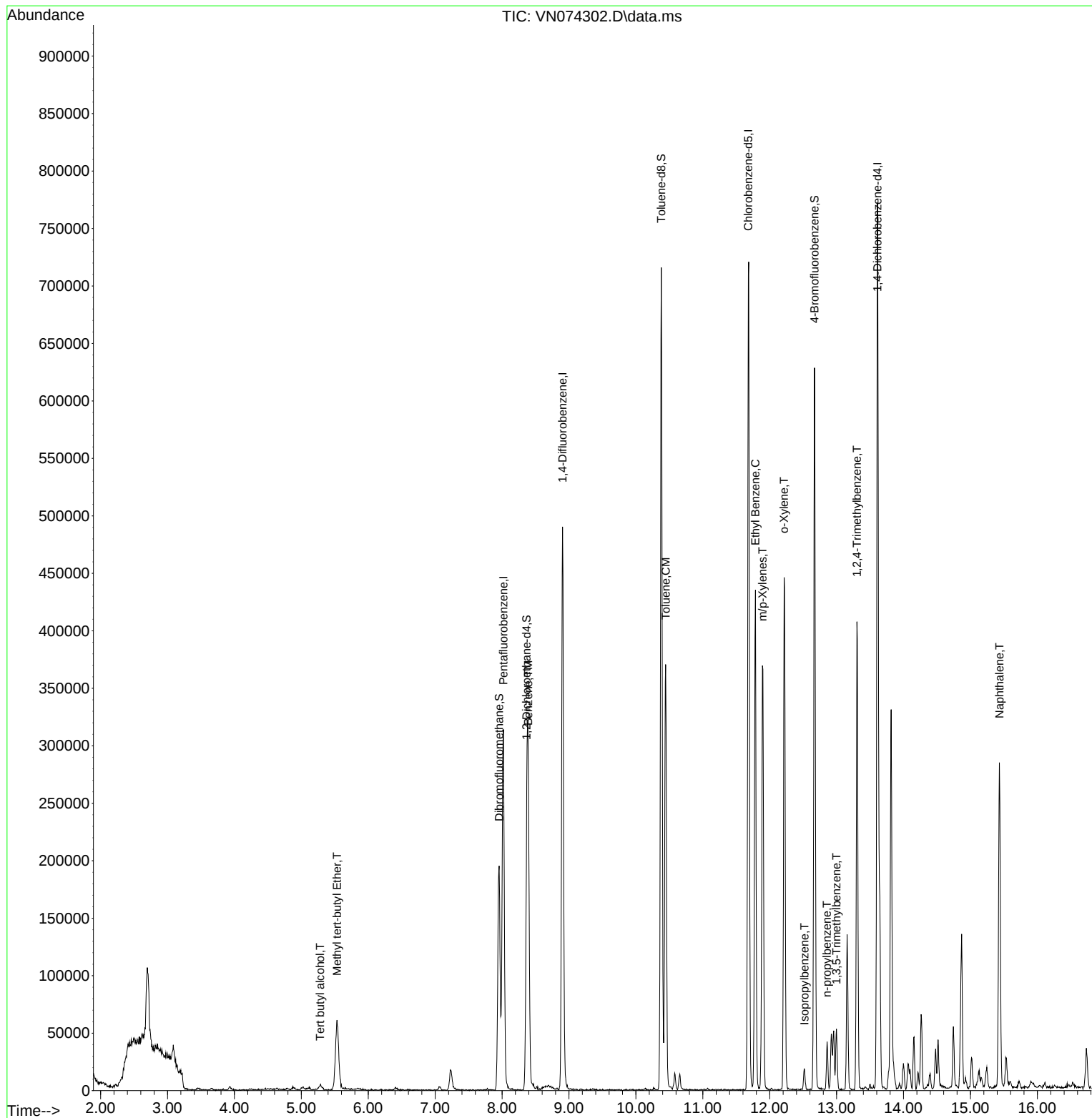
Internal Standards						
1) Pentafluorobenzene	8.022	168	232231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	414461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	399023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	155747	43.023	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.040%		
35) Dibromofluoromethane	7.957	113	139441	50.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.540%		
50) Toluene-d8	10.380	98	481781	44.487	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.980%		
62) 4-Bromofluorobenzene	12.668	95	182019	46.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.320%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.281	59	7745	11.793	ug/l #	93
19) Methyl tert-butyl Ether	5.534	73	95944	10.589	ug/l	100
40) Benzene	8.392	78	211785	17.223	ug/l	100
52) Toluene	10.445	92	159373	20.973	ug/l	99
67) Ethyl Benzene	11.786	91	300390	18.681	ug/l	96
68) m/p-Xylenes	11.892	106	114573	19.088	ug/l	97
69) o-Xylene	12.216	106	120792	20.163	ug/l	95
73) Isopropylbenzene	12.521	105	11970	0.722	ug/l	99
78) n-propylbenzene	12.857	91	30442	1.607	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	23672	1.781	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	220032	16.344	ug/l	97
95) Naphthalene	15.433	128	245624	18.418	ug/l	99

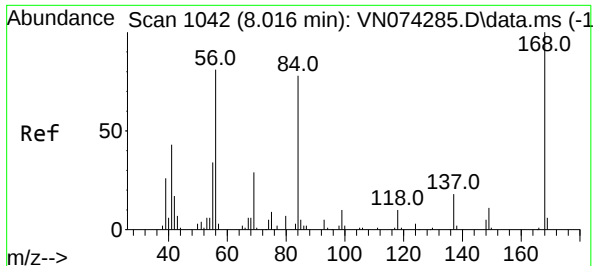
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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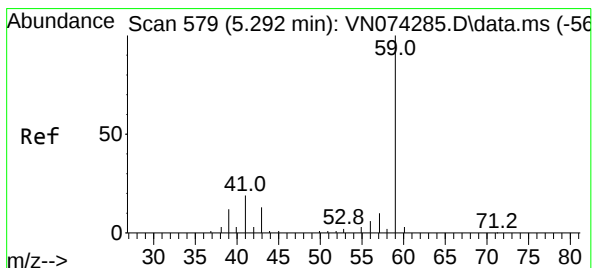
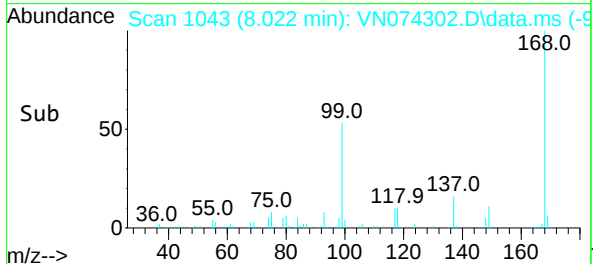
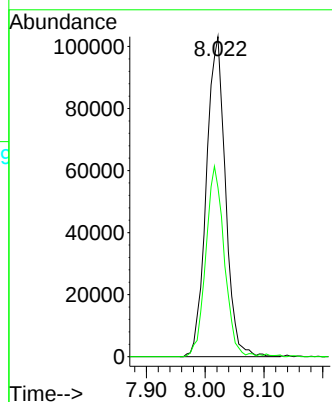
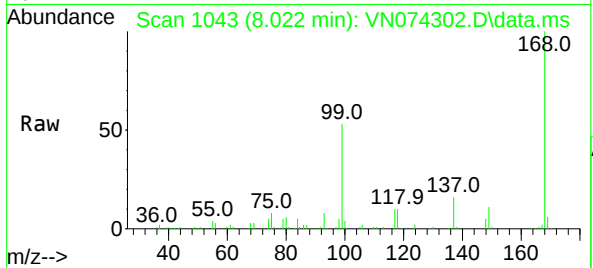




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

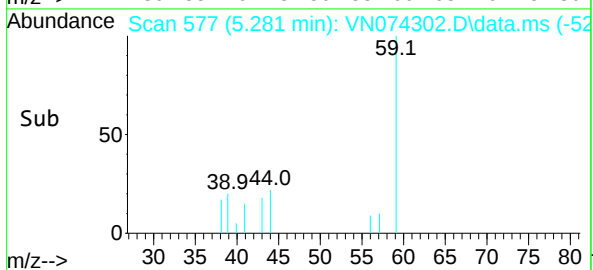
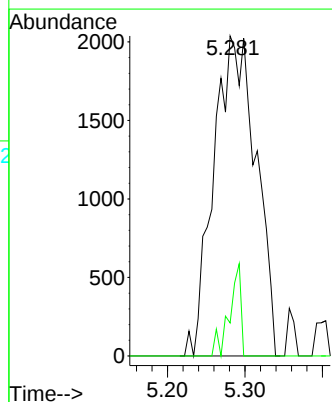
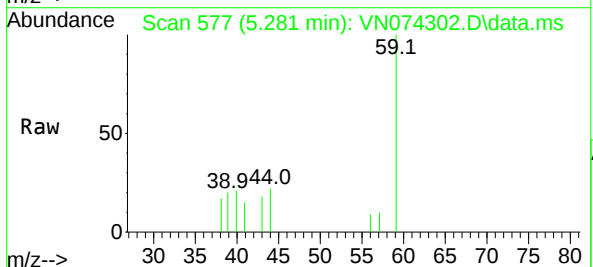
Instrument :
MSVOA_N
ClientSampleId :
MW-25DL

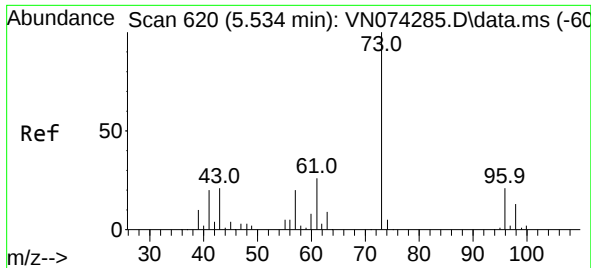
Tgt Ion:168 Resp: 232231
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 11.793 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Tgt Ion: 59 Resp: 7745
Ion Ratio Lower Upper
59 100
57 7.7 8.3 12.5#

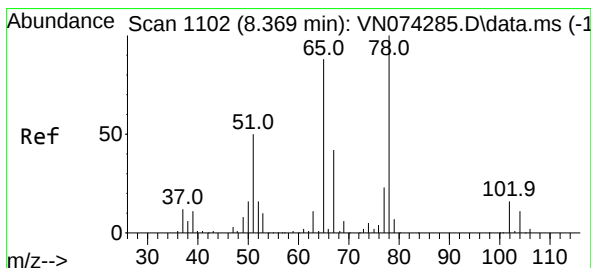
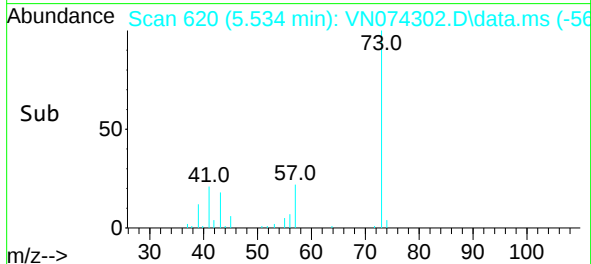
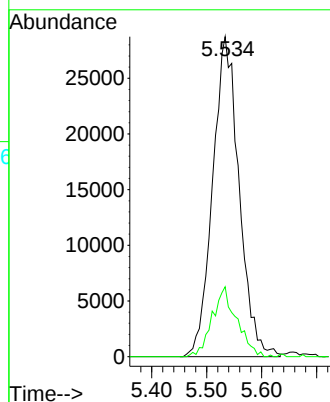
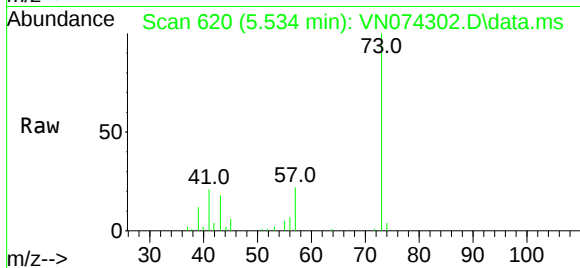




#19
Methyl tert-butyl Ether
Concen: 10.589 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

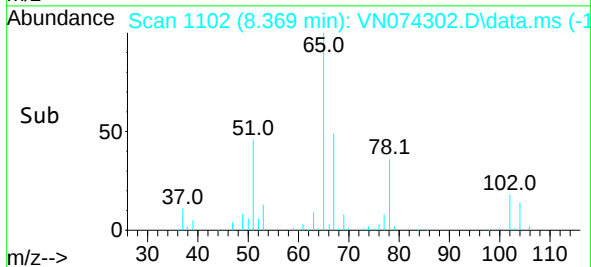
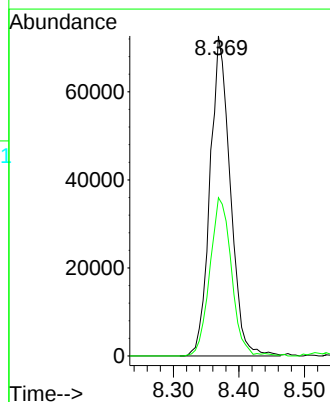
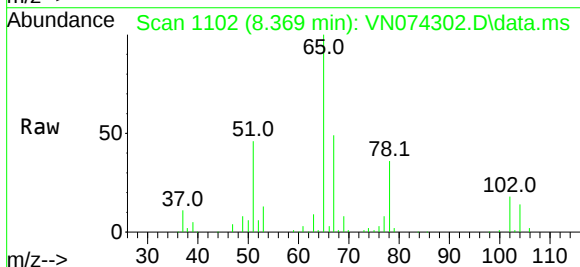
Instrument :
MSVOA_N
ClientSampleId :
MW-25DL

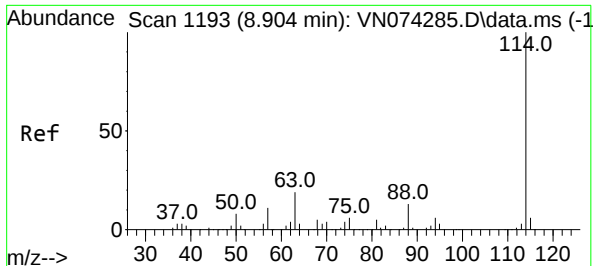
Tgt Ion: 73 Resp: 95944
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#33
1,2-Dichloroethane-d4
Concen: 43.023 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Tgt Ion: 65 Resp: 155747
Ion Ratio Lower Upper
65 100
67 52.9 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: VN074302.D

Acq: 02 Sep 2022 22:12

Instrument :

MSVOA_N

ClientSampleId :

MW-25DL

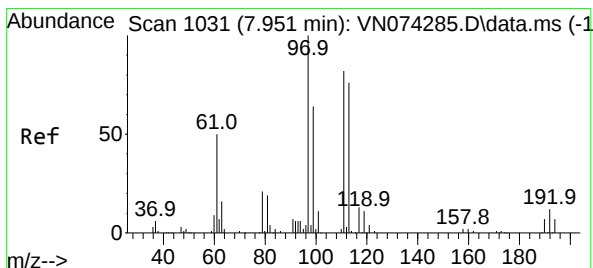
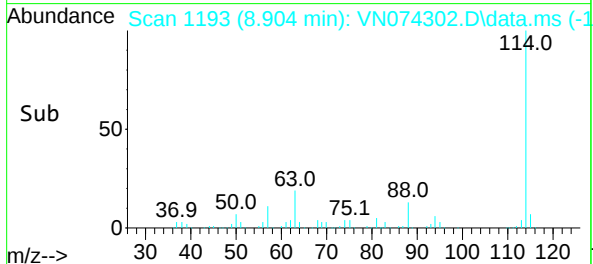
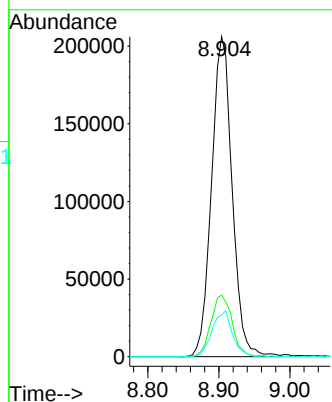
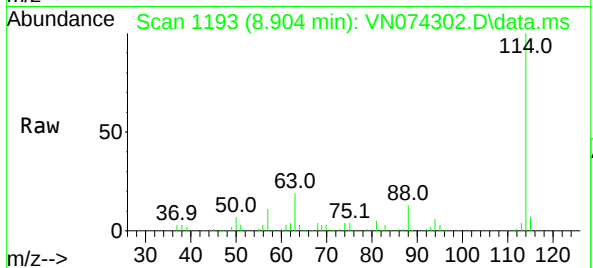
Tgt Ion:114 Resp: 414461

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 13.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.772 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074302.D

Acq: 02 Sep 2022 22:12

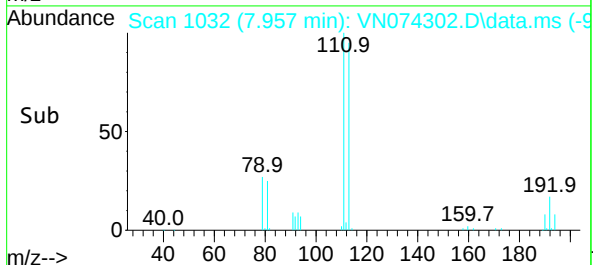
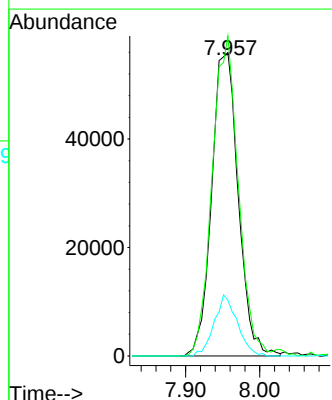
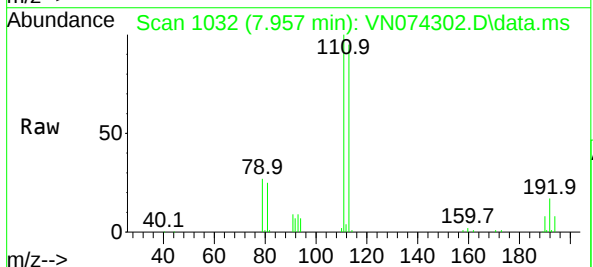
Tgt Ion:113 Resp: 139441

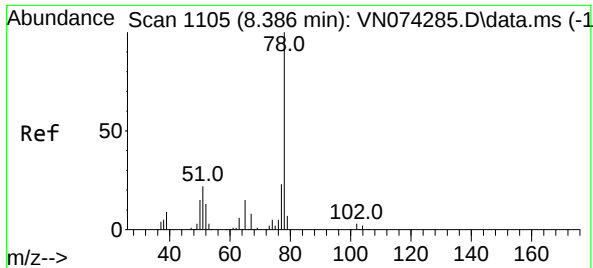
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 17.5 17.0 25.6

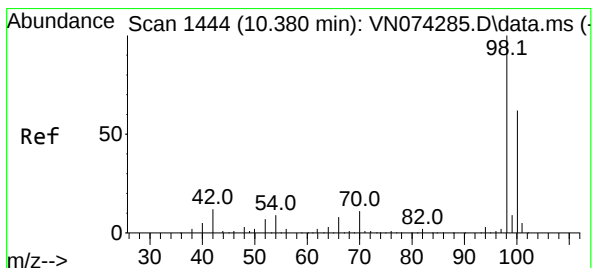
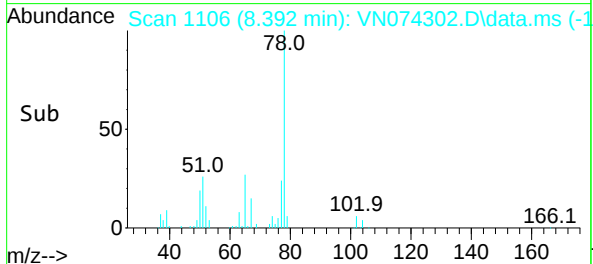
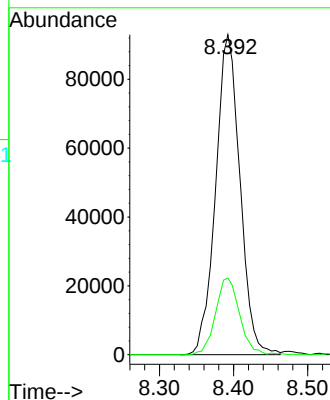
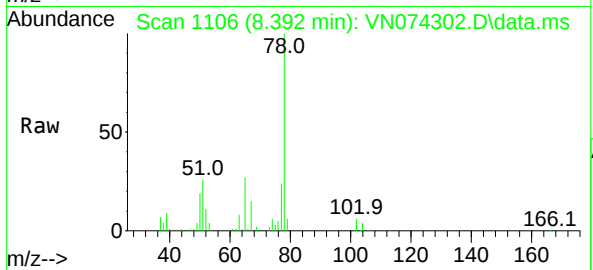




#40
Benzene
Concen: 17.223 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

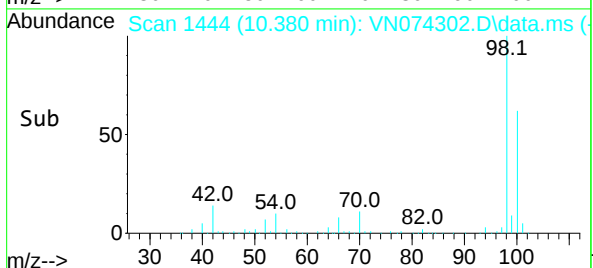
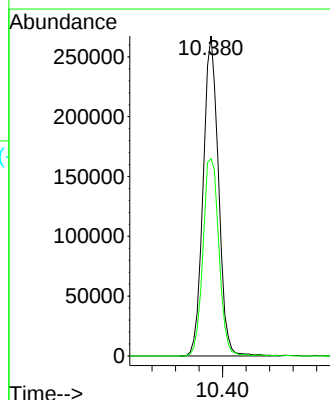
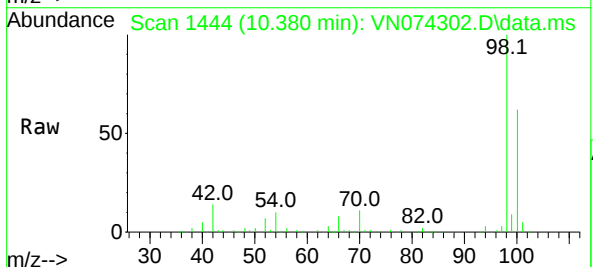
Instrument :
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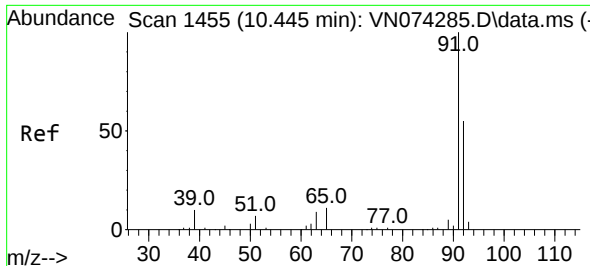
Tgt Ion: 78 Resp: 211785
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



#50
Toluene-d8
Concen: 44.487 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Tgt Ion: 98 Resp: 481781
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

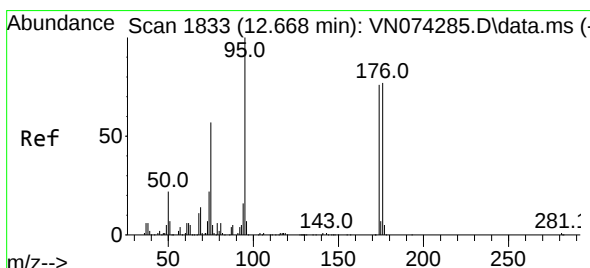
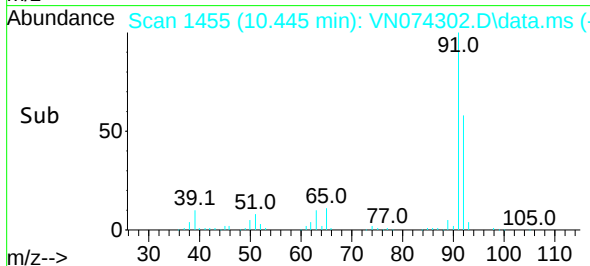
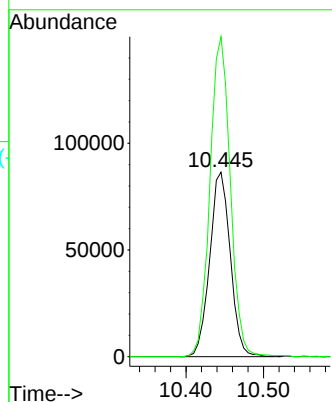
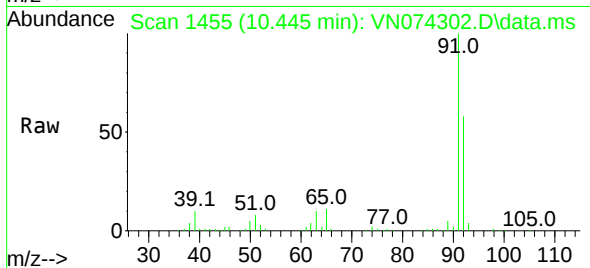




#52
Toluene
Concen: 20.973 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

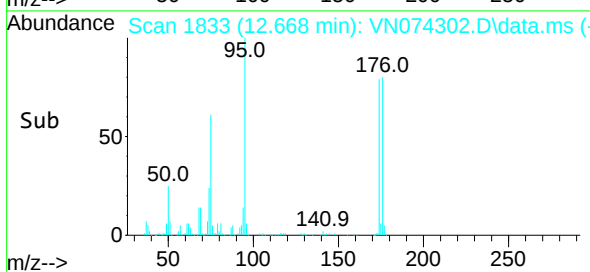
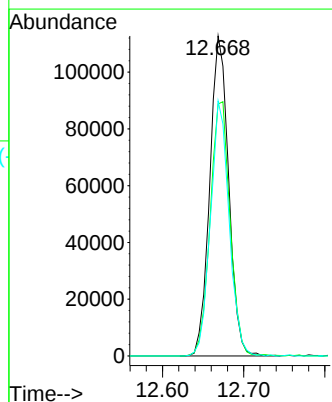
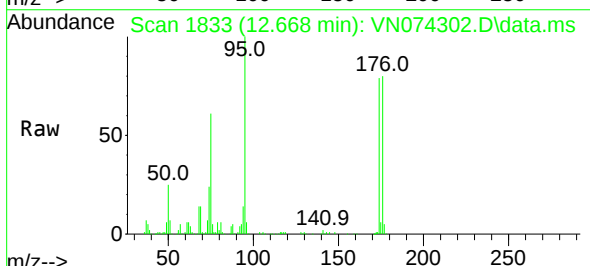
Instrument :
MSVOA_N
ClientSampleId :
MW-25DL

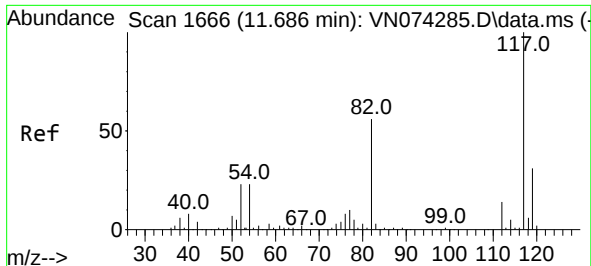
Tgt Ion: 92 Resp: 159373
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 46.163 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Tgt Ion: 95 Resp: 182019
Ion Ratio Lower Upper
95 100
174 83.6 0.0 167.6
176 78.6 0.0 163.4

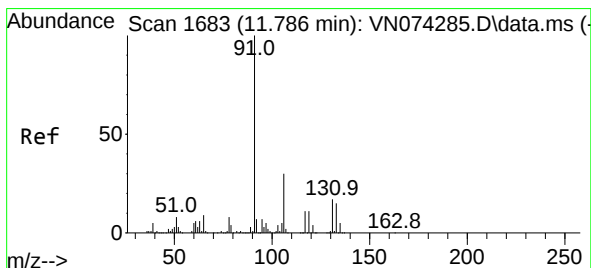
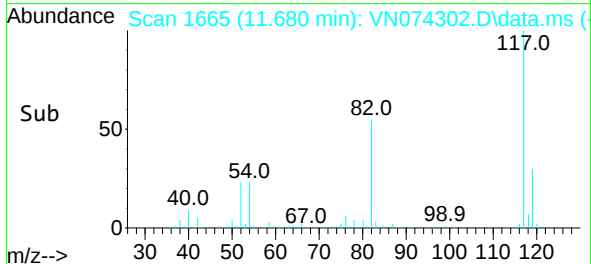
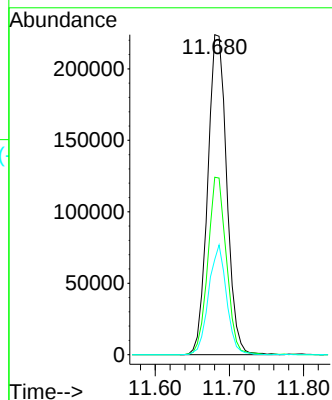
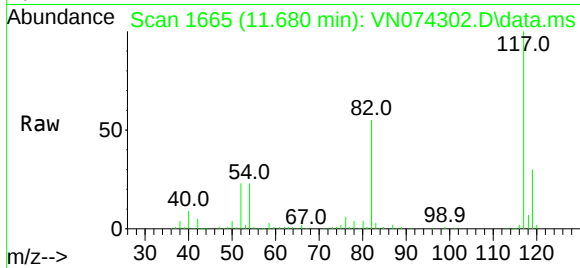




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

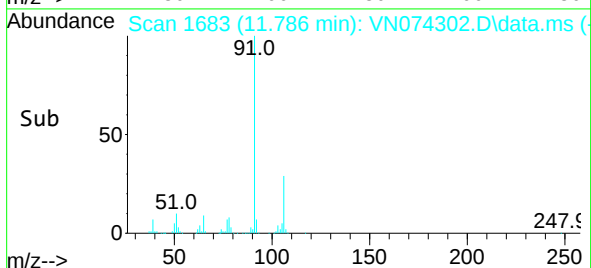
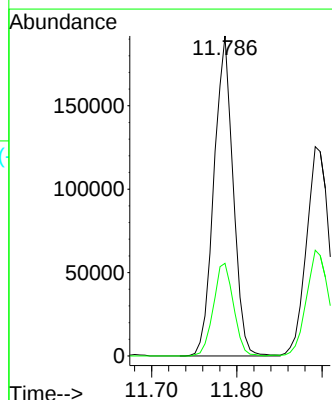
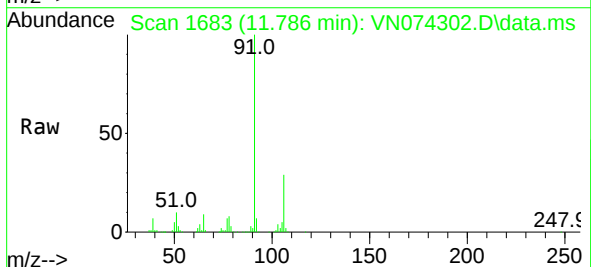
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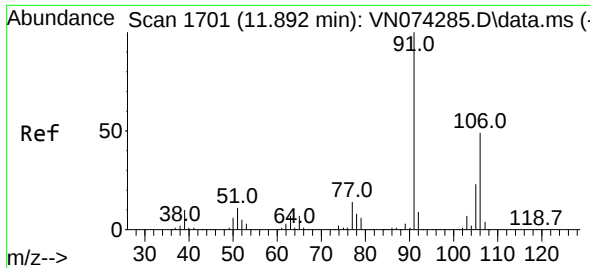
Tgt Ion:117 Resp: 399023
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 29.8 25.4 38.0



#67
Ethyl Benzene
Concen: 18.681 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Tgt Ion: 91 Resp: 300390
Ion Ratio Lower Upper
91 100
106 29.0 24.9 37.3

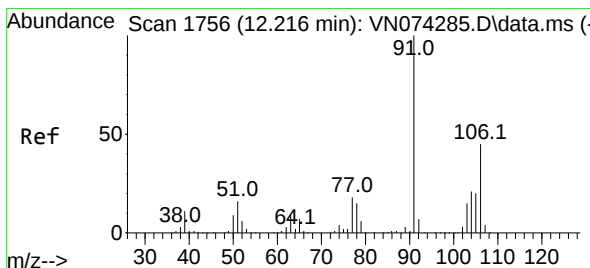
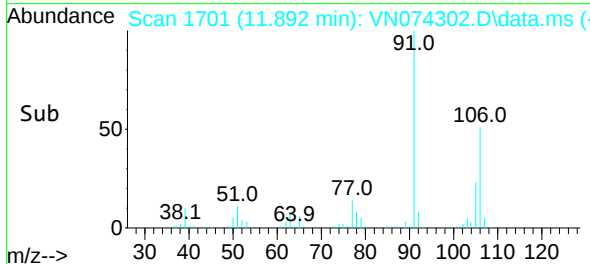
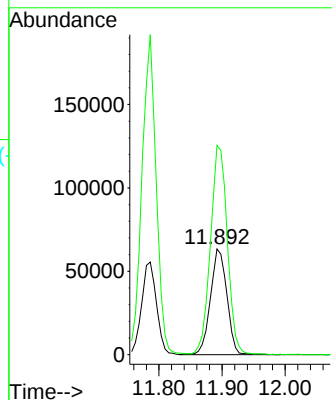
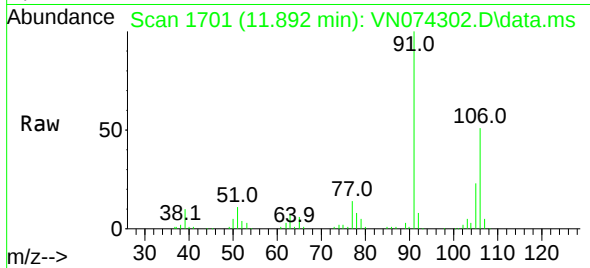




#68
m/p-Xylenes
Concen: 19.088 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

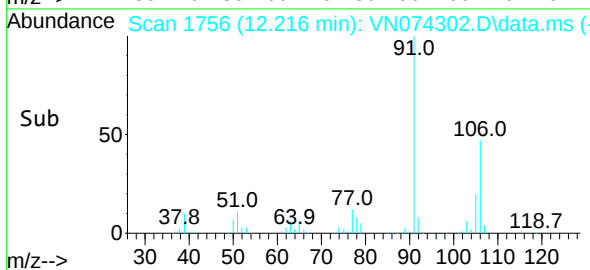
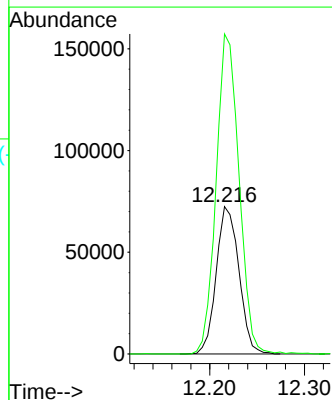
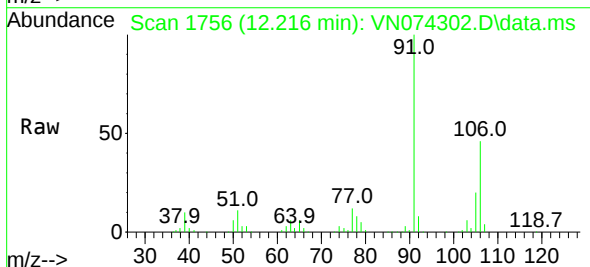
Instrument :
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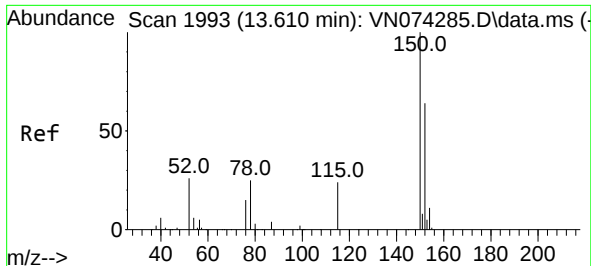
Tgt Ion:106 Resp: 114573
Ion Ratio Lower Upper
106 100
91 203.5 158.9 238.3



#69
o-Xylene
Concen: 20.163 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.005 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Tgt Ion:106 Resp: 120792
Ion Ratio Lower Upper
106 100
91 219.2 106.0 318.0

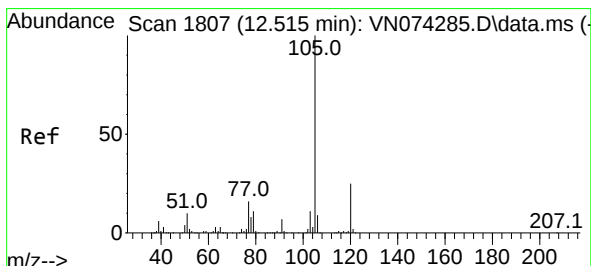
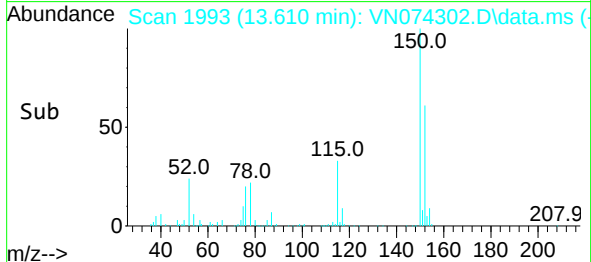
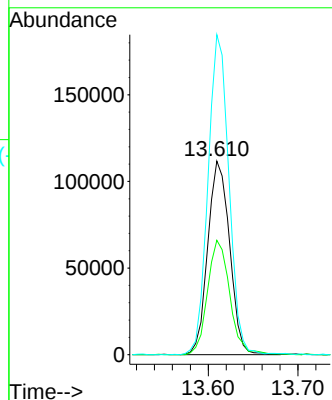
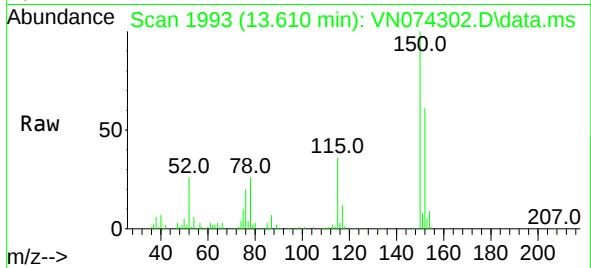




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

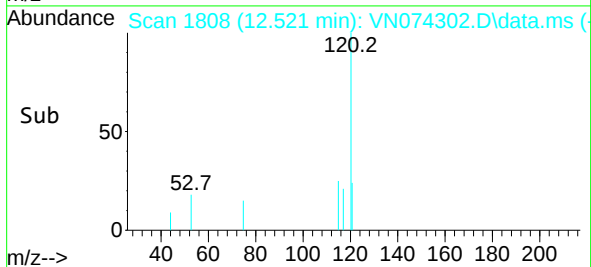
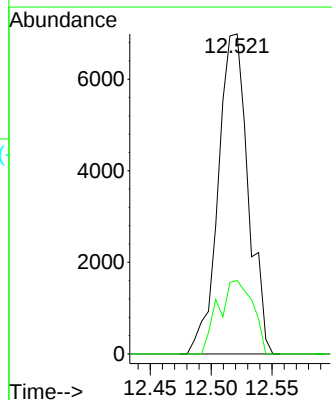
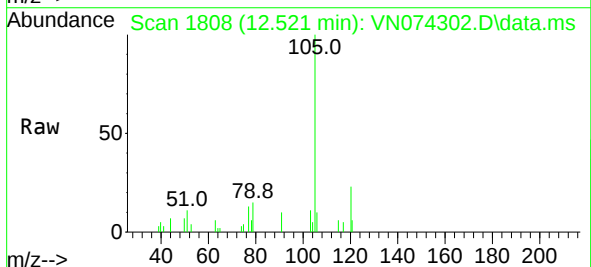
Instrument :
MSVOA_N
ClientSampleId :
MW-25DL

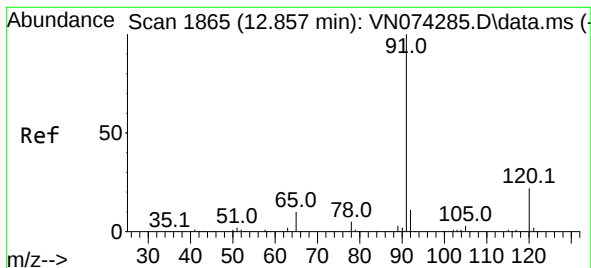
Tgt Ion:152 Resp: 189296
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 158.3 0.0 356.2



#73
Isopropylbenzene
Concen: 0.722 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Tgt Ion:105 Resp: 11970
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4





#78

n-propylbenzene

Concen: 1.607 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN074302.D

Acq: 02 Sep 2022 22:12

Instrument :

MSVOA_N

ClientSampleId :

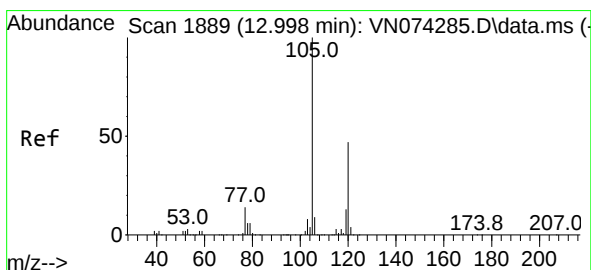
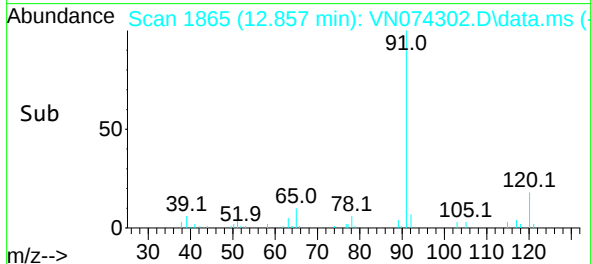
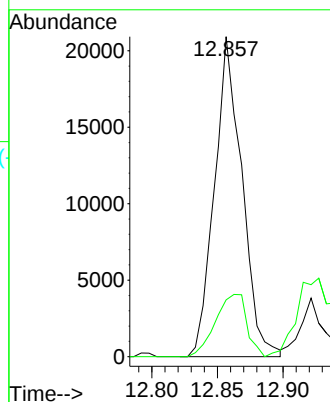
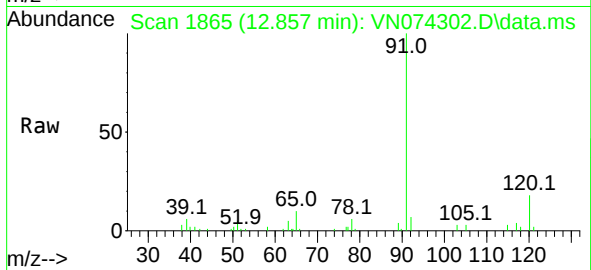
MW-25DL

Tgt Ion: 91 Resp: 30442

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 1.781 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN074302.D

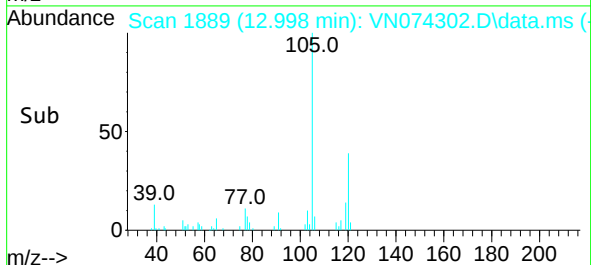
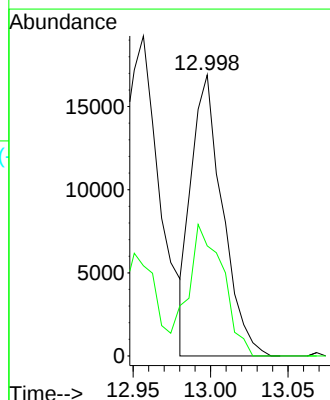
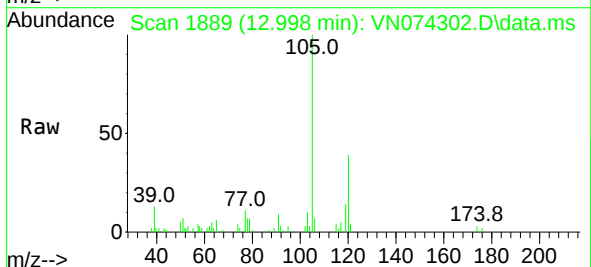
Acq: 02 Sep 2022 22:12

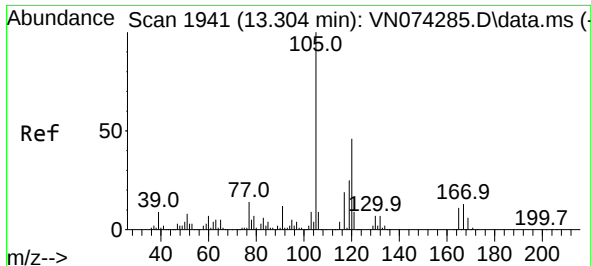
Tgt Ion: 105 Resp: 23672

Ion Ratio Lower Upper

105 100

120 51.7 24.9 74.7

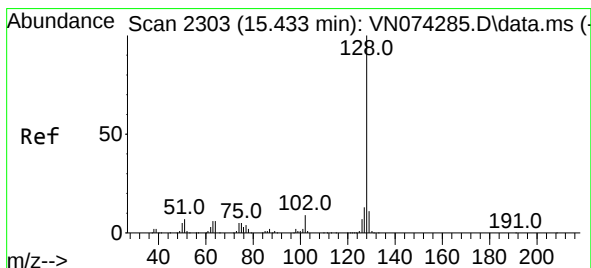
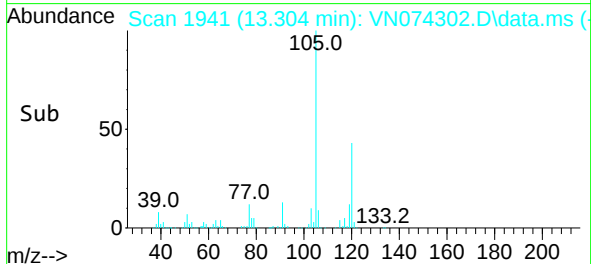
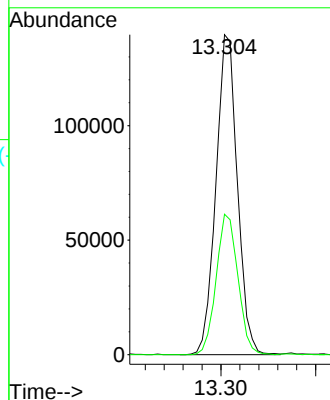
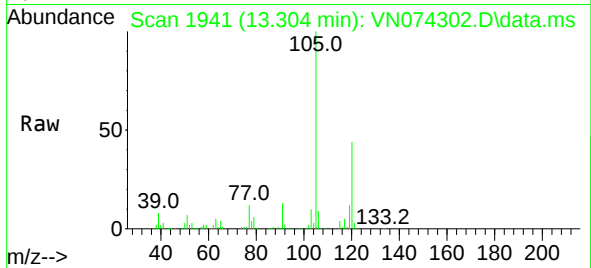




#84
1,2,4-Trimethylbenzene
Concen: 16.344 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Instrument :
MSVOA_N
ClientSampleId :
MW-25DL

Tgt Ion:105 Resp: 220032
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8



#95
Naphthalene
Concen: 18.418 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN074302.D
Acq: 02 Sep 2022 22:12

Tgt Ion:128 Resp: 245624
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.2 8.6 13.0

