

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074303.D
 Acq On : 02 Sep 2022 22:37
 Operator : JC\MD
 Sample : N4354-09DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27DL

Quant Time: Sep 03 04:42:26 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)

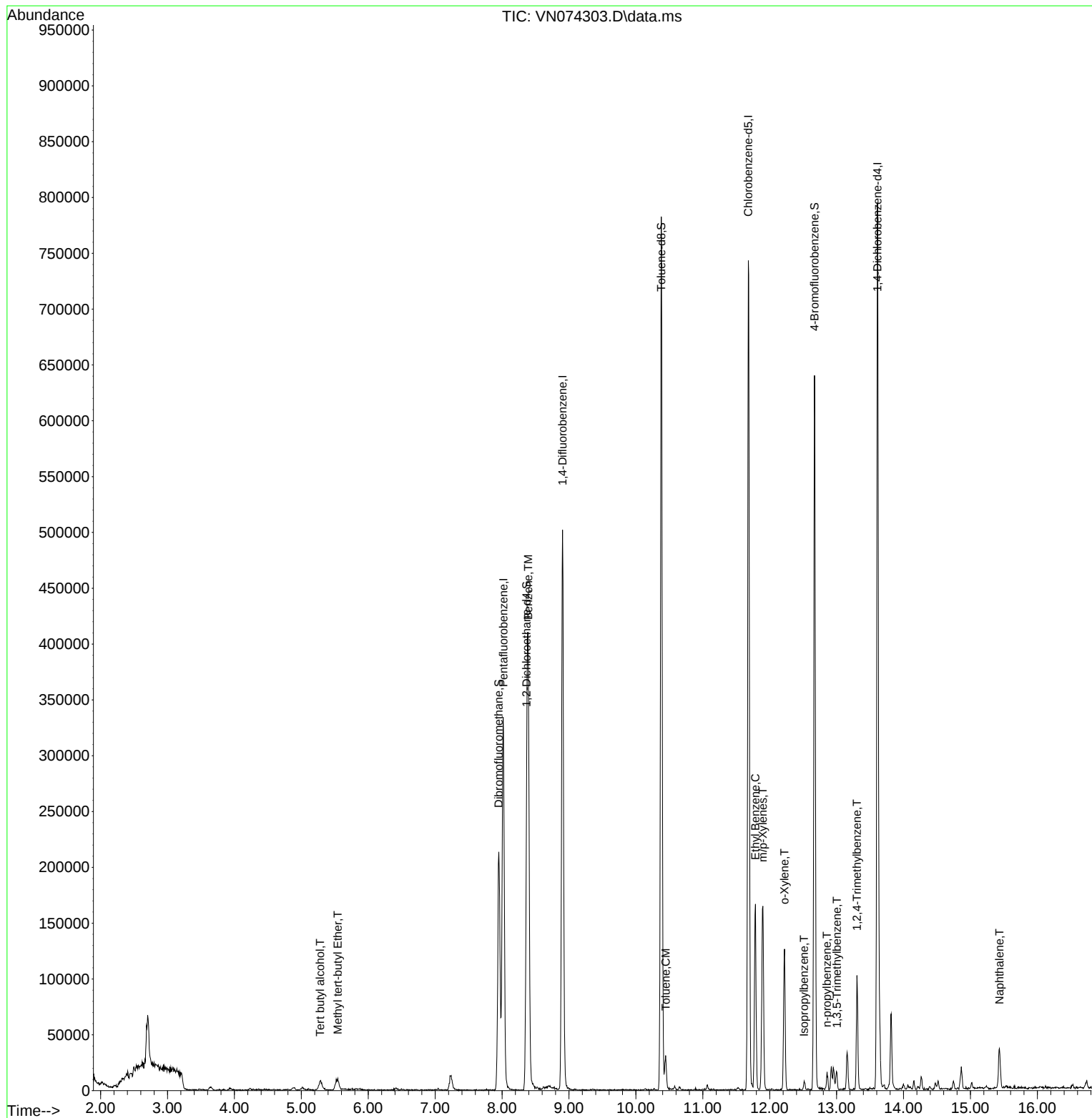
Internal Standards						
1) Pentafluorobenzene	8.022	168	245944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	433764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	412159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	194355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	168021	43.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.660%
35) Dibromofluoromethane	7.951	113	148503	51.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.340%
50) Toluene-d8	10.380	98	509654	44.966	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.940%
62) 4-Bromofluorobenzene	12.668	95	185757	45.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	13789	19.825	ug/l	95
19) Methyl tert-butyl Ether	5.545	73	15206	1.585	ug/l #	82
40) Benzene	8.392	78	315753	24.535	ug/l	96
52) Toluene	10.445	92	10693	1.345	ug/l	91
67) Ethyl Benzene	11.786	91	117088	7.050	ug/l	96
68) m/p-Xylenes	11.898	106	51283	8.271	ug/l	97
69) o-Xylene	12.221	106	32962	5.327	ug/l	100
73) Isopropylbenzene	12.515	105	5388	0.317	ug/l	89
78) n-propylbenzene	12.857	91	12317	0.633	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	7498	0.549	ug/l	100
84) 1,2,4-Trimethylbenzene	13.304	105	52064	3.767	ug/l	99
95) Naphthalene	15.433	128	33075	3.079	ug/l	99

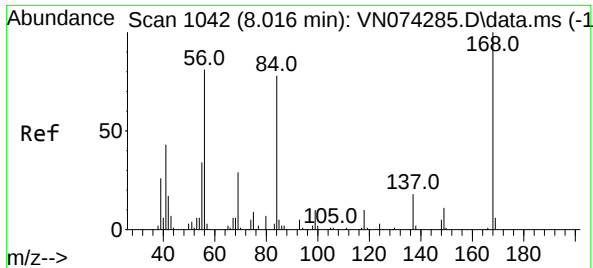
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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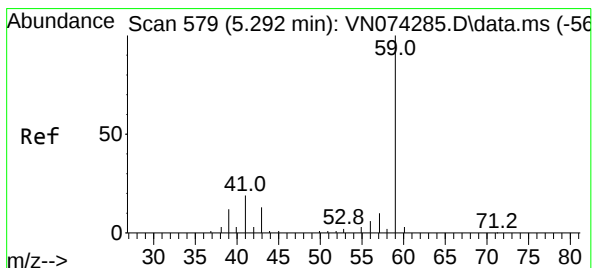
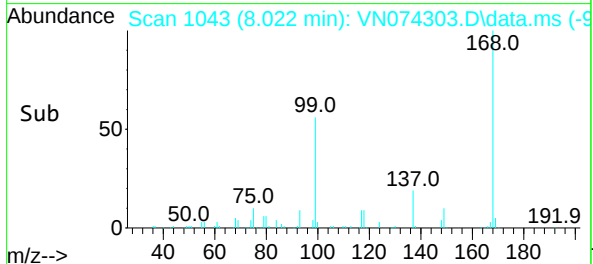
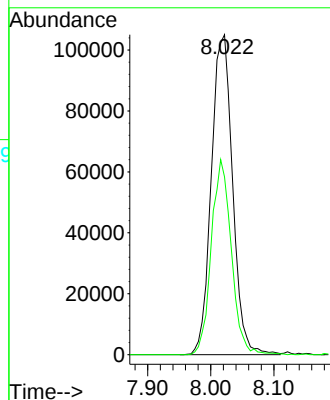
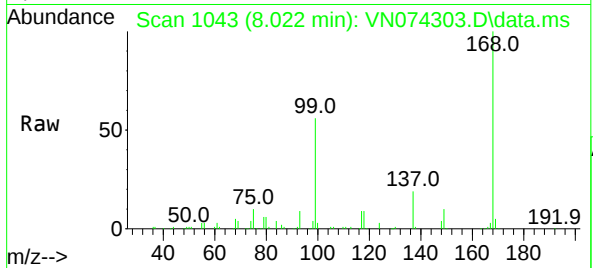




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

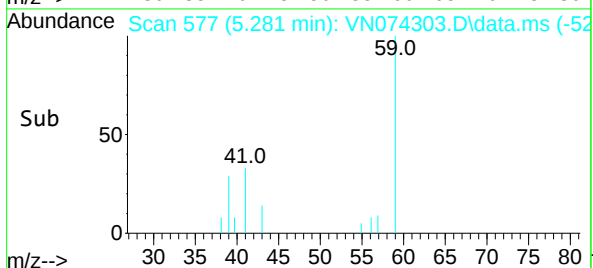
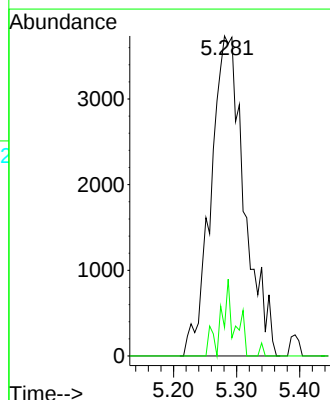
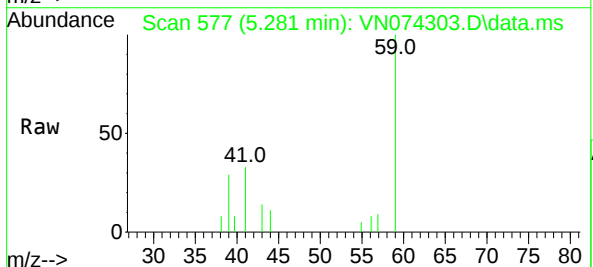
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

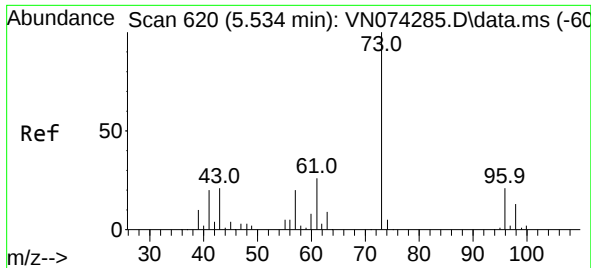
Tgt Ion:168 Resp: 245944
Ion Ratio Lower Upper
168 100
99 55.6 42.3 63.5



#11
Tert butyl alcohol
Concen: 19.825 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

Tgt Ion: 59 Resp: 13789
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5

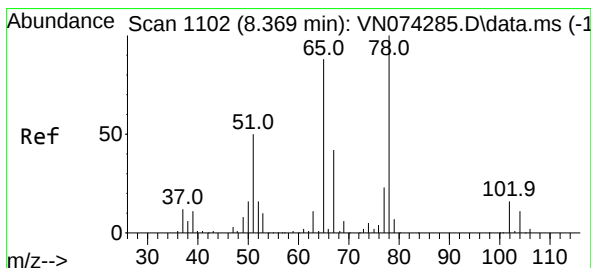
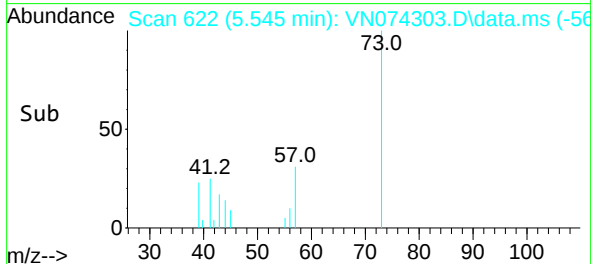
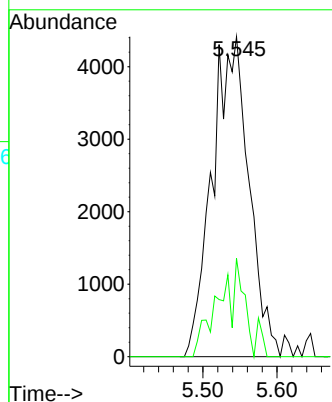
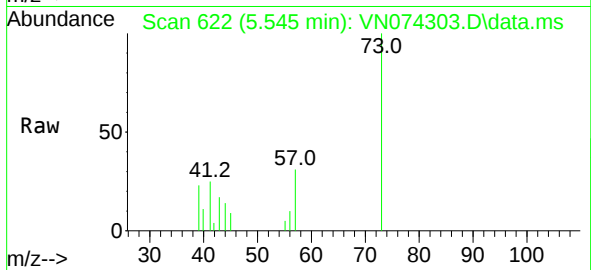




#19
Methyl tert-butyl Ether
Concen: 1.585 ug/l
RT: 5.545 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

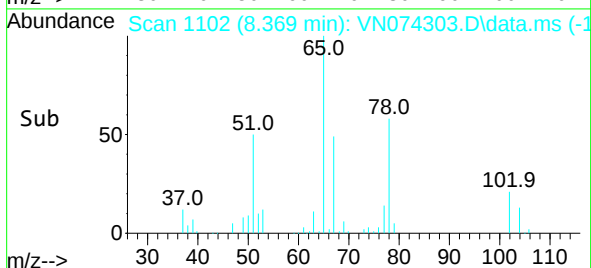
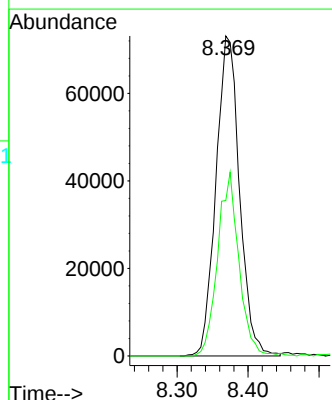
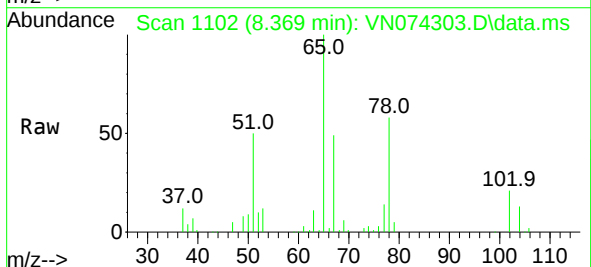
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

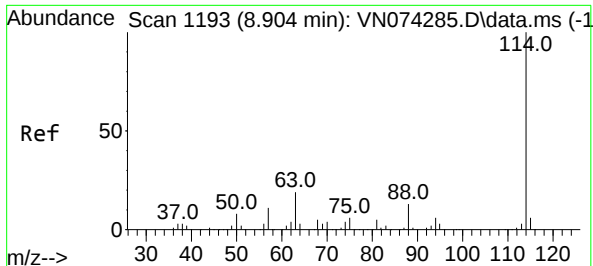
Tgt Ion: 73 Resp: 15206
Ion Ratio Lower Upper
73 100
57 30.7 17.6 26.4#



#33
1,2-Dichloroethane-d4
Concen: 43.826 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

Tgt Ion: 65 Resp: 168021
Ion Ratio Lower Upper
65 100
67 52.1 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: VN074303.D

Acq: 02 Sep 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

MW-27DL

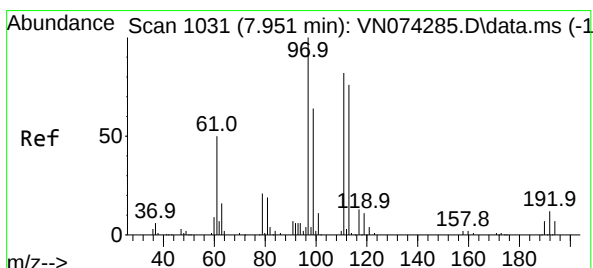
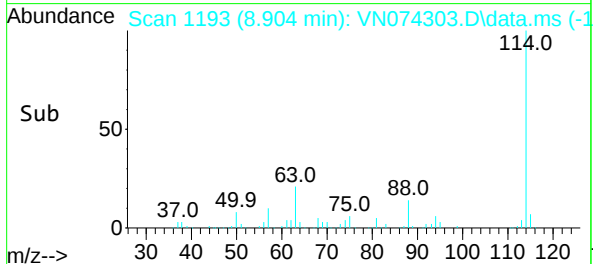
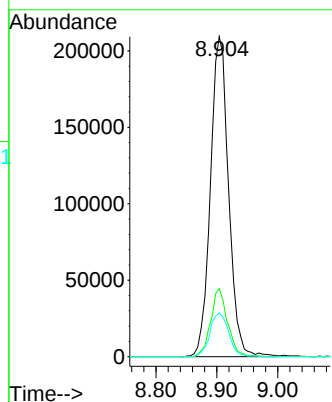
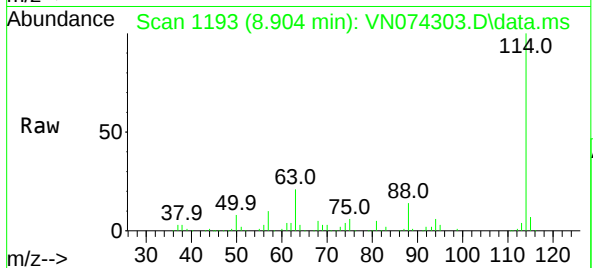
Tgt Ion:114 Resp: 433764

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 13.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.665 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074303.D

Acq: 02 Sep 2022 22:37

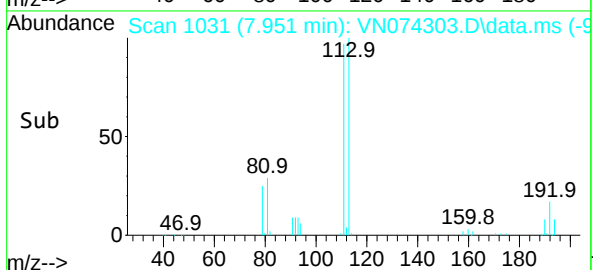
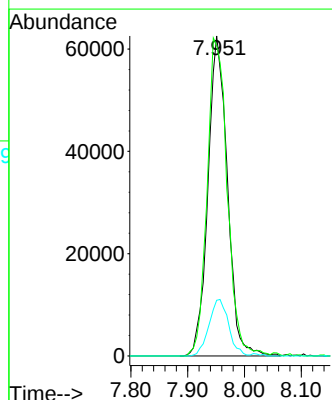
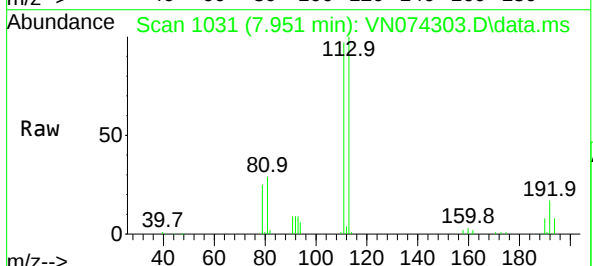
Tgt Ion:113 Resp: 148503

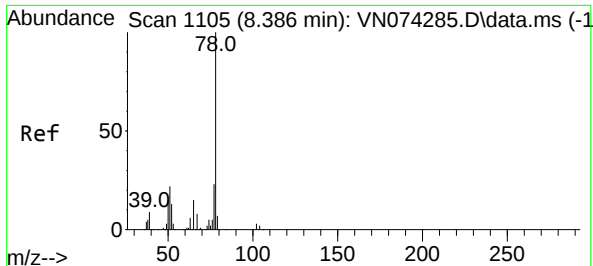
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 17.8 17.0 25.6

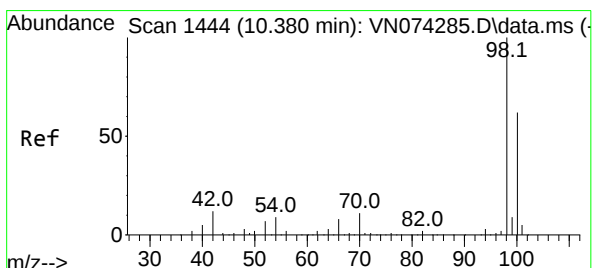
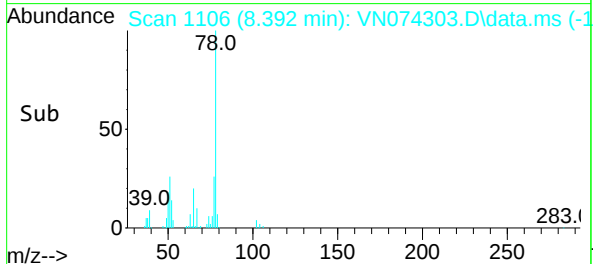
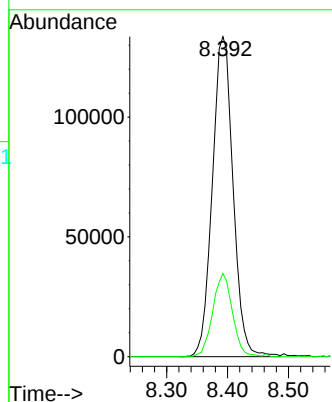
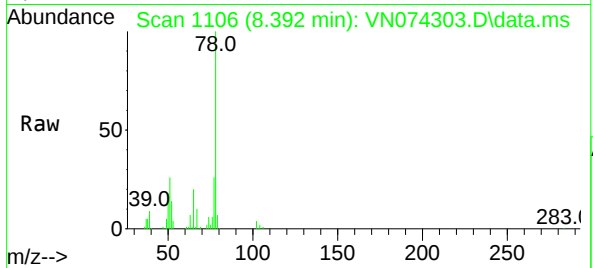




#40
Benzene
Concen: 24.535 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

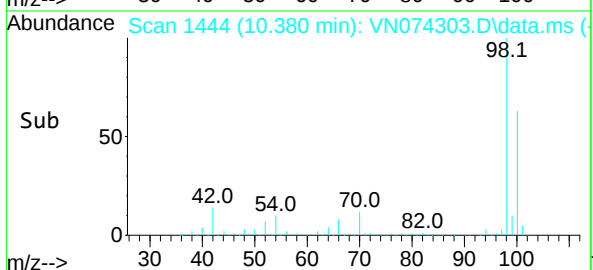
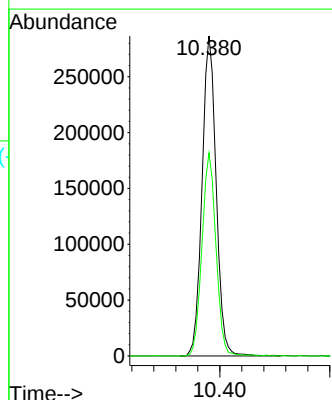
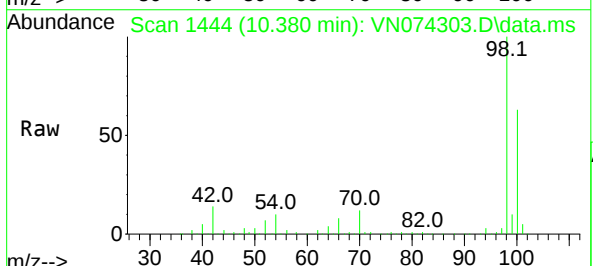
Instrument :
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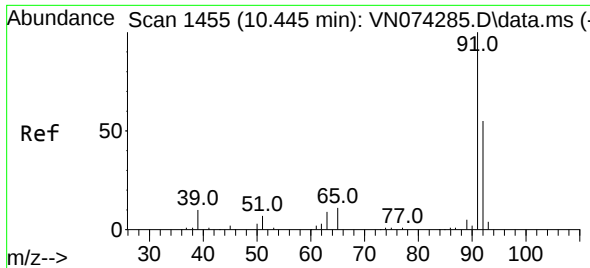
Tgt Ion: 78 Resp: 315753
Ion Ratio Lower Upper
78 100
77 26.0 19.4 29.0



#50
Toluene-d8
Concen: 44.966 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

Tgt Ion: 98 Resp: 509654
Ion Ratio Lower Upper
98 100
100 62.9 52.6 78.8

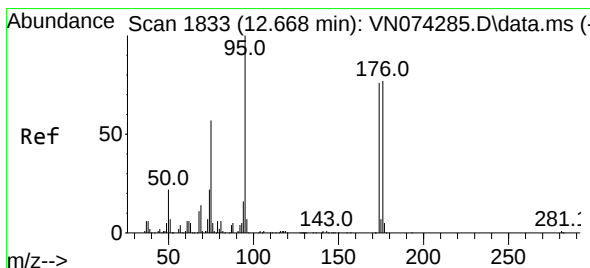
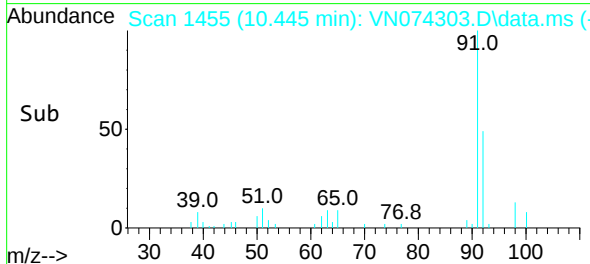
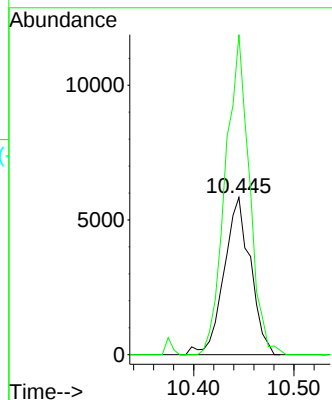
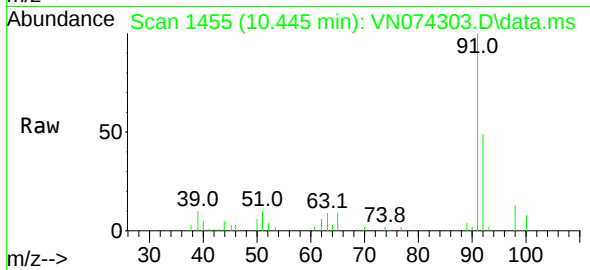




#52
Toluene
Concen: 1.345 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

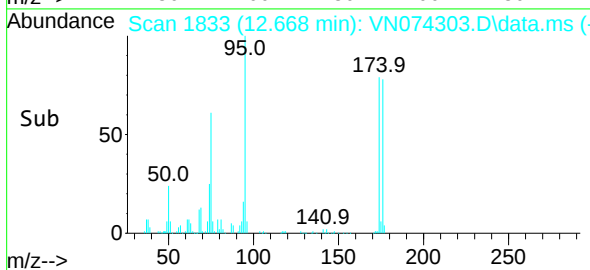
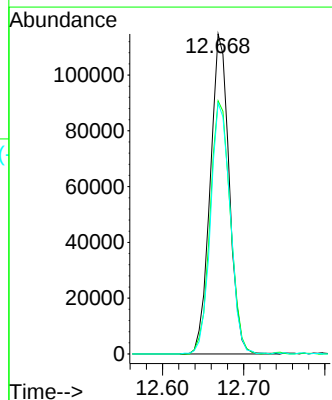
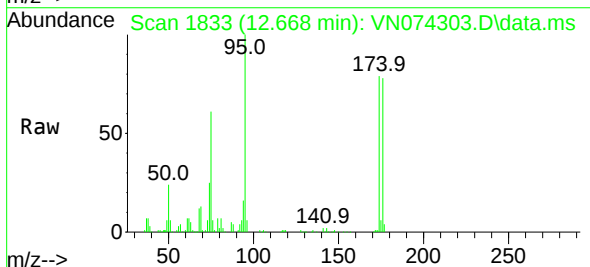
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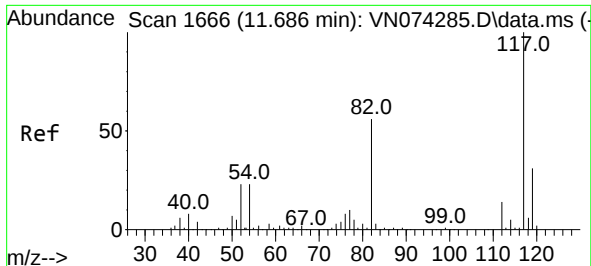
Tgt Ion: 92 Resp: 10693
Ion Ratio Lower Upper
92 100
91 185.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 45.086 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

Tgt Ion: 95 Resp: 185757
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 81.1 0.0 163.4

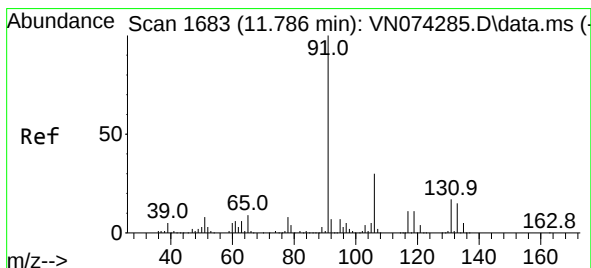
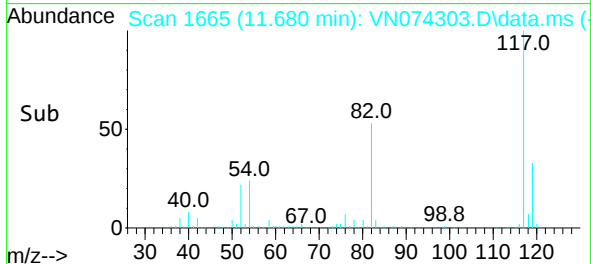
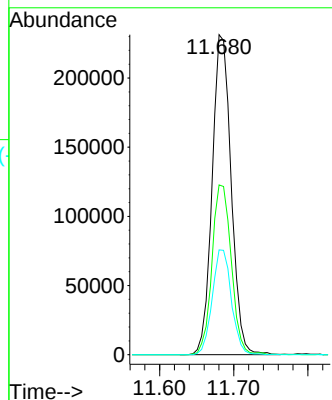
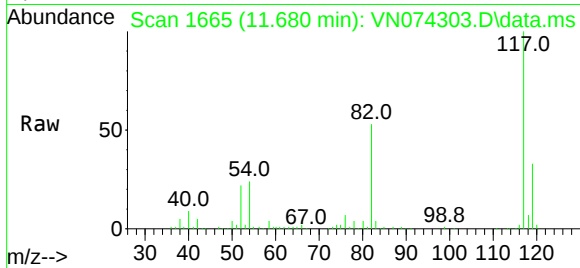




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

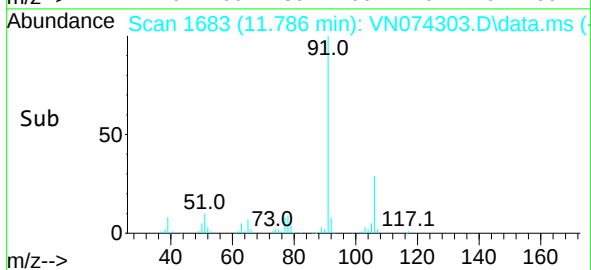
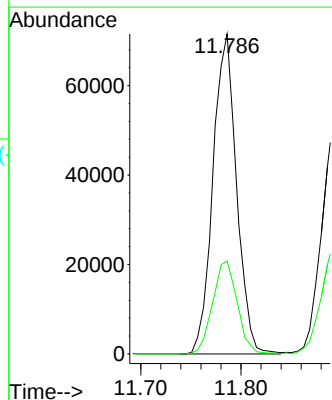
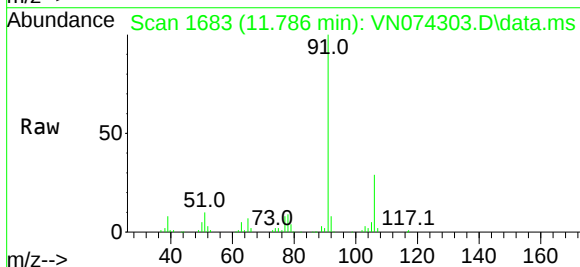
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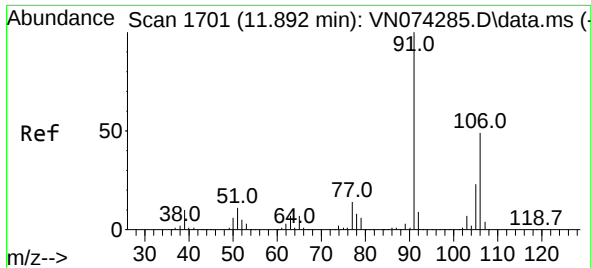
Tgt Ion:117 Resp: 412159
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 32.7 25.4 38.0



#67
Ethyl Benzene
Concen: 7.050 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

Tgt Ion: 91 Resp: 117088
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3

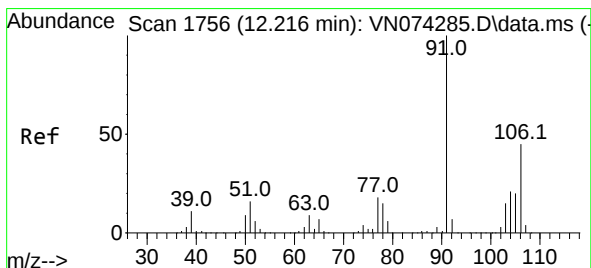
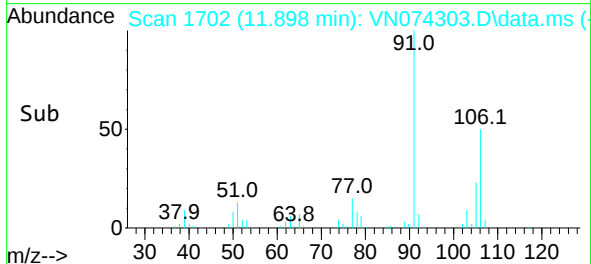
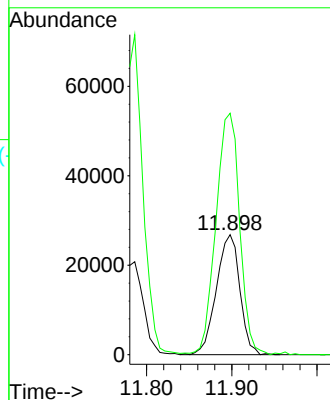
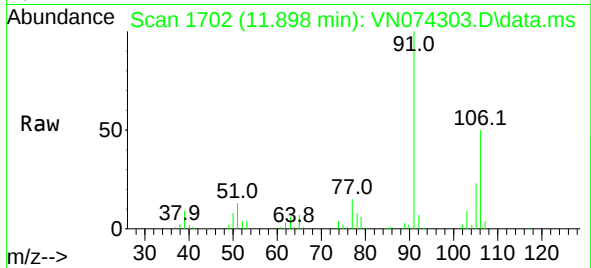




#68
m/p-Xylenes
Concen: 8.271 ug/l
RT: 11.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

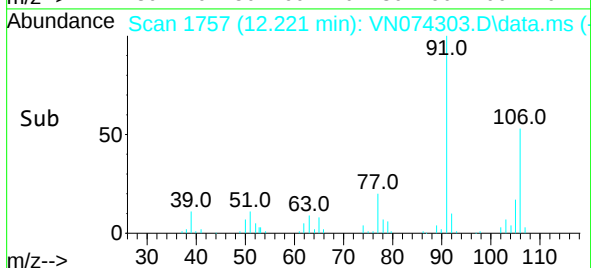
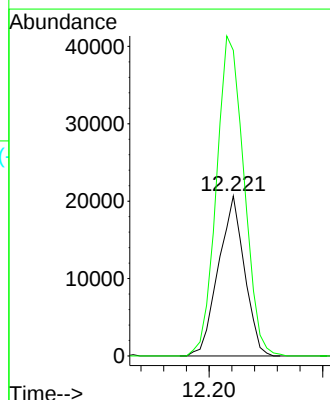
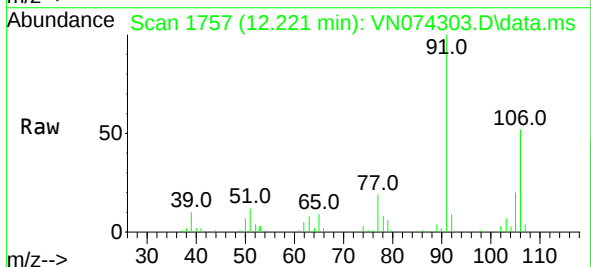
Instrument :
MSVOA_N
ClientSampleId :
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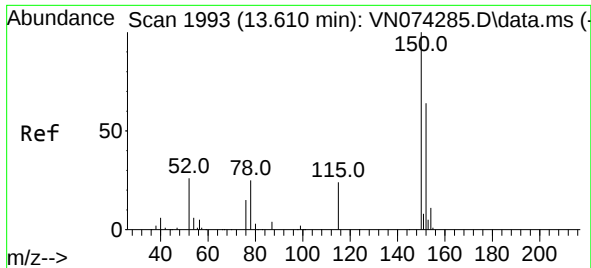
Tgt Ion:106 Resp: 51283
Ion Ratio Lower Upper
106 100
91 203.0 158.9 238.3



#69
o-Xylene
Concen: 5.327 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

Tgt Ion:106 Resp: 32962
Ion Ratio Lower Upper
106 100
91 211.4 106.0 318.0

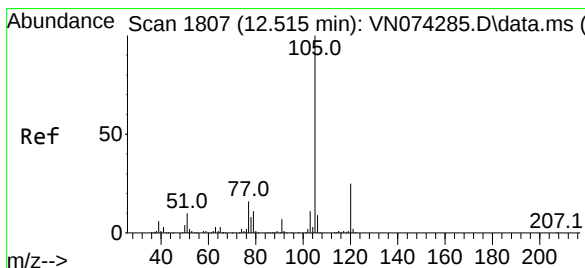
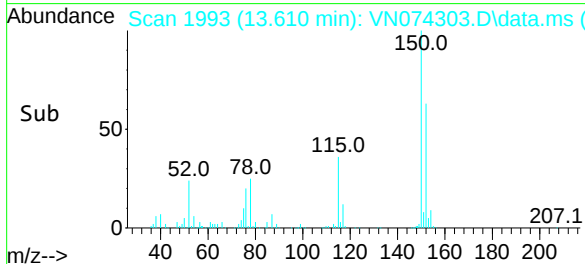
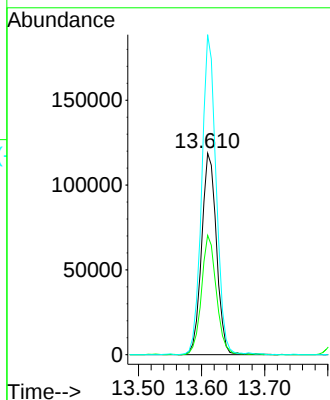
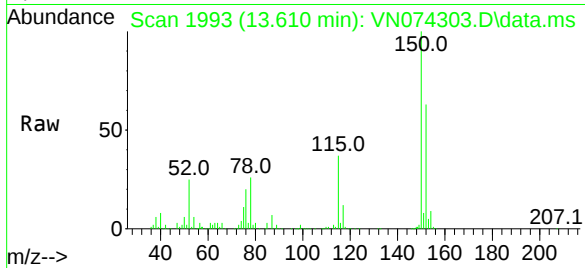




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

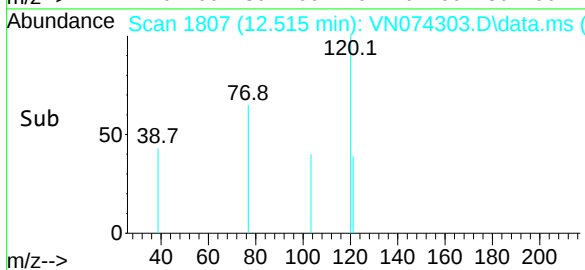
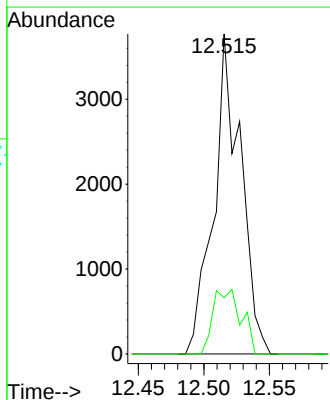
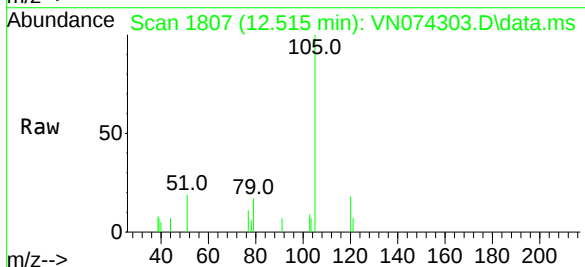
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

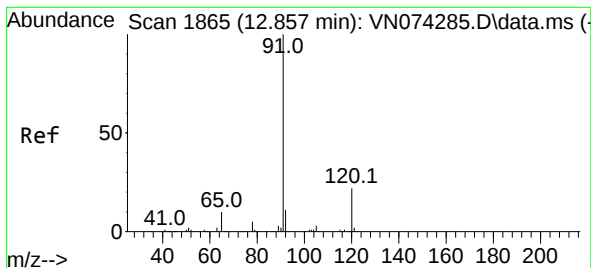
Tgt Ion:152 Resp: 194355
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.7
150 153.8 0.0 356.2



#73
Isopropylbenzene
Concen: 0.317 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN074303.D
Acq: 02 Sep 2022 22:37

Tgt Ion:105 Resp: 5388
Ion Ratio Lower Upper
105 100
120 21.1 13.5 40.4





#78

n-propylbenzene

Concen: 0.633 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN074303.D

Acq: 02 Sep 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

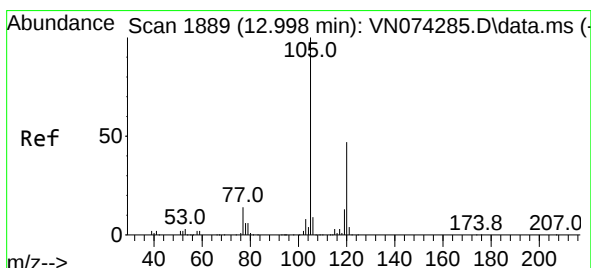
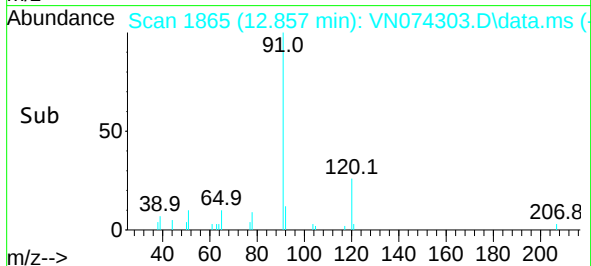
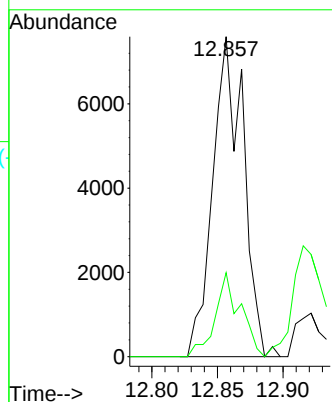
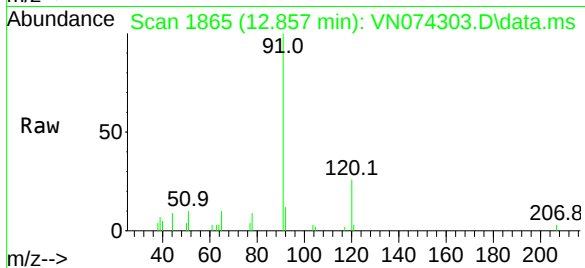
MW-27DL

Tgt Ion: 91 Resp: 12317

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 0.549 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN074303.D

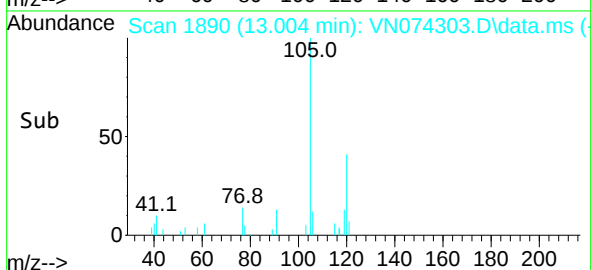
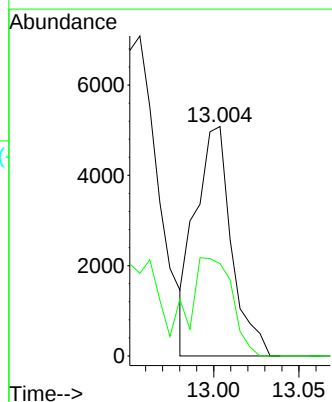
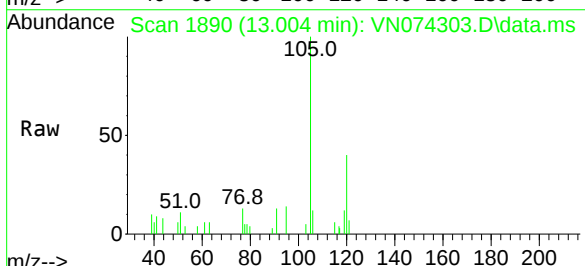
Acq: 02 Sep 2022 22:37

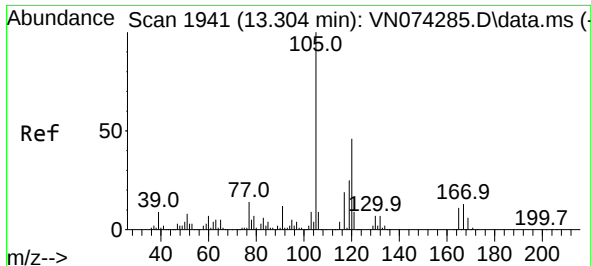
Tgt Ion: 105 Resp: 7498

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.7

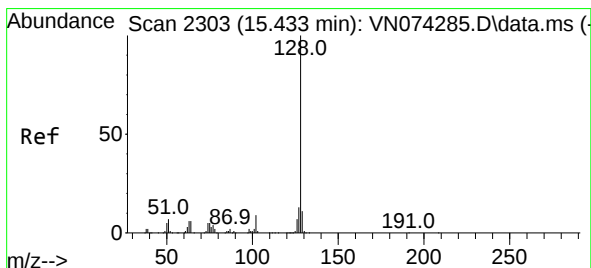
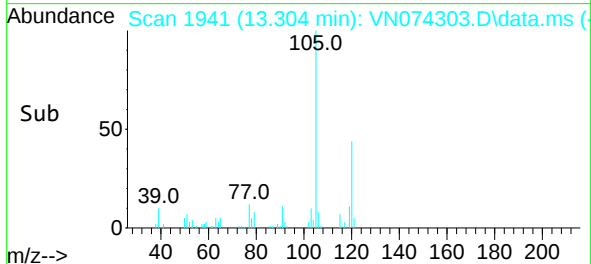
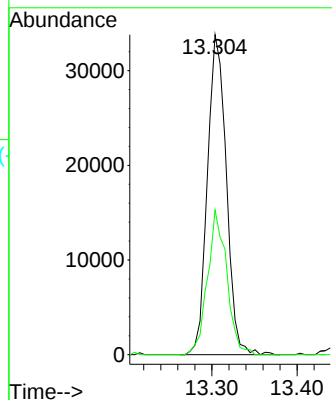
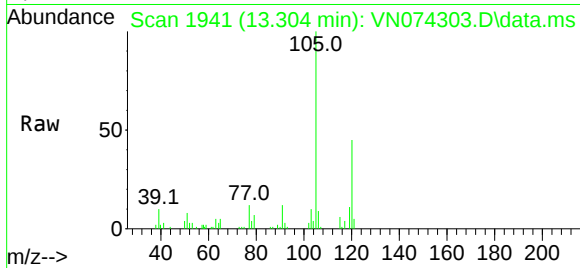




#84
 1,2,4-Trimethylbenzene
 Concen: 3.767 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: VN074303.D
 Acq: 02 Sep 2022 22:37

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27DL

Tgt Ion:105 Resp: 52064
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8



#95
 Naphthalene
 Concen: 3.079 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN074303.D
 Acq: 02 Sep 2022 22:37

Tgt Ion:128 Resp: 33075
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 10.2 8.6 13.0

