

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074271.D
 Acq On : 02 Sep 2022 03:43
 Operator : JC\MD
 Sample : N4354-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Quant Time: Sep 02 05:45:15 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)

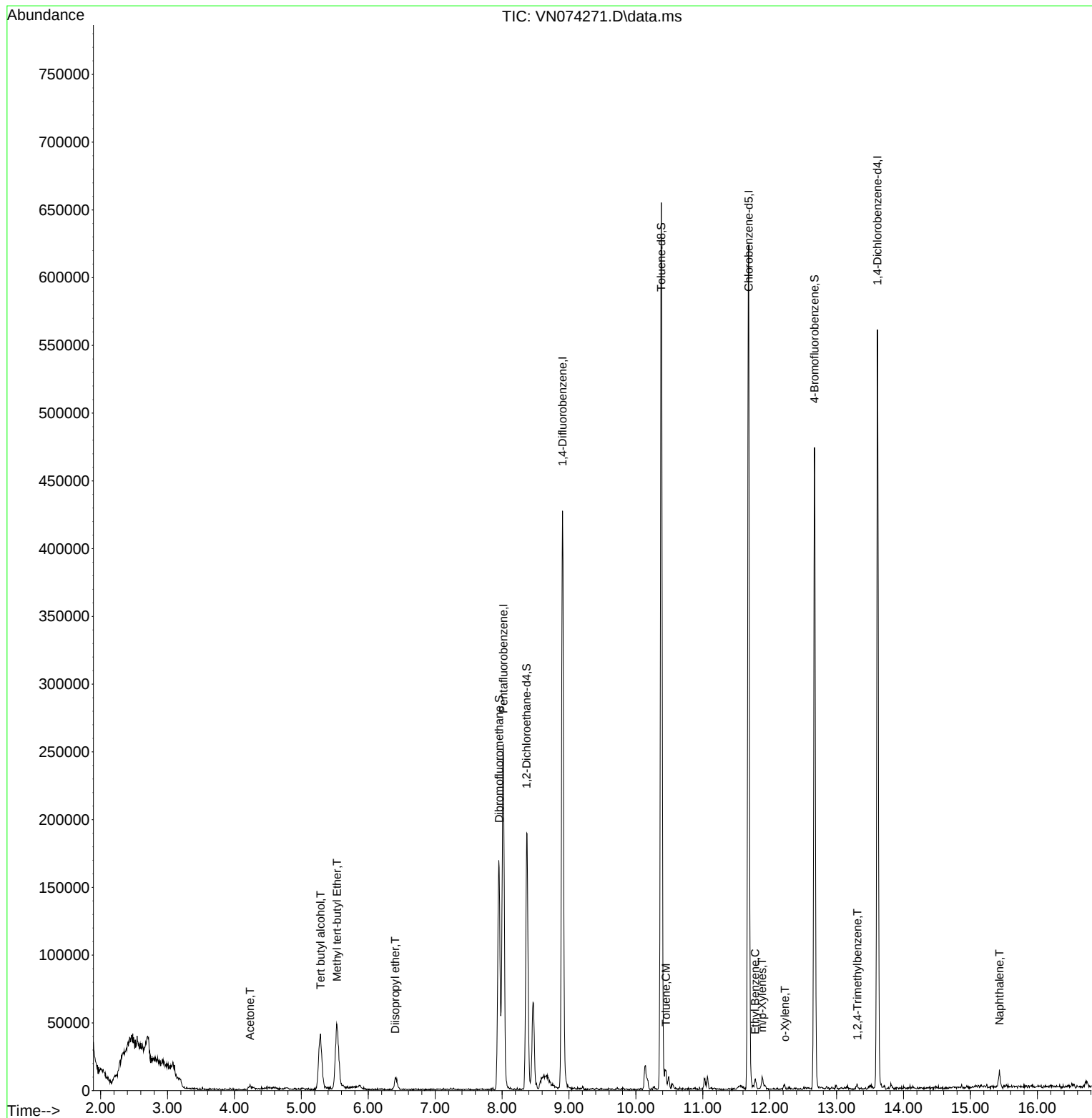
Internal Standards						
1) Pentafluorobenzene	8.022	168	192486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	354939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	329415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	135671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	143220	47.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.920%
35) Dibromofluoromethane	7.957	113	118801	51.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.880%
50) Toluene-d8	10.380	98	426211	46.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.668	95	144131	52.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.286	59	68116	96.690	ug/l	96
16) Acetone	4.234	43	4324	2.167	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	71134	8.521	ug/l	99
22) Diisopropyl ether	6.404	45	11010	1.074	ug/l #	91
52) Toluene	10.451	92	5612	0.809	ug/l	83
67) Ethyl Benzene	11.780	91	4054	0.305	ug/l #	73
68) m/p-Xylenes	11.886	106	2516	0.509	ug/l	92
69) o-Xylene	12.227	106	1239	0.252	ug/l	70
84) 1,2,4-Trimethylbenzene	13.310	105	2358	0.259	ug/l	83
95) Naphthalene	15.433	128	9483	2.051	ug/l #	93

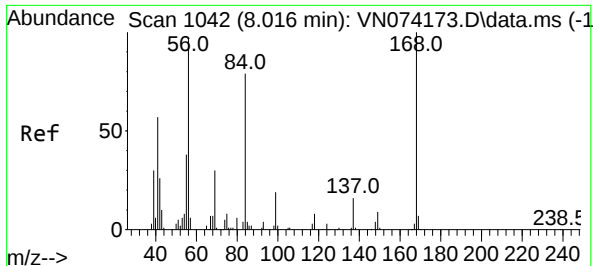
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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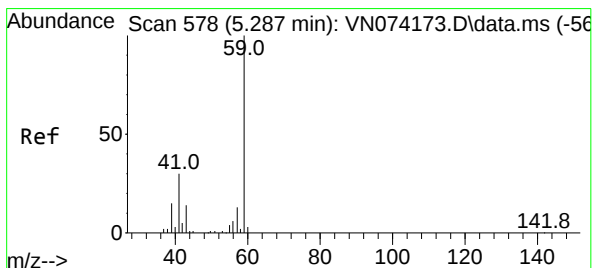
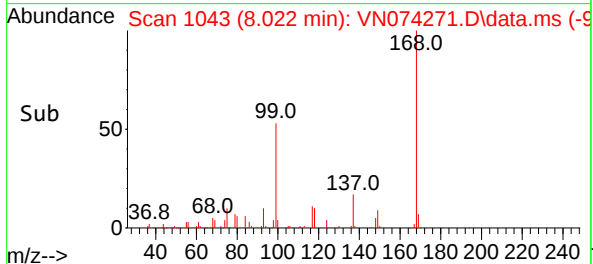
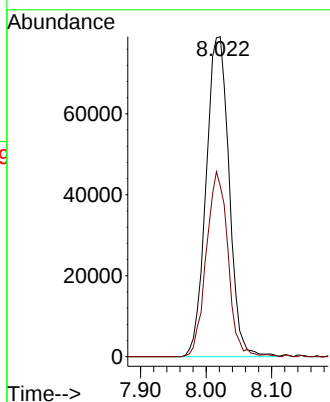
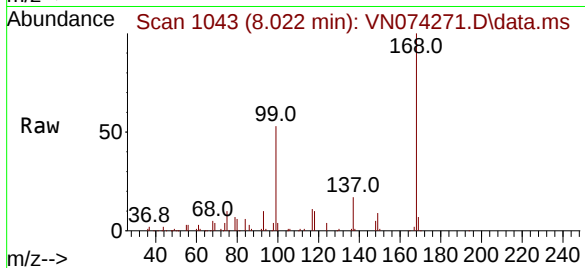




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

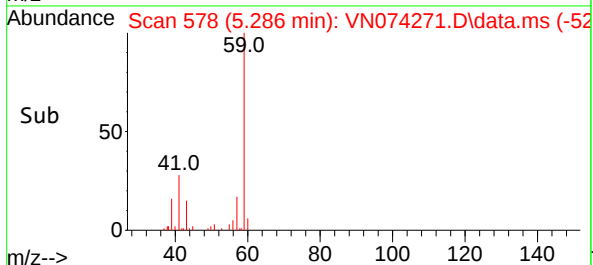
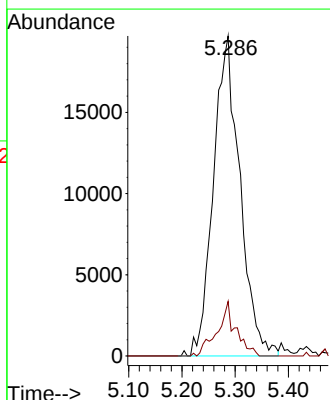
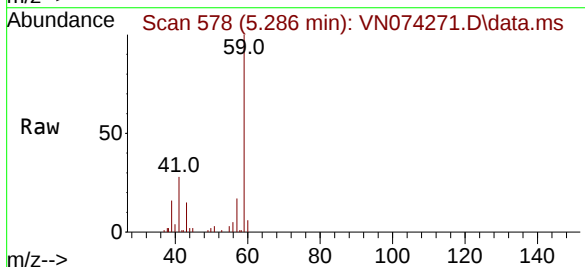
Instrument :
MSVOA_N
ClientSampleId :
MW-26

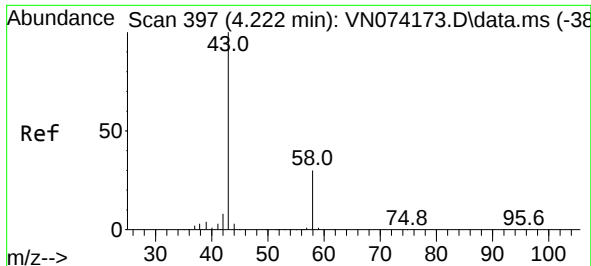
Tgt Ion:168 Resp: 192486
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 96.690 ug/l
RT: 5.286 min Scan# 578
Delta R.T. -0.001 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

Tgt Ion: 59 Resp: 68116
Ion Ratio Lower Upper
59 100
57 12.0 8.3 12.5

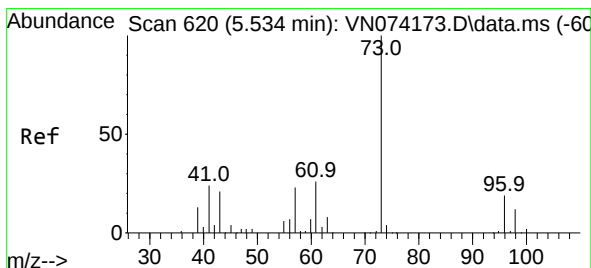
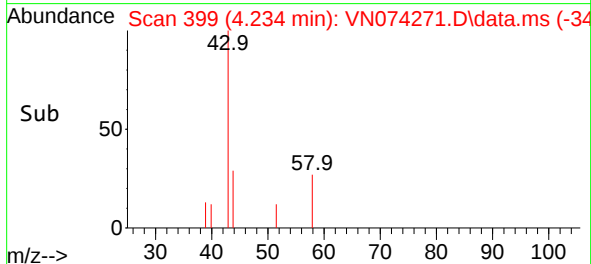
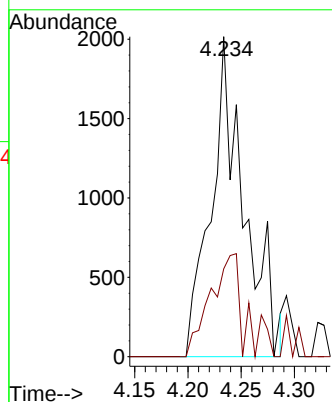
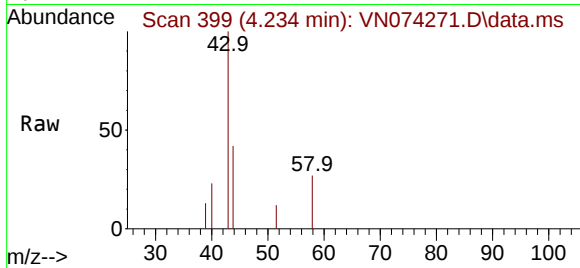




#16
Acetone
Concen: 2.167 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

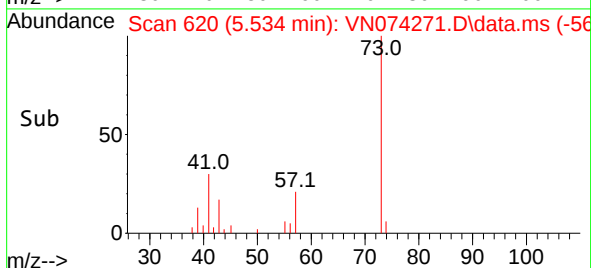
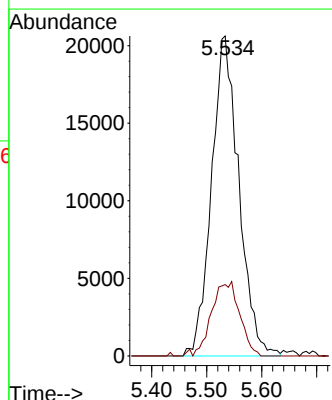
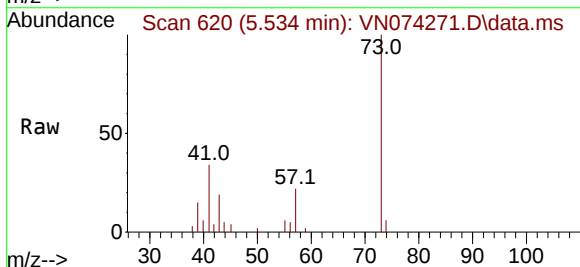
Instrument :
MSVOA_N
ClientSampleId :
MW-26

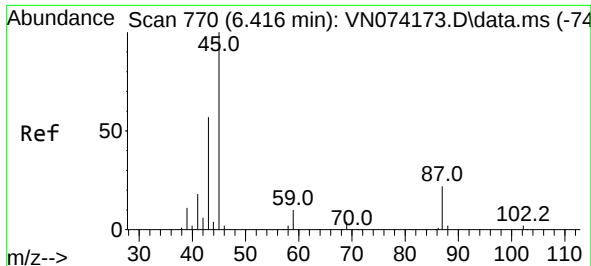
Tgt Ion: 43 Resp: 4324
Ion Ratio Lower Upper
43 100
58 27.5 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 8.521 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.000 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

Tgt Ion: 73 Resp: 71134
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

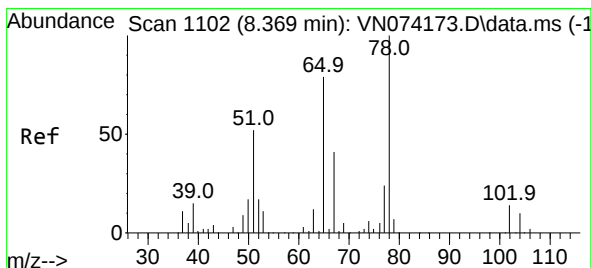
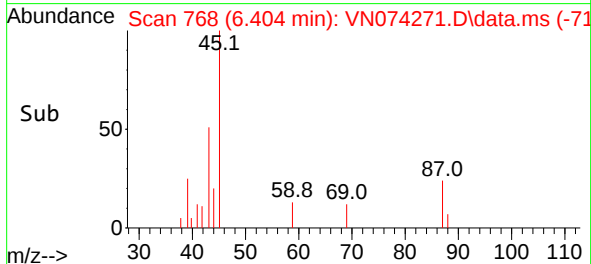
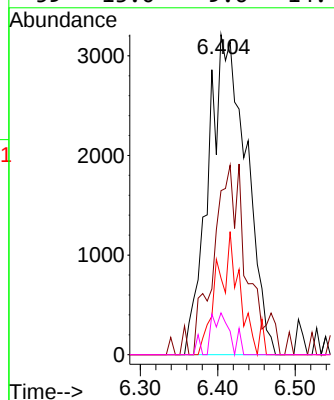
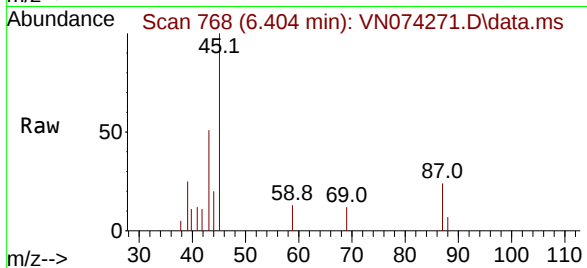




#22
Diisopropyl ether
Concen: 1.074 ug/l
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

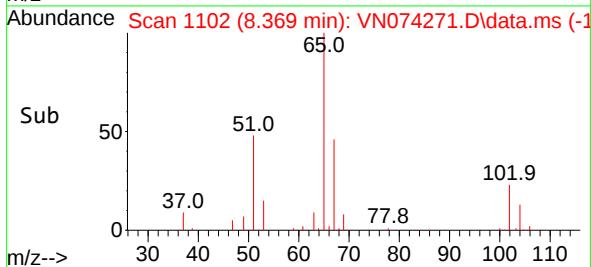
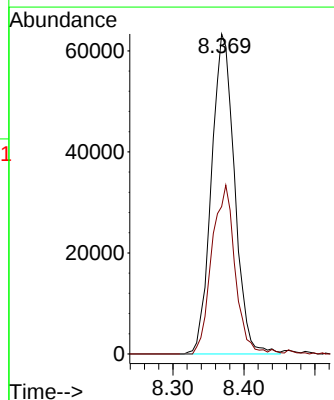
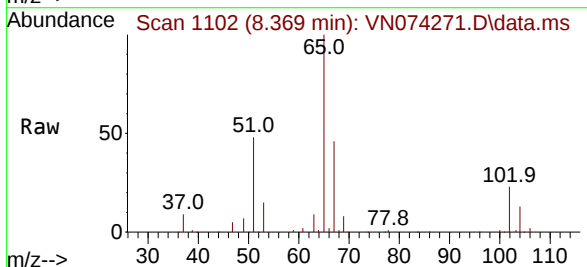
Instrument :
MSVOA_N
ClientSampleId :
MW-26

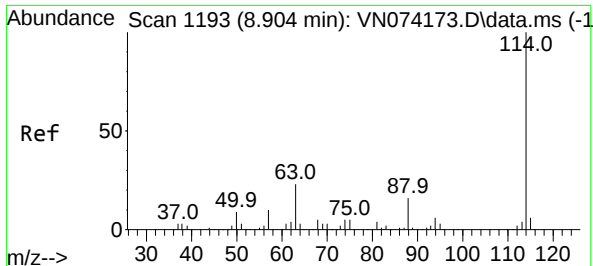
Tgt Ion:	45	Resp:	11010
Ion Ratio	Lower	Upper	
45	100		
43	51.2	46.6	70.0
87	24.0	24.3	36.5#
59	13.0	9.6	14.4



#33
1,2-Dichloroethane-d4
Concen: 47.965 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

Tgt Ion:	65	Resp:	143220
Ion Ratio	Lower	Upper	
65	100		
67	52.7	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: VN074271.D

Acq: 02 Sep 2022 03:43

Instrument :

MSVOA_N

ClientSampleId :

MW-26

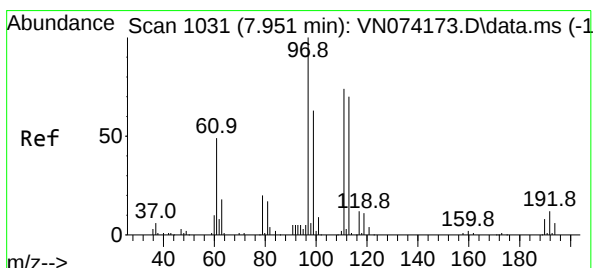
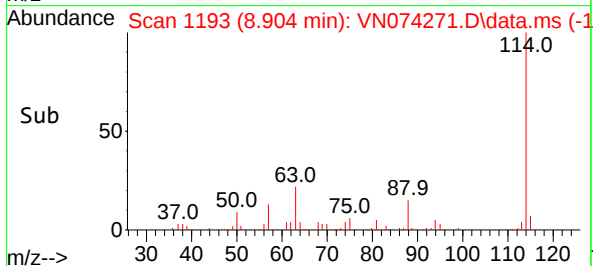
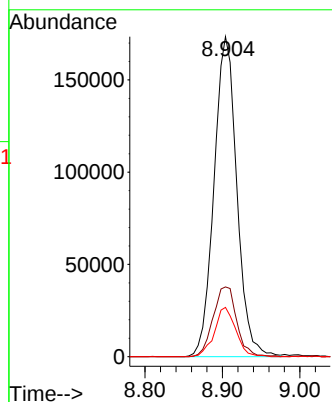
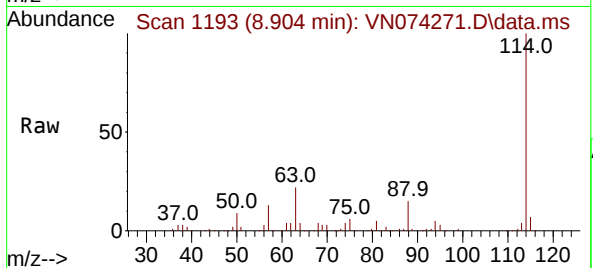
Tgt Ion:114 Resp: 354939

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.437 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074271.D

Acq: 02 Sep 2022 03:43

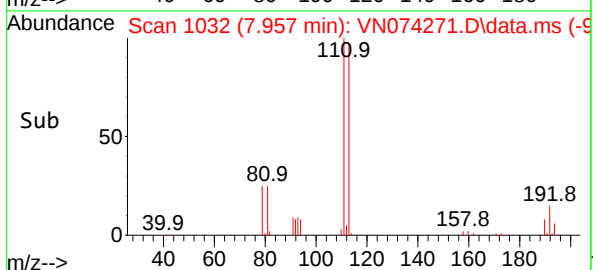
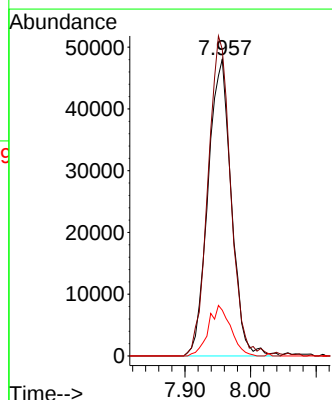
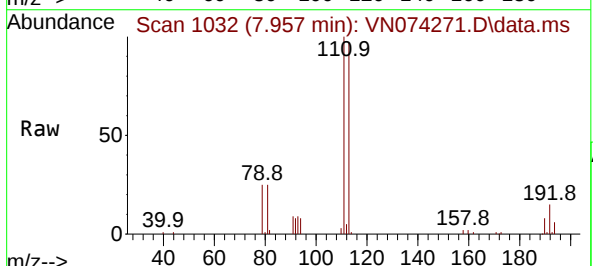
Tgt Ion:113 Resp: 118801

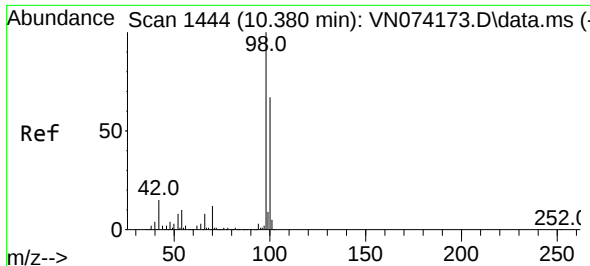
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 16.2 17.0 25.6#

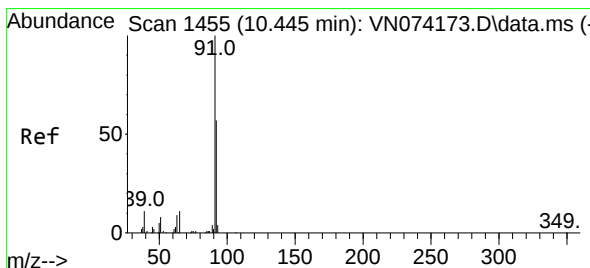
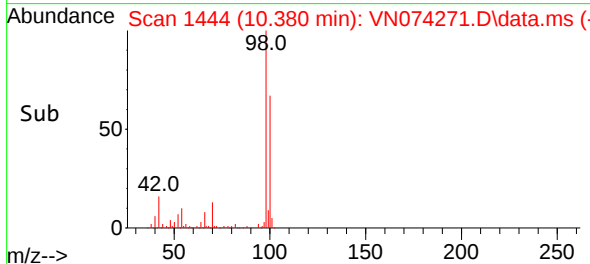
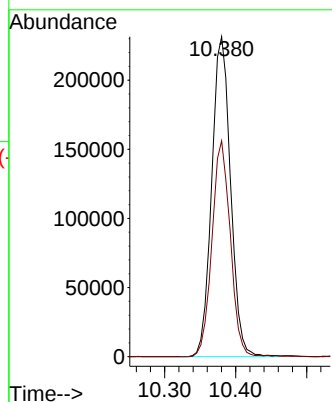
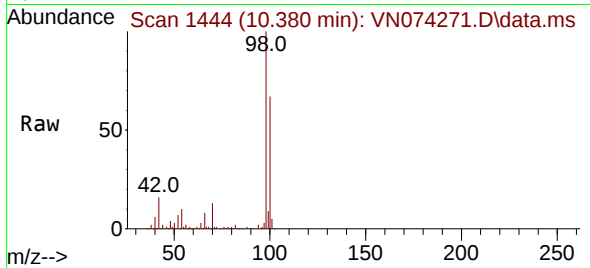




#50
Toluene-d8
Concen: 46.858 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

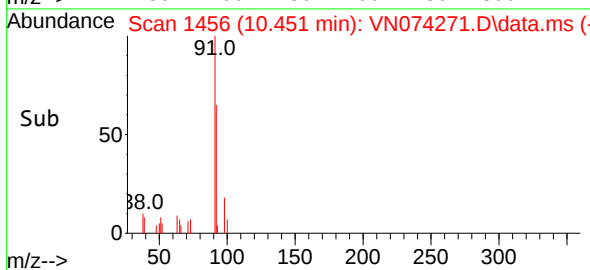
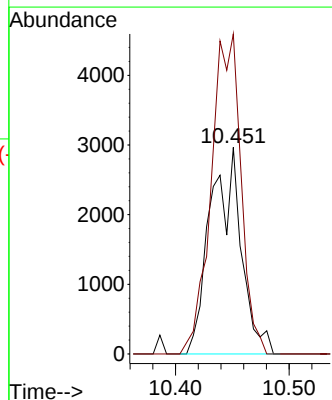
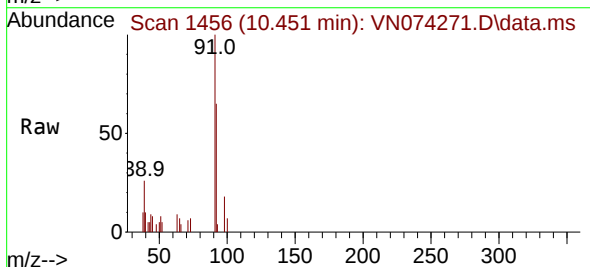
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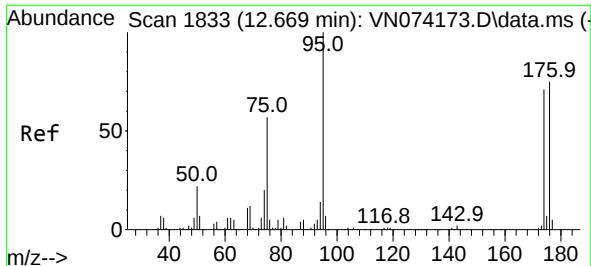
Tgt Ion: 98 Resp: 426211
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 0.809 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

Tgt Ion: 92 Resp: 5612
Ion Ratio Lower Upper
92 100
91 149.2 138.6 207.8





#62

4-Bromofluorobenzene

Concen: 52.107 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN074271.D

Acq: 02 Sep 2022 03:43

Instrument :

MSVOA_N

ClientSampleId :

MW-26

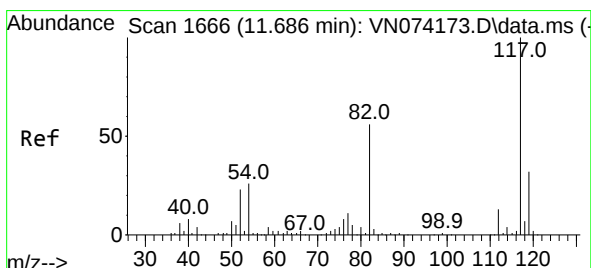
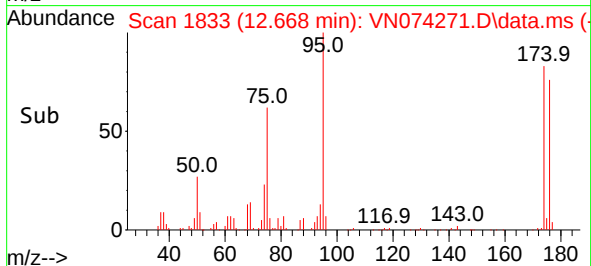
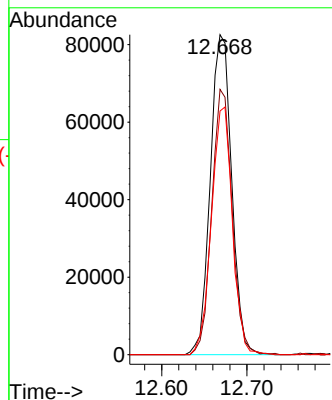
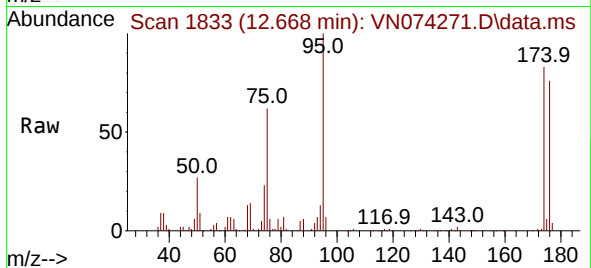
Tgt Ion: 95 Resp: 144131

Ion Ratio Lower Upper

95 100

174 79.2 0.0 167.6

176 75.8 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: VN074271.D

Acq: 02 Sep 2022 03:43

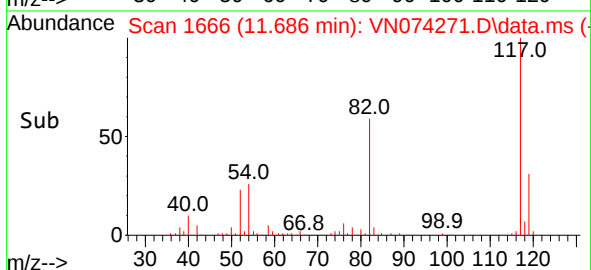
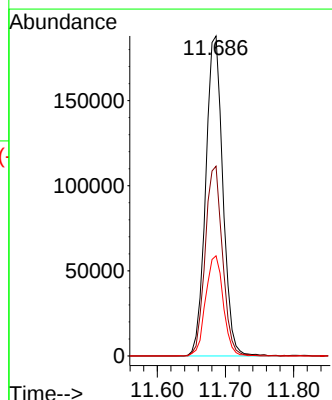
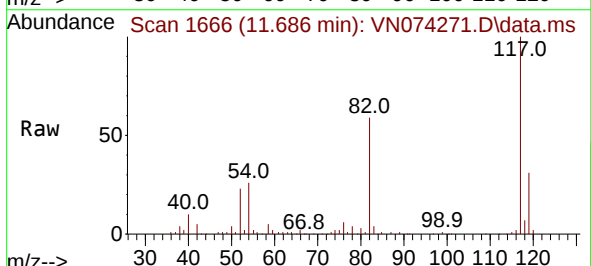
Tgt Ion: 117 Resp: 329415

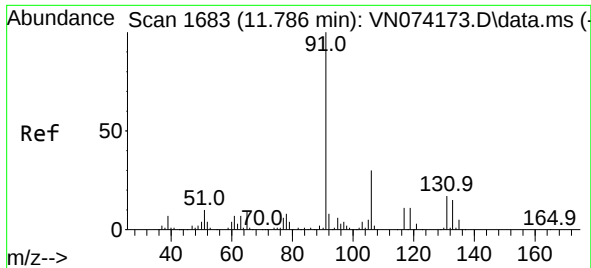
Ion Ratio Lower Upper

117 100

82 59.3 44.2 66.2

119 31.3 25.4 38.0

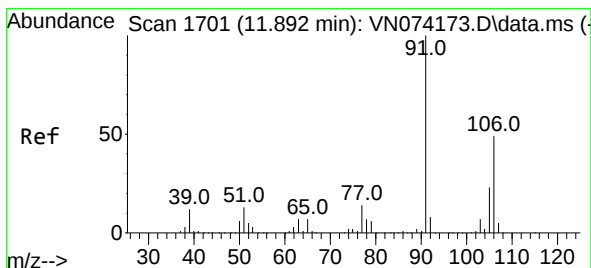
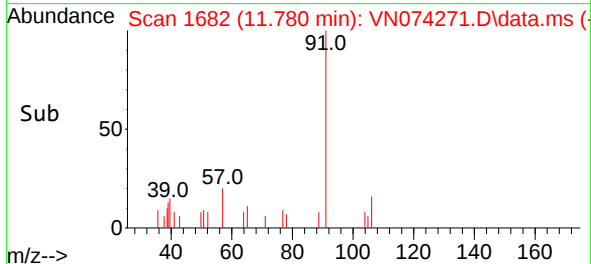
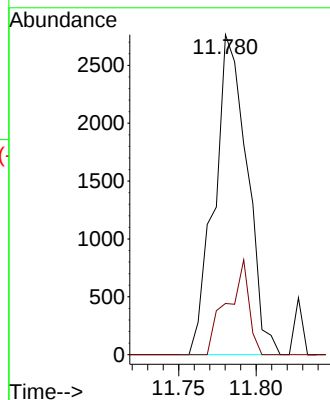
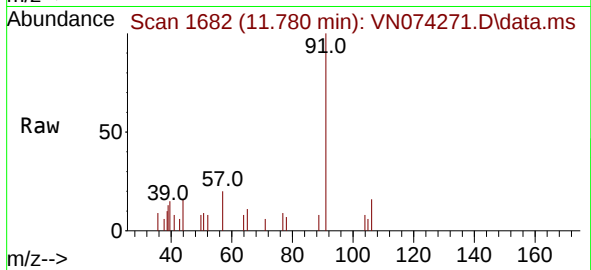




#67
Ethyl Benzene
Concen: 0.305 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

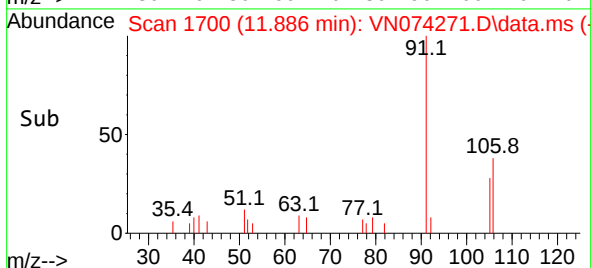
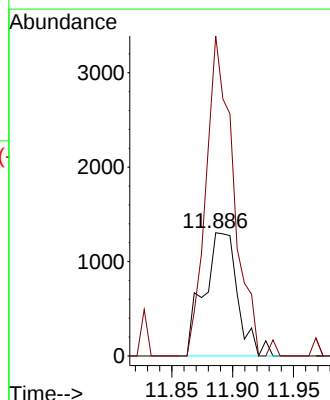
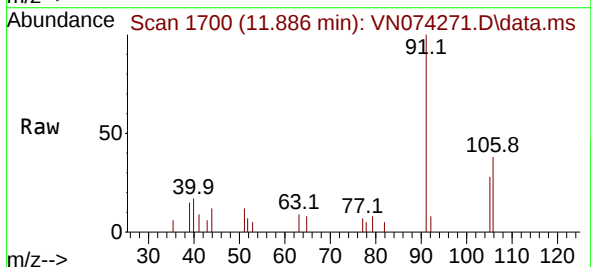
Instrument :
MSVOA_N
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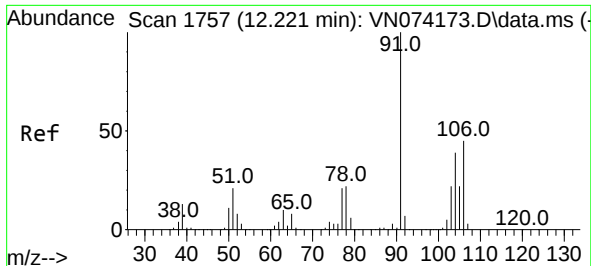
Tgt Ion: 91 Resp: 4054
Ion Ratio Lower Upper
91 100
106 16.0 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.509 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

Tgt Ion: 106 Resp: 2516
Ion Ratio Lower Upper
106 100
91 211.0 158.9 238.3





#69

o-Xylene

Concen: 0.252 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074271.D

Acq: 02 Sep 2022 03:43

Instrument :

MSVOA_N

ClientSampleId :

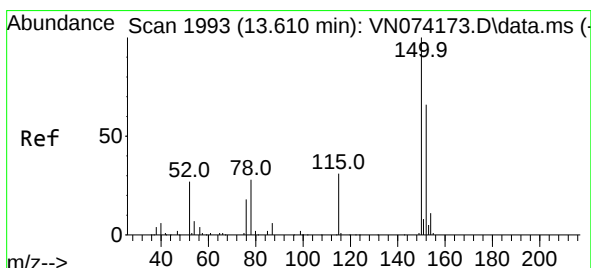
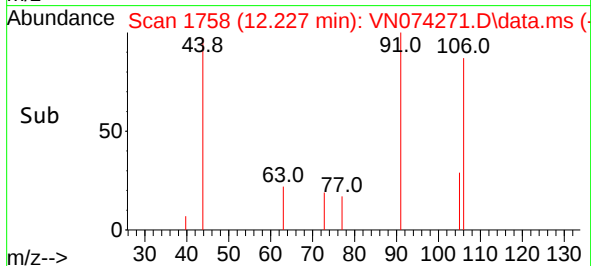
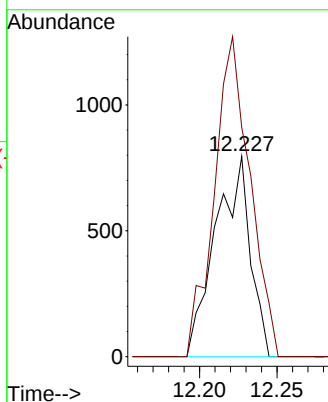
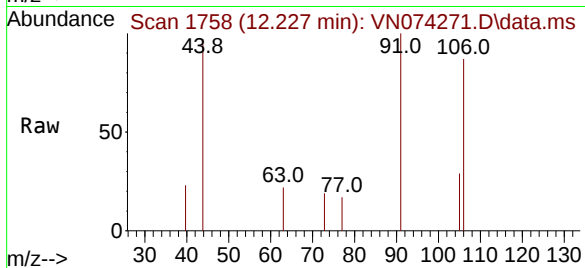
MW-26

Tgt Ion:106 Resp: 1239

Ion Ratio Lower Upper

106 100

91 164.6 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.609 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VN074271.D

Acq: 02 Sep 2022 03:43

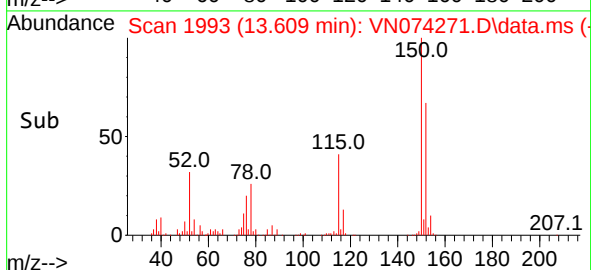
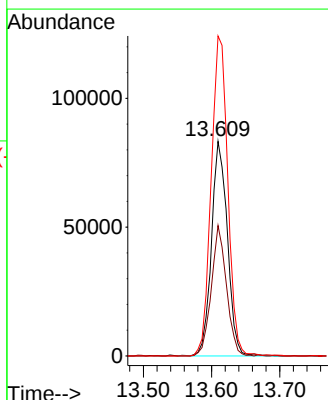
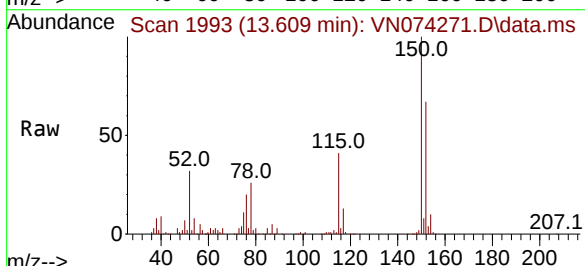
Tgt Ion:152 Resp: 135671

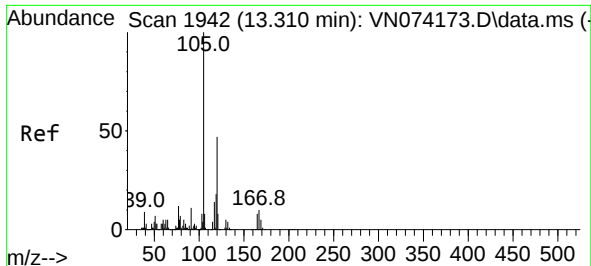
Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 155.4 0.0 356.2

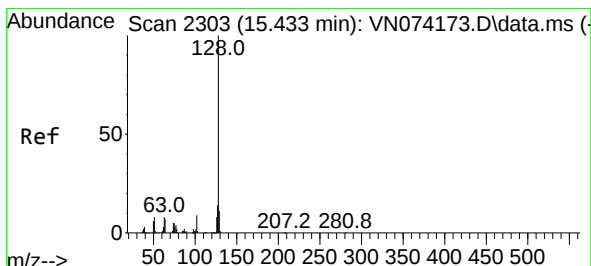
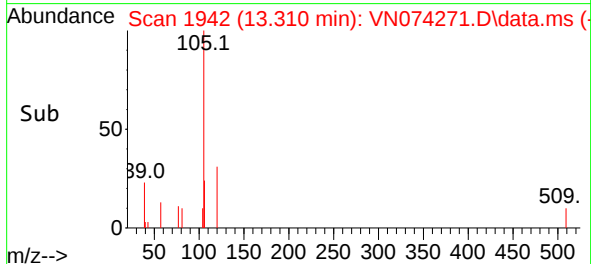
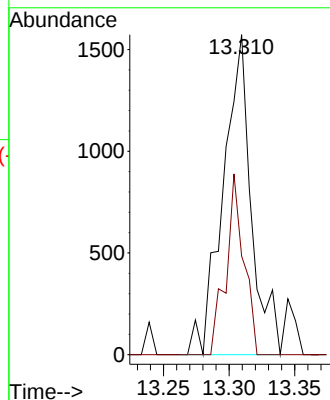
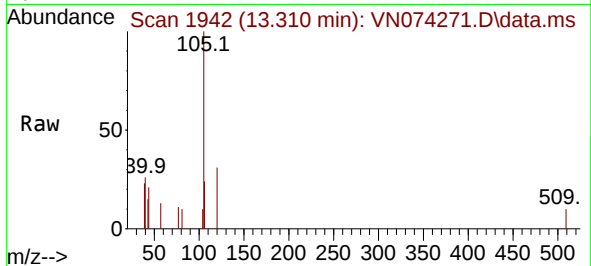




#84
1,2,4-Trimethylbenzene
Concen: 0.259 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

Instrument :
MSVOA_N
ClientSampleId :
MW-26

Tgt Ion:105 Resp: 2358
Ion Ratio Lower Upper
105 100
120 35.5 23.3 69.8



#95
Naphthalene
Concen: 2.051 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN074271.D
Acq: 02 Sep 2022 03:43

Tgt Ion:128 Resp: 9483
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 6.4 8.6 13.0#

