

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074272.D
 Acq On : 02 Sep 2022 04:08
 Operator : JC\MD
 Sample : N4354-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Sep 02 05:45:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	196626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	368813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	355884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	160286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	145647	47.751	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.500%
35) Dibromofluoromethane	7.951	113	120695	50.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	10.380	98	439018	46.451	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.900%
62) 4-Bromofluorobenzene	12.668	95	163418	56.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.720%

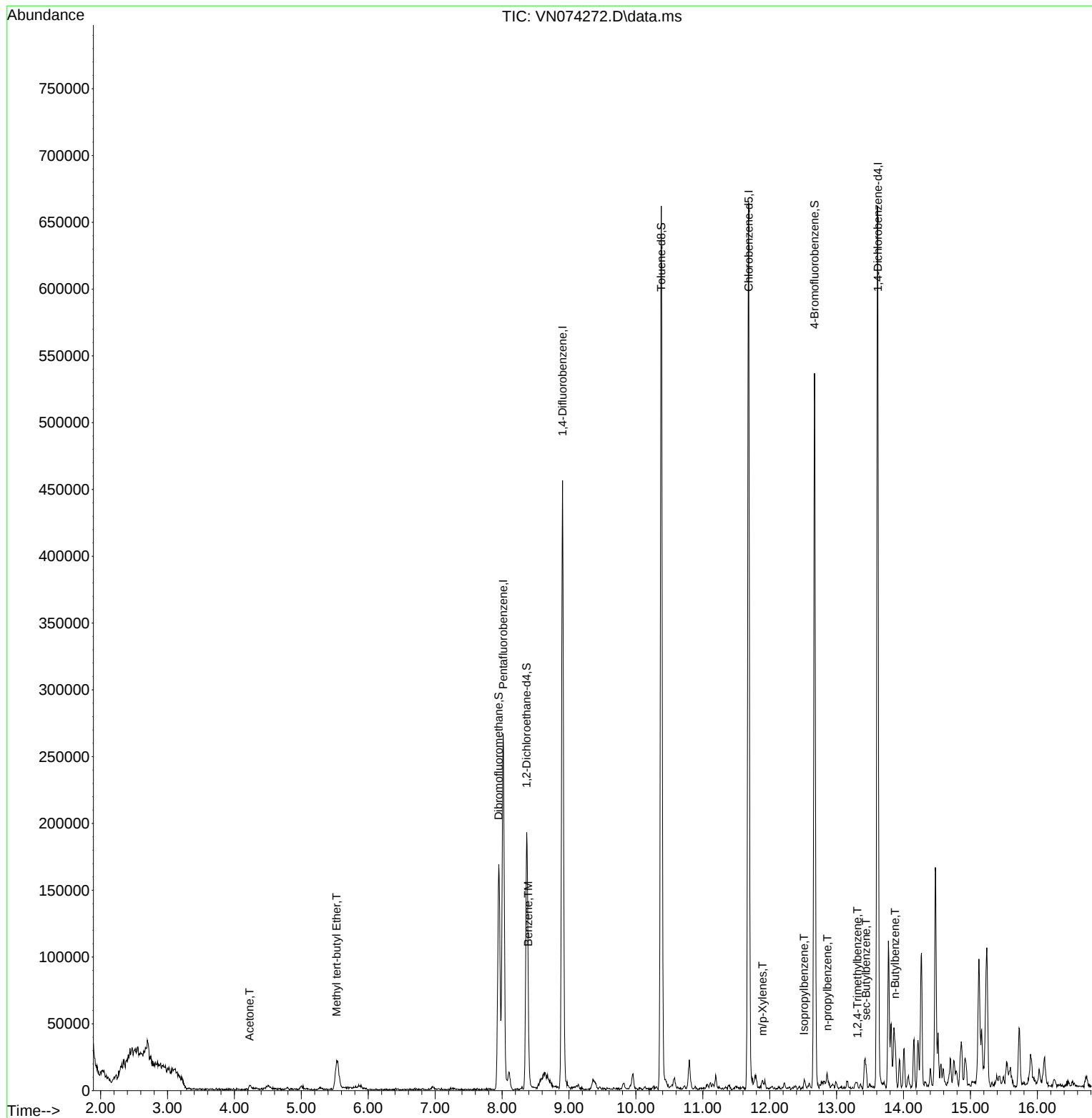
Target Compounds					Qvalue	
16) Acetone	4.228	43	5453	2.675	ug/l #	84
19) Methyl tert-butyl Ether	5.528	73	31122	3.650	ug/l #	89
40) Benzene	8.392	78	4577	0.374	ug/l #	81
68) m/p-Xylenes	11.892	106	2203	0.413	ug/l	96
73) Isopropylbenzene	12.515	105	3792	0.276	ug/l	99
78) n-propylbenzene	12.863	91	9223	0.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	2677	0.248	ug/l	73
85) sec-Butylbenzene	13.439	105	10220	0.763	ug/l #	54
89) n-Butylbenzene	13.874	91	18121	1.996	ug/l #	65

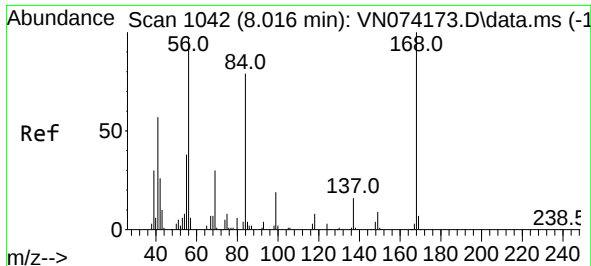
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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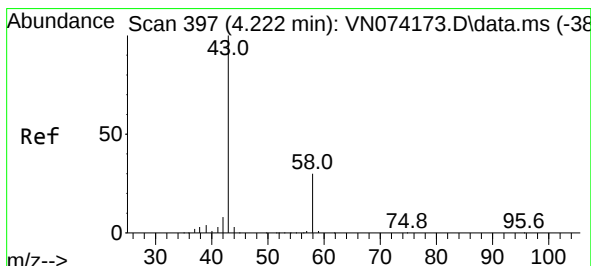
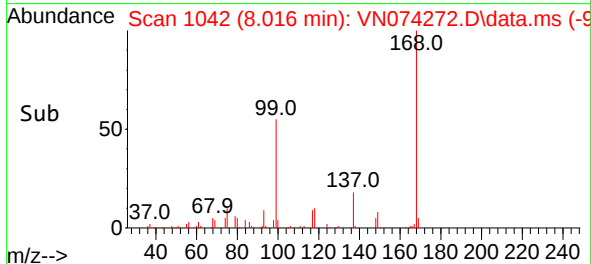
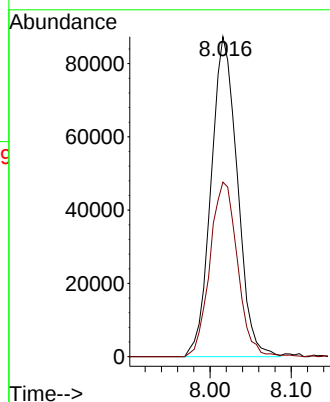
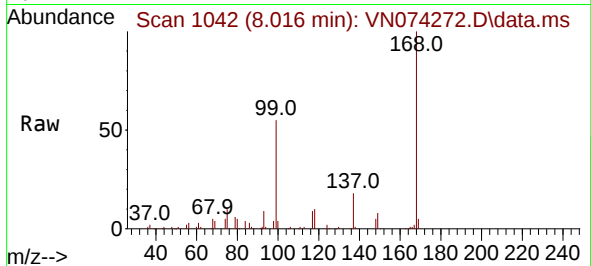




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

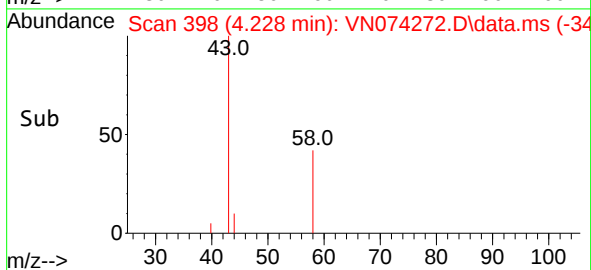
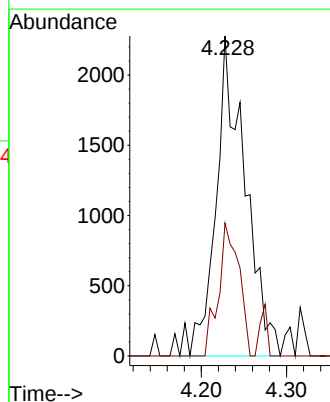
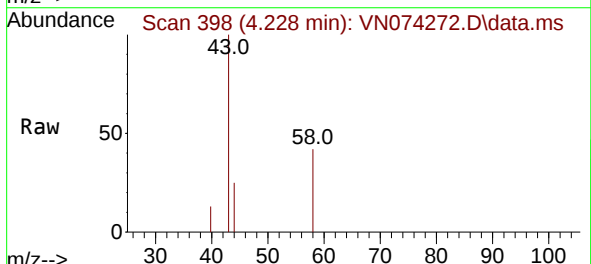
Instrument :
MSVOA_N
ClientSampleId :
MW-24

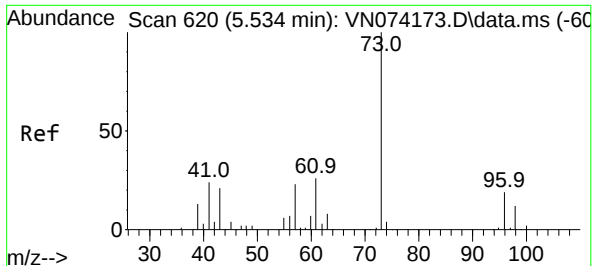
Tgt Ion:168 Resp: 196626
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5



#16
Acetone
Concen: 2.675 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

Tgt Ion: 43 Resp: 5453
Ion Ratio Lower Upper
43 100
58 41.5 26.0 39.0#

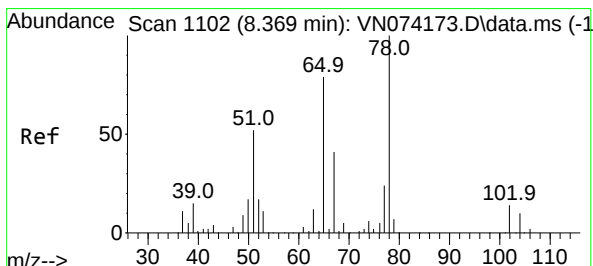
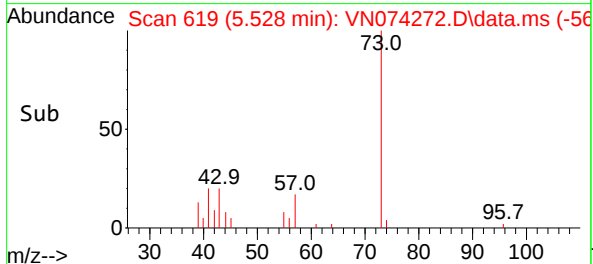
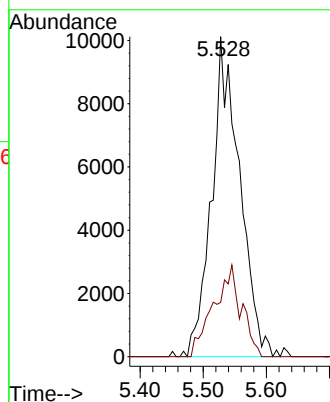
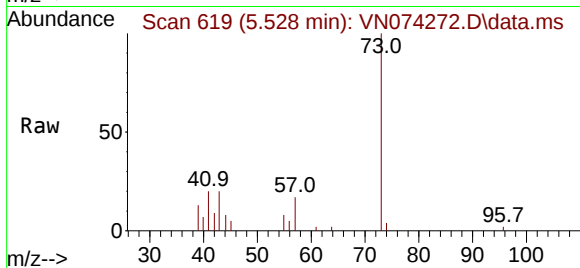




#19
Methyl tert-butyl Ether
Concen: 3.650 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

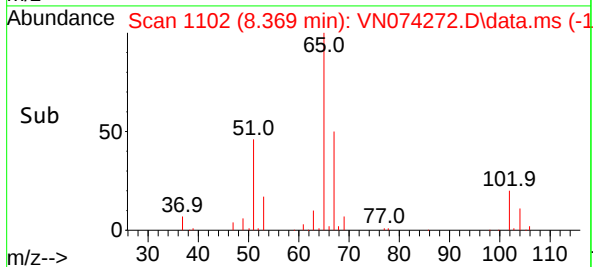
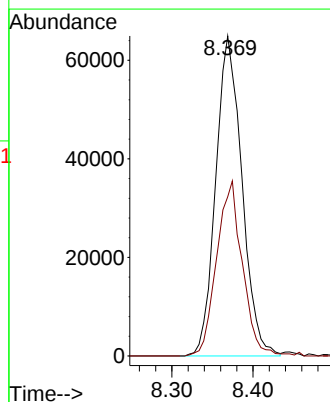
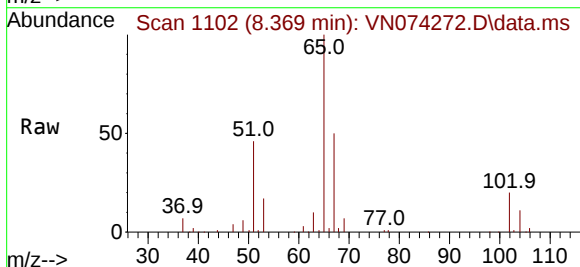
Instrument :
MSVOA_N
ClientSampleId :
MW-24

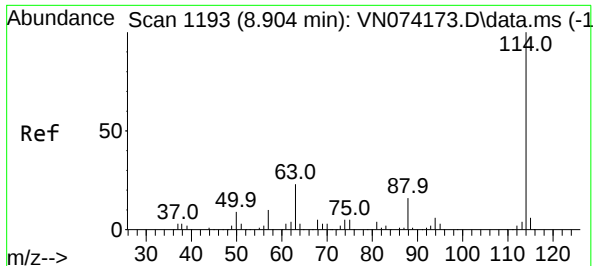
Tgt Ion: 73 Resp: 31122
Ion Ratio Lower Upper
73 100
57 16.9 17.6 26.4#



#33
1,2-Dichloroethane-d4
Concen: 47.751 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

Tgt Ion: 65 Resp: 145647
Ion Ratio Lower Upper
65 100
67 53.8 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: VN074272.D

Acq: 02 Sep 2022 04:08

Instrument :

MSVOA_N

ClientSampleId :

MW-24

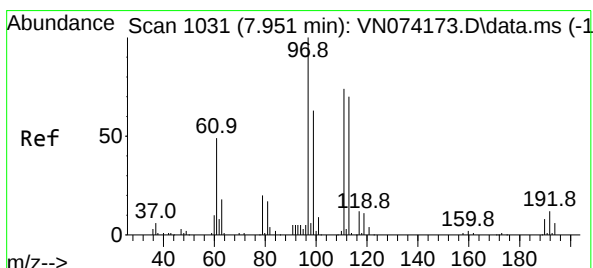
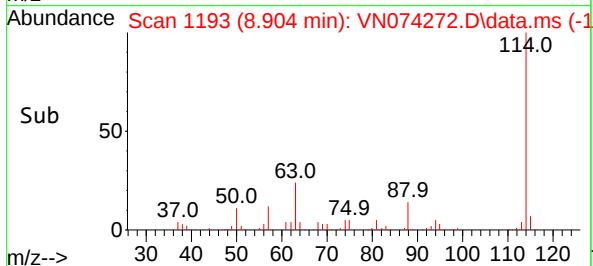
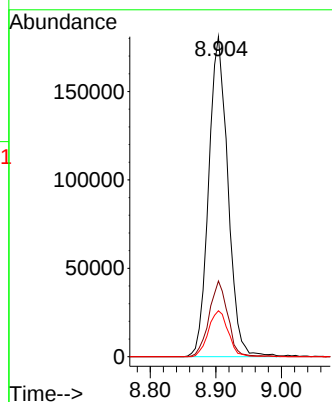
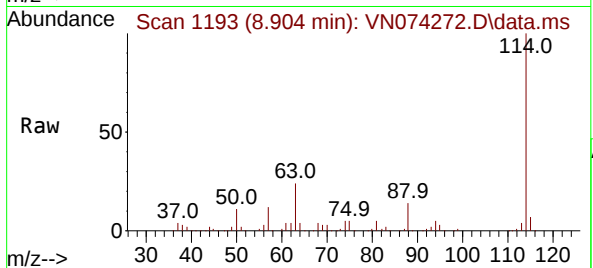
Tgt Ion:114 Resp: 368813

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.291 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074272.D

Acq: 02 Sep 2022 04:08

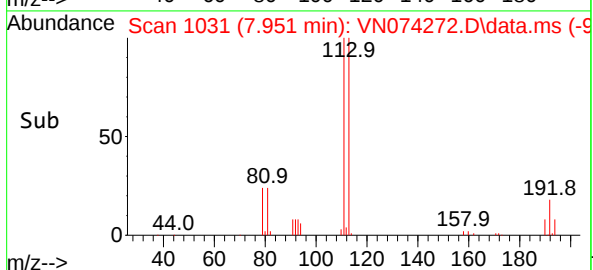
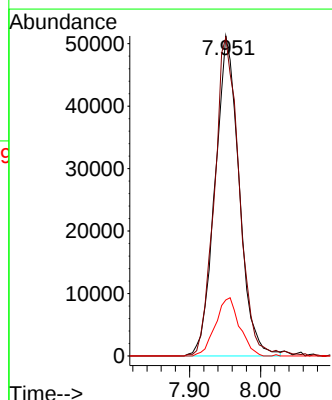
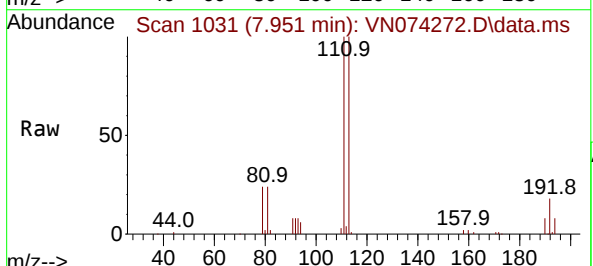
Tgt Ion:113 Resp: 120695

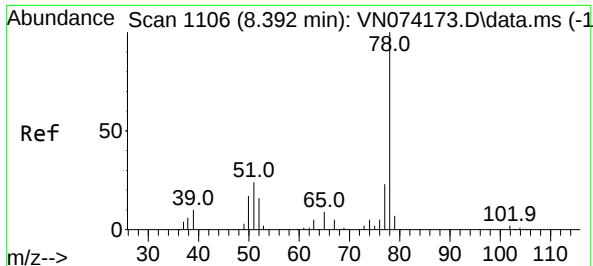
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.1 17.0 25.6

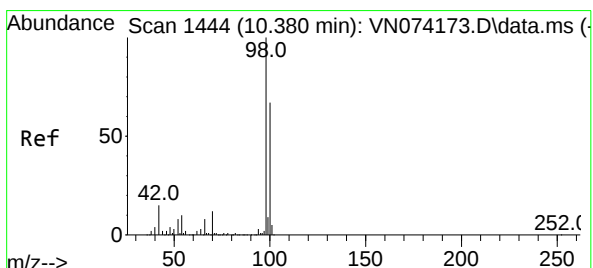
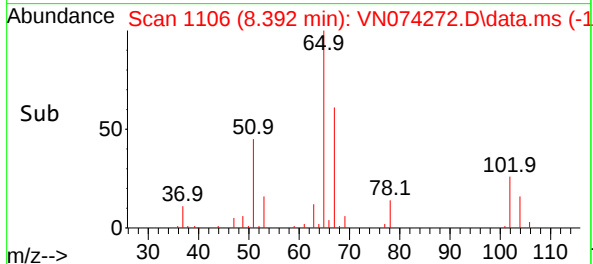
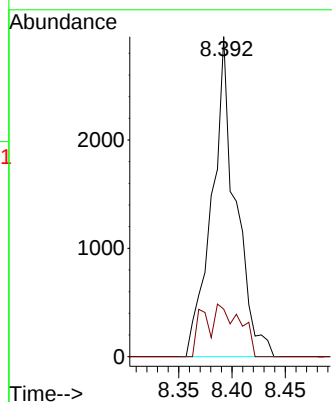
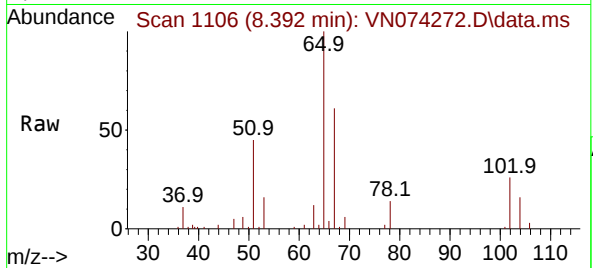




#40
Benzene
Concen: 0.374 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

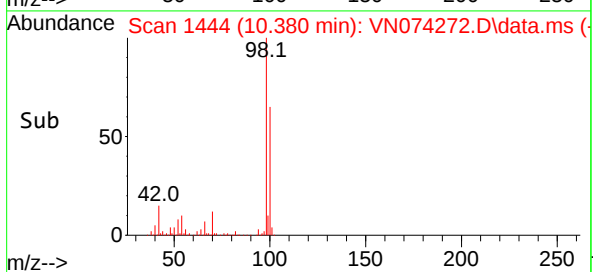
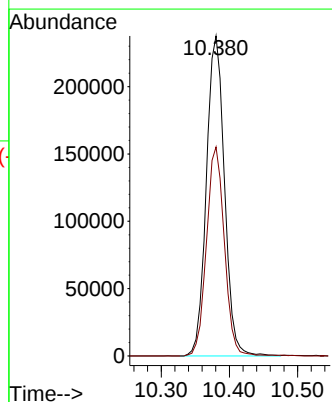
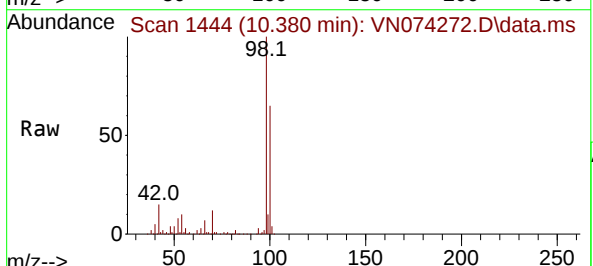
Instrument :
MSVOA_N
ClientSampleId :
MW-24

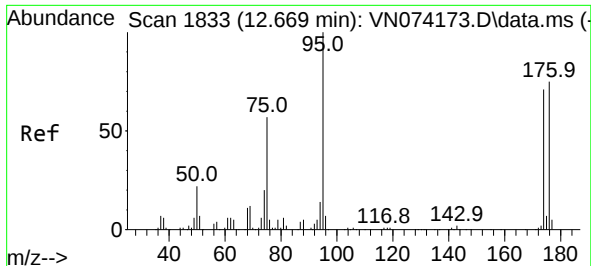
Tgt Ion: 78 Resp: 4577
Ion Ratio Lower Upper
78 100
77 14.8 19.4 29.0#



#50
Toluene-d8
Concen: 46.451 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

Tgt Ion: 98 Resp: 439018
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 56.857 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN074272.D

Acq: 02 Sep 2022 04:08

Instrument :

MSVOA_N

ClientSampleId :

MW-24

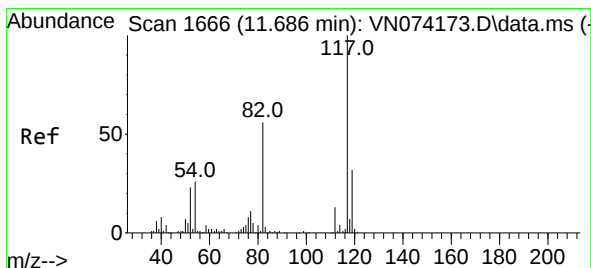
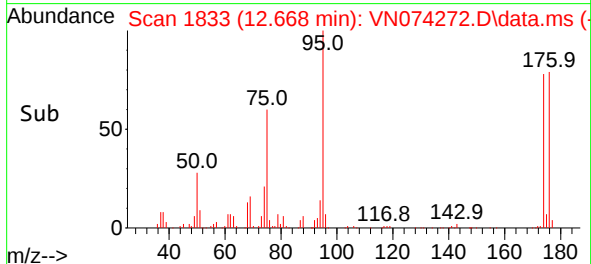
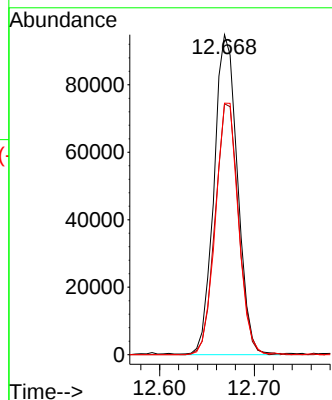
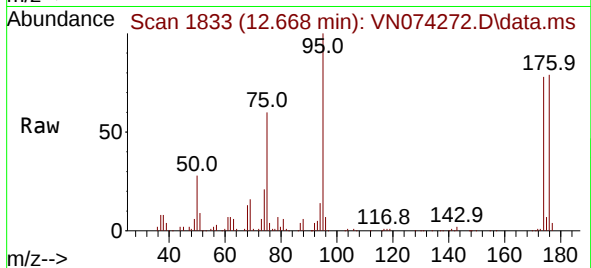
Tgt Ion: 95 Resp: 163418

Ion Ratio Lower Upper

95 100

174 77.6 0.0 167.6

176 76.9 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: VN074272.D

Acq: 02 Sep 2022 04:08

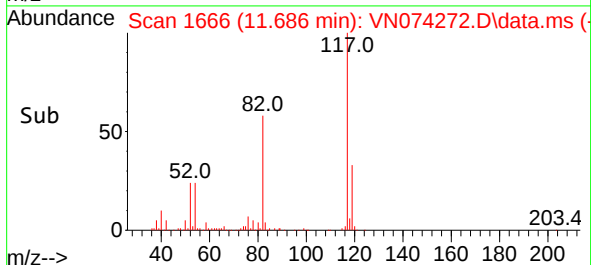
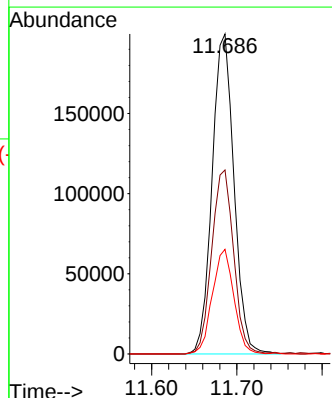
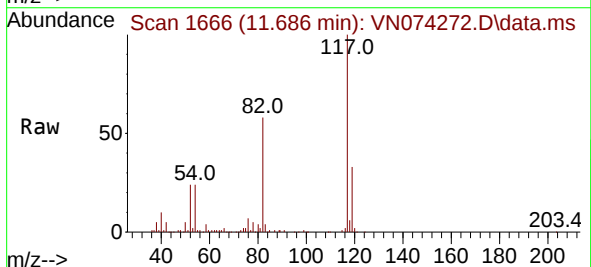
Tgt Ion: 117 Resp: 355884

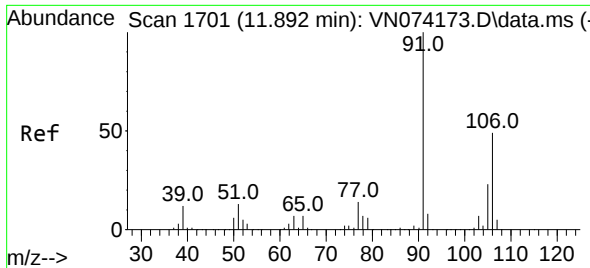
Ion Ratio Lower Upper

117 100

82 57.5 44.2 66.2

119 32.7 25.4 38.0

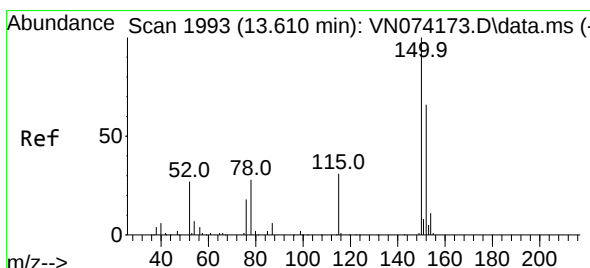
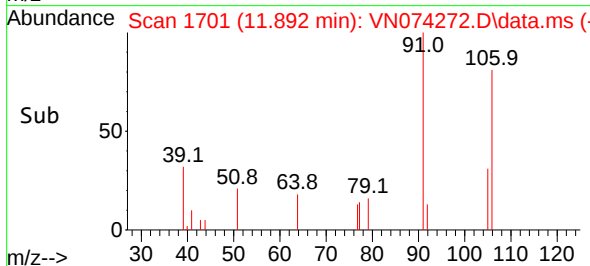
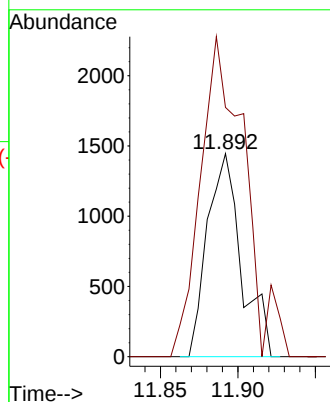
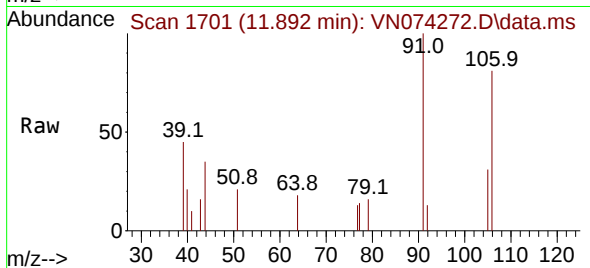




#68
m/p-Xylenes
Concen: 0.413 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

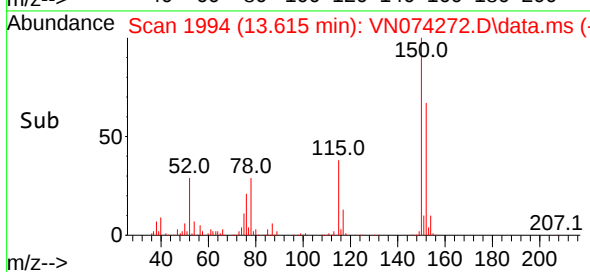
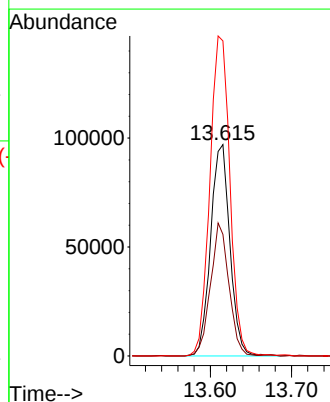
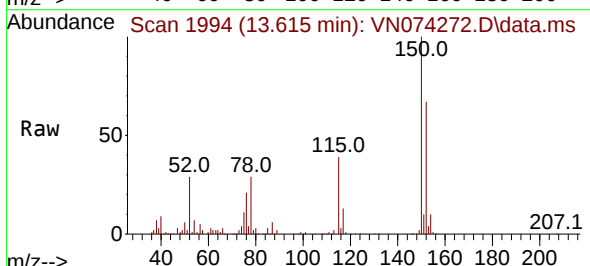
Instrument :
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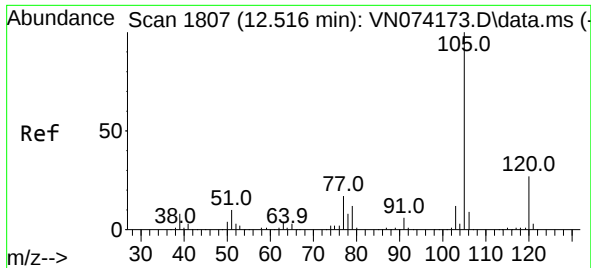
Tgt Ion:106 Resp: 2203
Ion Ratio Lower Upper
106 100
91 204.1 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

Tgt Ion:152 Resp: 160286
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 156.9 0.0 356.2

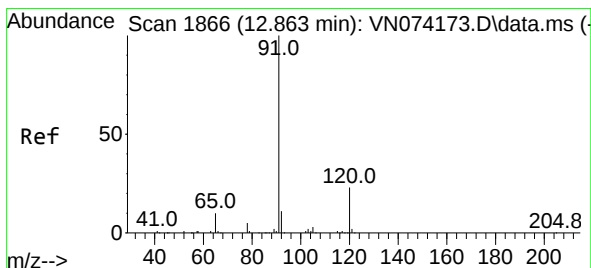
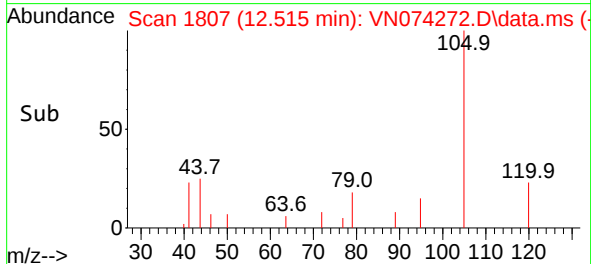
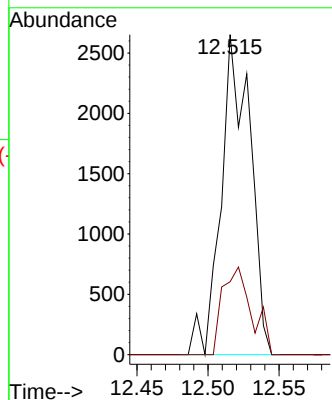
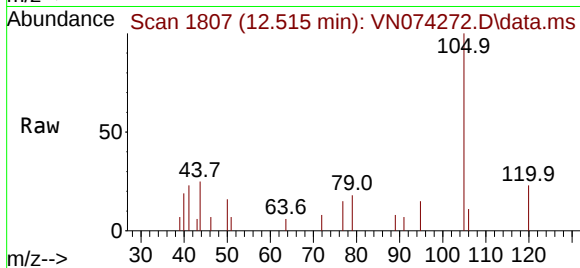




#73
Isopropylbenzene
Concen: 0.276 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

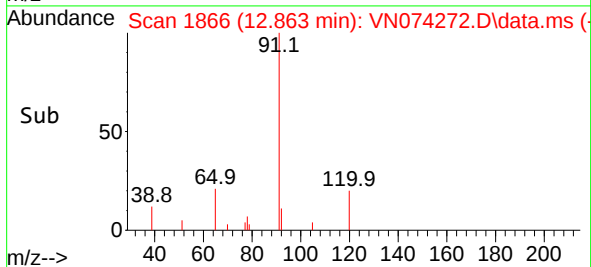
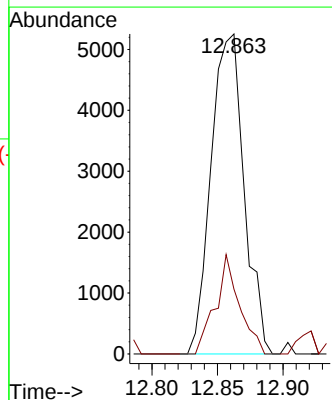
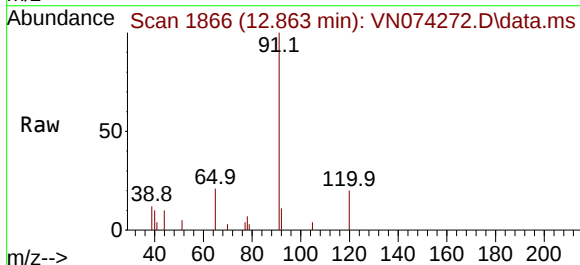
Instrument :
MSVOA_N
ClientSampleId :
MW-24

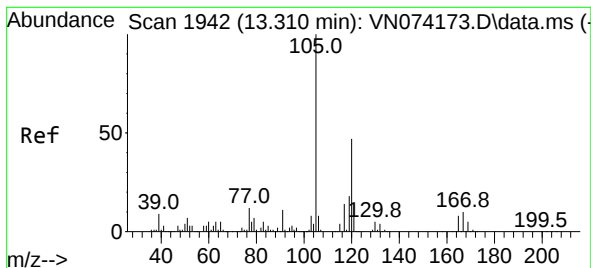
Tgt Ion:105 Resp: 3792
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#78
n-propylbenzene
Concen: 0.589 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074272.D
Acq: 02 Sep 2022 04:08

Tgt Ion: 91 Resp: 9223
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 0.248 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074272.D

Acq: 02 Sep 2022 04:08

Instrument :

MSVOA_N

ClientSampleId :

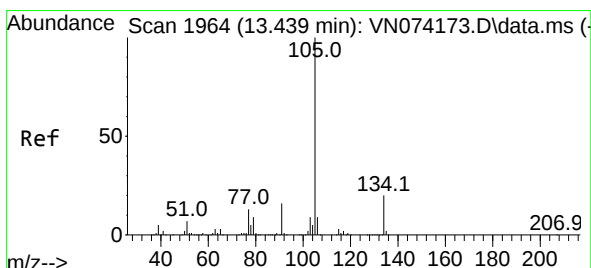
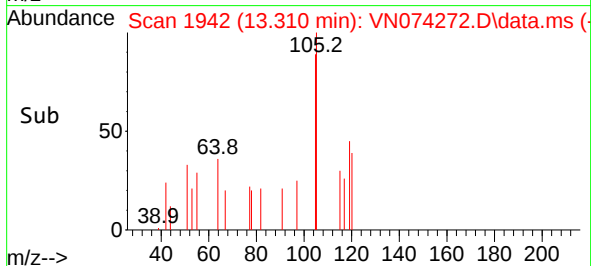
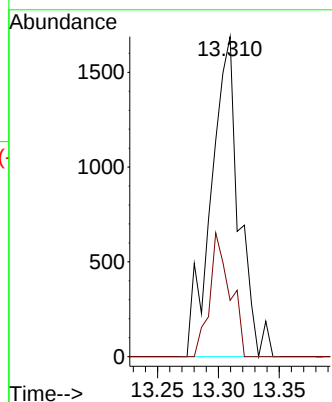
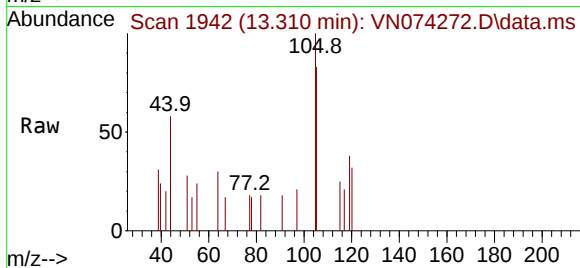
MW-24

Tgt Ion:105 Resp: 2677

Ion Ratio Lower Upper

105 100

120 28.5 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.763 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN074272.D

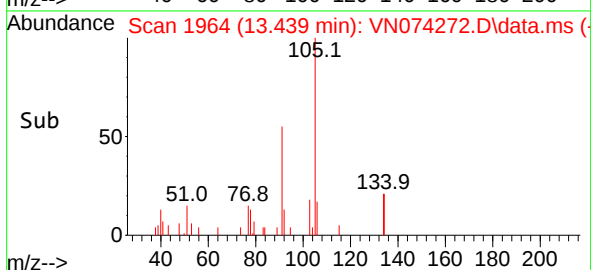
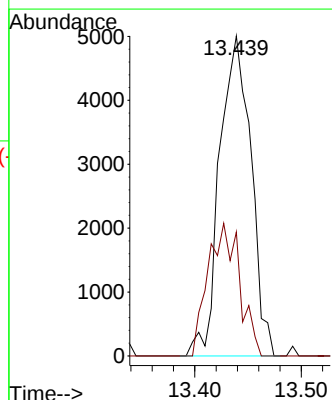
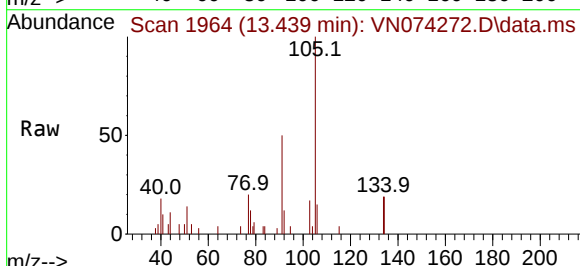
Acq: 02 Sep 2022 04:08

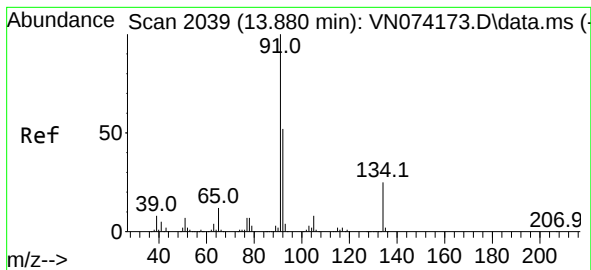
Tgt Ion:105 Resp: 10220

Ion Ratio Lower Upper

105 100

134 42.0 10.4 31.1#





#89

n-Butylbenzene

Concen: 1.996 ug/l

RT: 13.874 min Scan# 2038

Delta R.T. -0.006 min

Lab File: VN074272.D

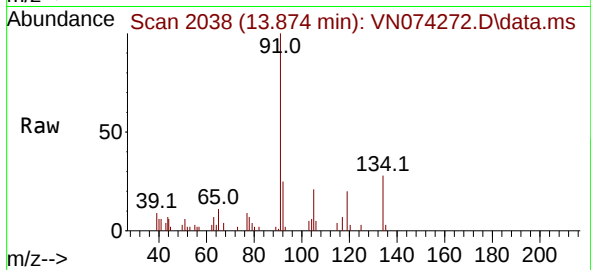
Acq: 02 Sep 2022 04:08

Instrument :

MSVOA_N

ClientSampleId :

MW-24



Tgt Ion: 91 Resp: 18121

Ion Ratio Lower Upper

91 100

92 35.5 26.9 80.7

134 0.0 13.6 40.8#

