

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081889.D
 Acq On : 26 Apr 2024 19:42
 Operator : JC\MD
 Sample : P2264-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-042324

Quant Time: Apr 26 23:06:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

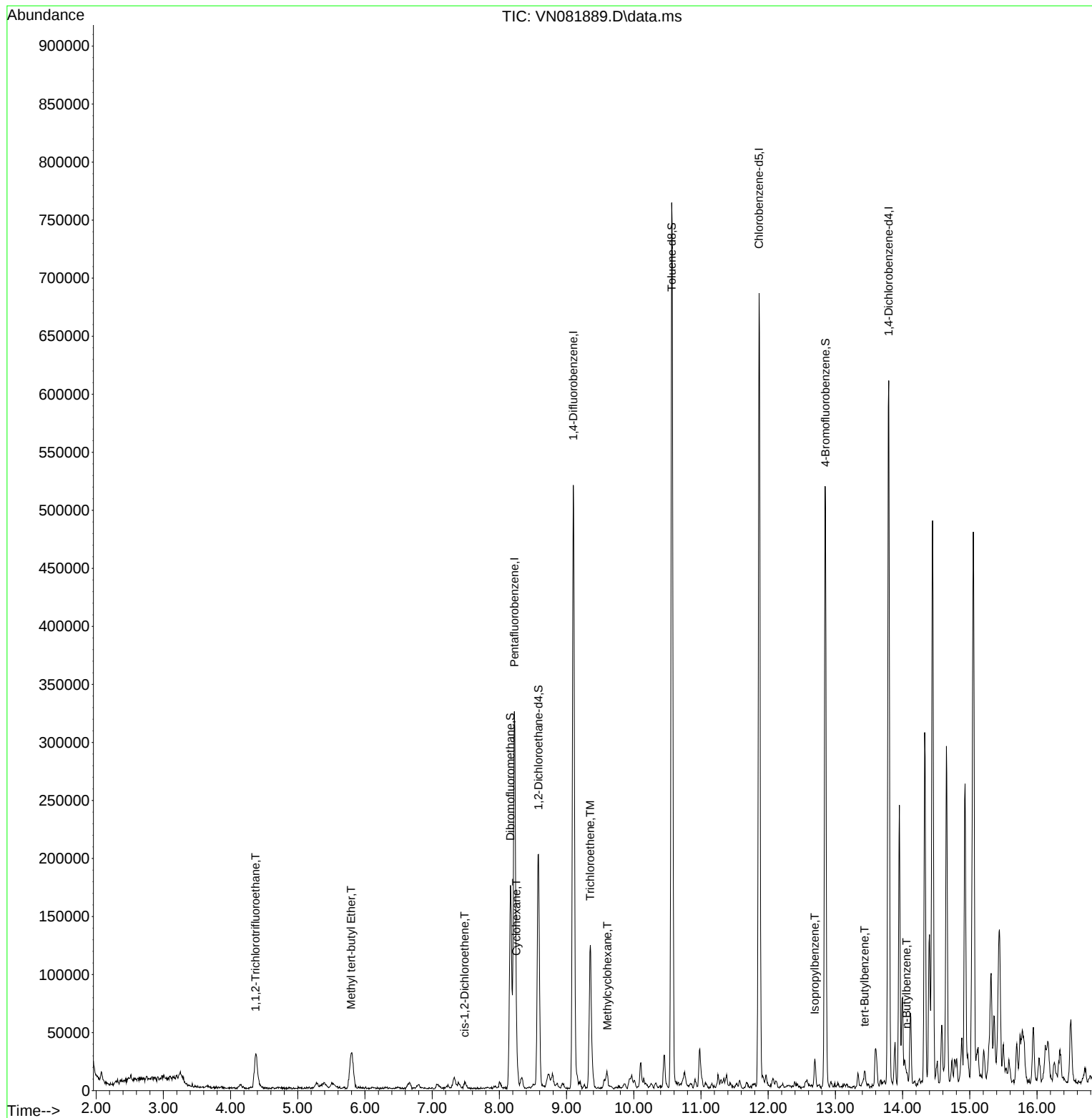
Internal Standards						
1) Pentafluorobenzene	8.224	168	229199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	427519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	378652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162975	42.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.260%		
35) Dibromofluoromethane	8.165	113	126710	49.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.460%		
50) Toluene-d8	10.565	98	525405	51.972	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.940%		
62) 4-Bromofluorobenzene	12.853	95	187243	46.854	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.700%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.371	101	20326	7.449	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	41935	4.003	ug/l #	71
27) cis-1,2-Dichloroethene	7.483	96	2967	0.839	ug/l	90
31) Cyclohexane	8.253	56	18643	3.199	ug/l #	78
39) Methylcyclohexane	9.606	83	5300	1.042	ug/l	90
44) Trichloroethene	9.353	130	41826	14.431	ug/l	100
73) Isopropylbenzene	12.694	105	15619	1.129	ug/l	97
83) tert-Butylbenzene	13.435	119	5590	0.573	ug/l	85
89) n-Butylbenzene	14.059	91	7514	0.732	ug/l #	74

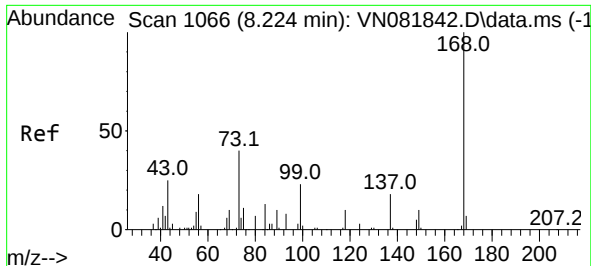
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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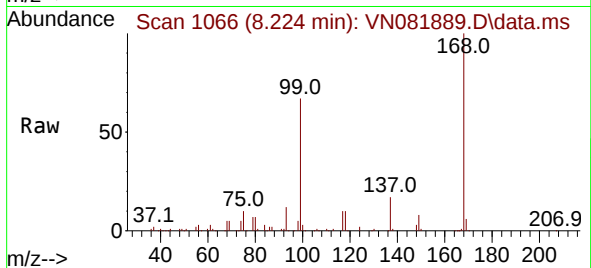
Quant Time: Apr 26 23:06:08 2024
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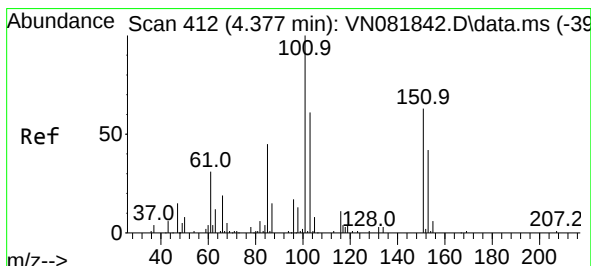
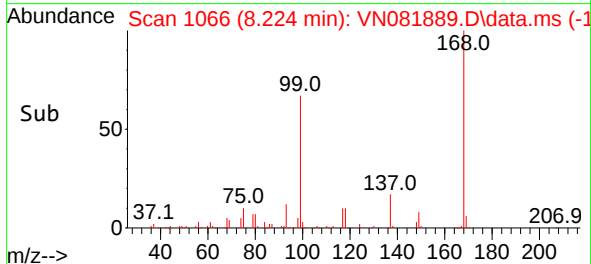
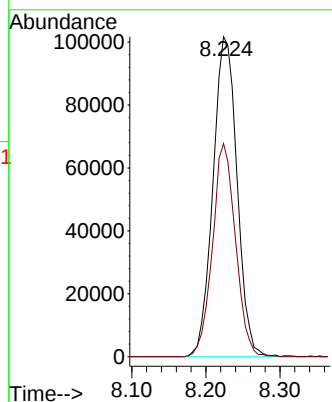


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-042324

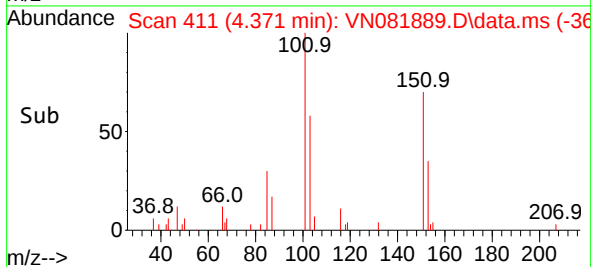
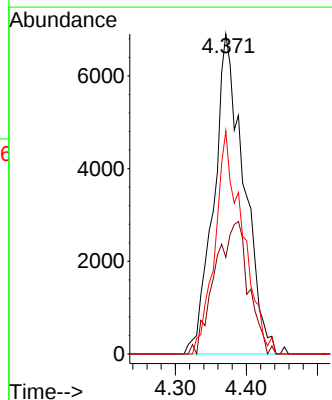
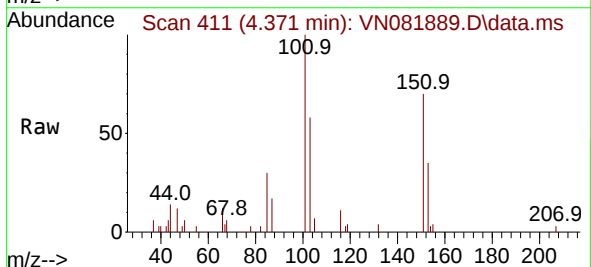


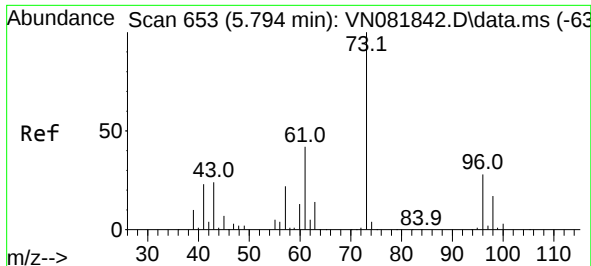
Tgt Ion:168 Resp: 229199
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.449 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

Tgt Ion:101 Resp: 20326
Ion Ratio Lower Upper
101 100
85 46.1 37.3 55.9
151 64.2 59.2 88.8

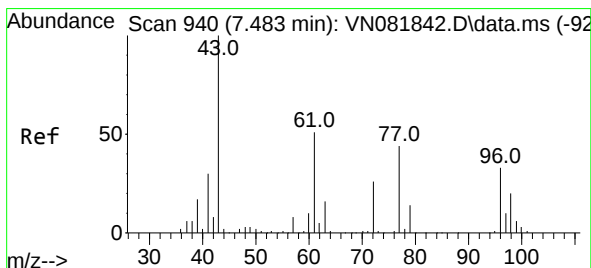
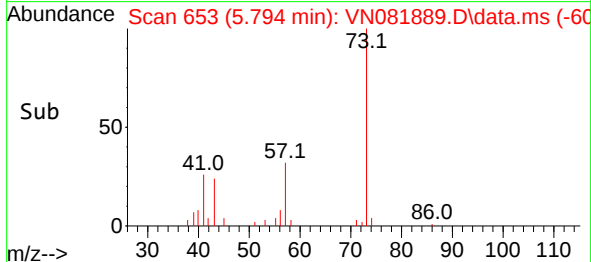
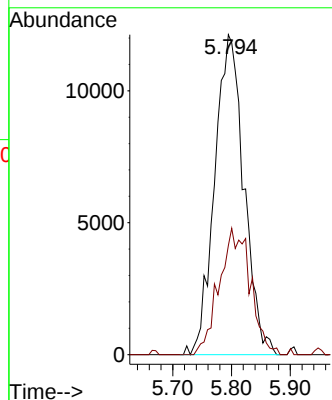
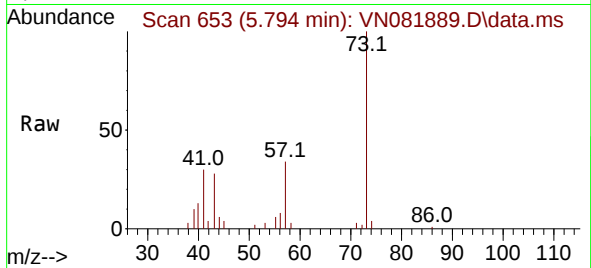




#19
Methyl tert-butyl Ether
Concen: 4.003 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

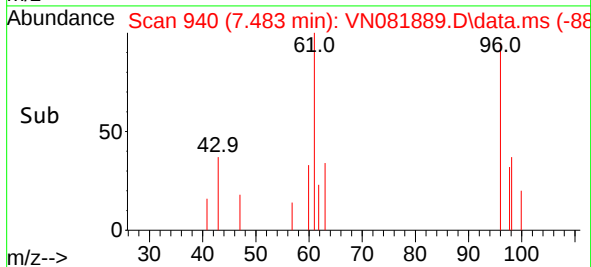
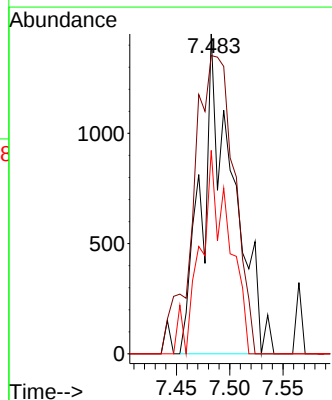
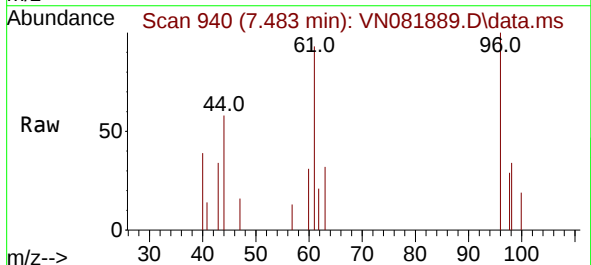
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-042324

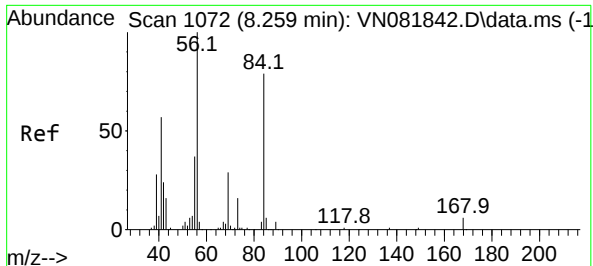
Tgt Ion: 73 Resp: 41935
Ion Ratio Lower Upper
73 100
57 34.1 16.5 24.7#



#27
cis-1,2-Dichloroethene
Concen: 0.839 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

Tgt Ion: 96 Resp: 2967
Ion Ratio Lower Upper
96 100
61 121.2 0.0 268.0
98 57.9 0.0 126.8

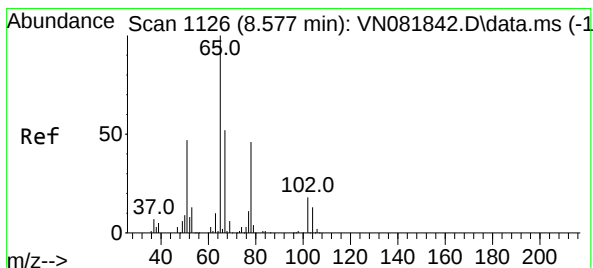
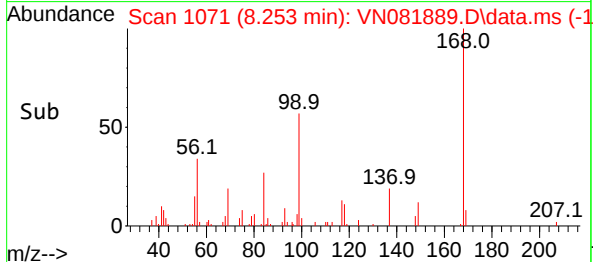
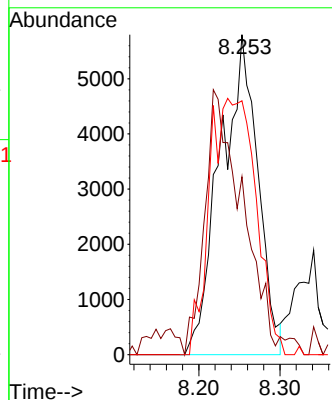
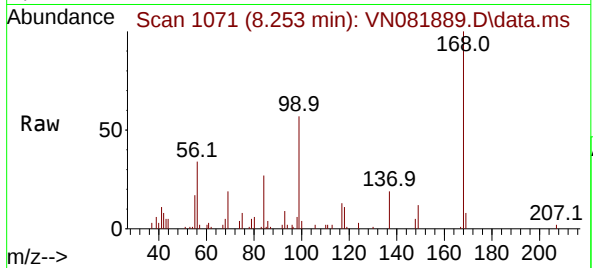




#31
Cyclohexane
Concen: 3.199 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

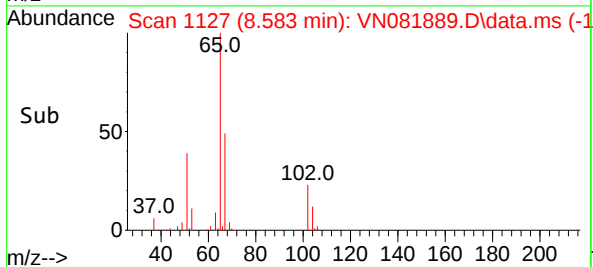
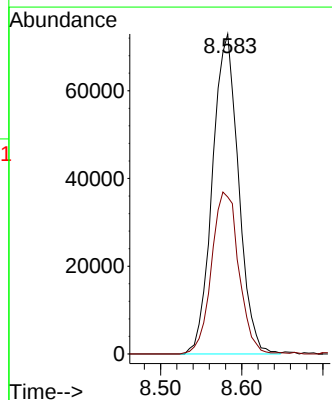
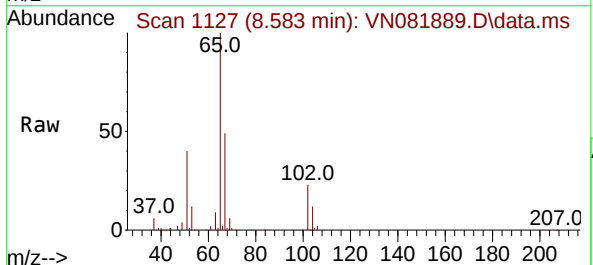
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-042324

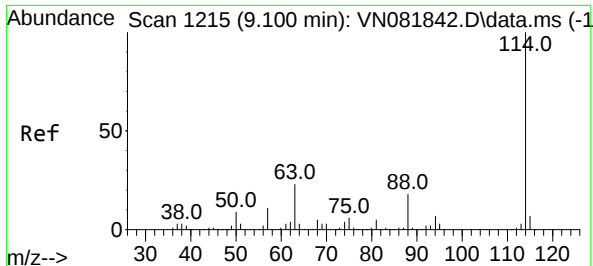
Tgt Ion: 56 Resp: 18643
Ion Ratio Lower Upper
56 100
69 50.3 24.4 36.6#
84 79.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 42.131 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

Tgt Ion: 65 Resp: 162975
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081889.D

Acq: 26 Apr 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-042324

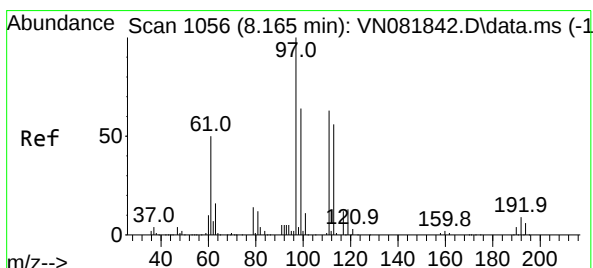
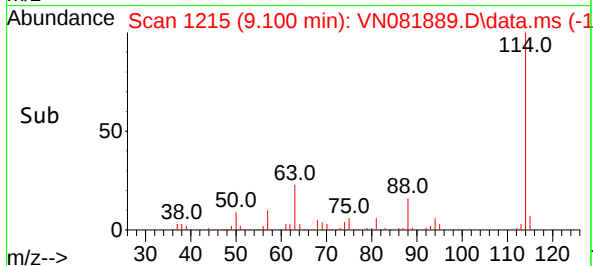
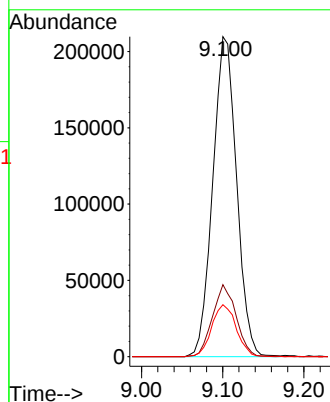
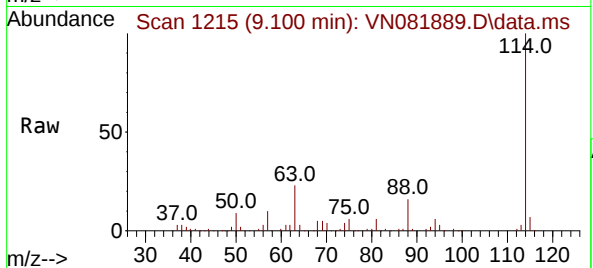
Tgt Ion:114 Resp: 427519

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.0

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.226 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081889.D

Acq: 26 Apr 2024 19:42

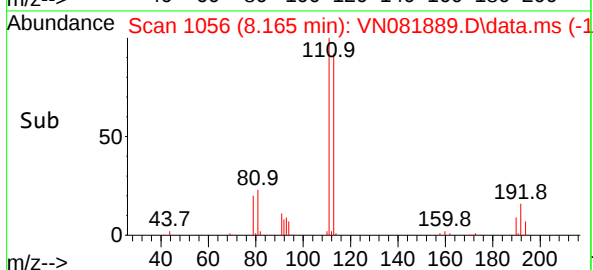
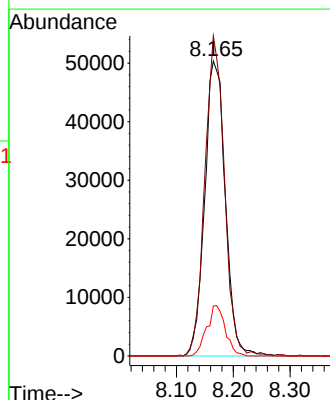
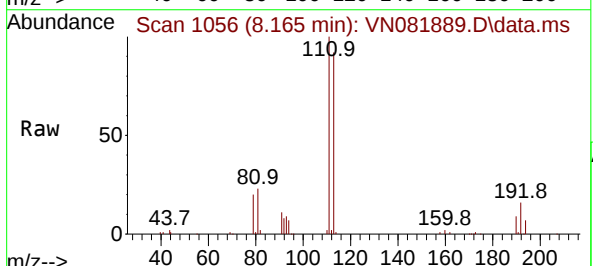
Tgt Ion:113 Resp: 126710

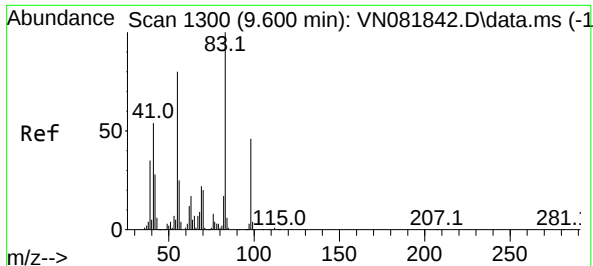
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 15.4 14.0 21.0





#39

Methylcyclohexane

Concen: 1.042 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081889.D

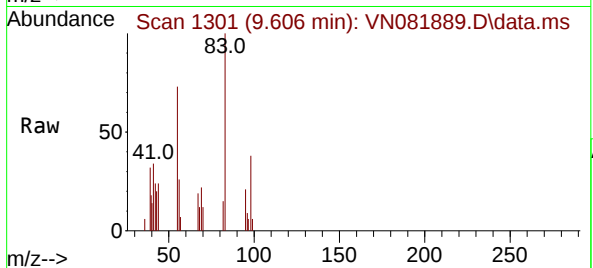
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Instrument :

MSVOA_N

ClientSampleId :

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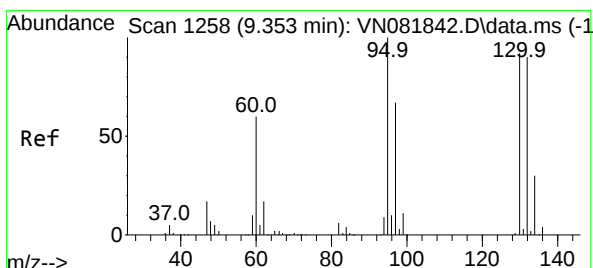
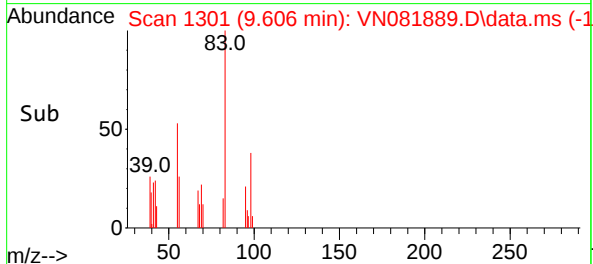
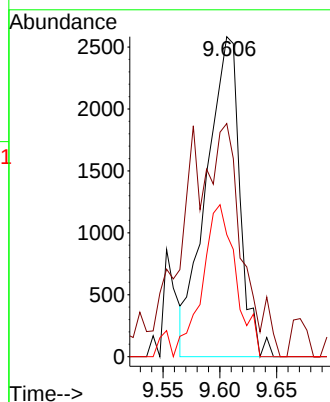
Tgt Ion: 83 Resp: 5300

Ion Ratio Lower Upper

83 100

55 72.9 53.0 79.6

98 38.1 37.1 55.7



#44

Trichloroethene

Concen: 14.431 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN081889.D

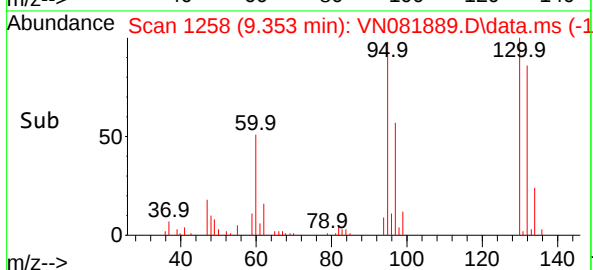
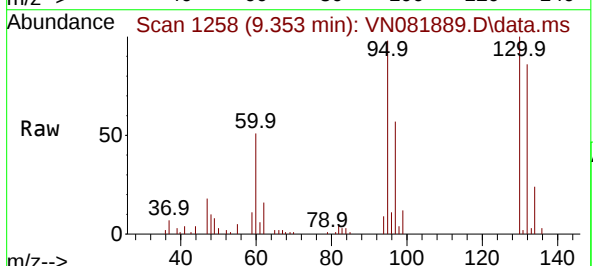
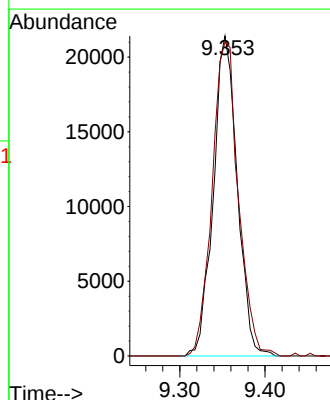
Acq: 26 Apr 2024 19:42

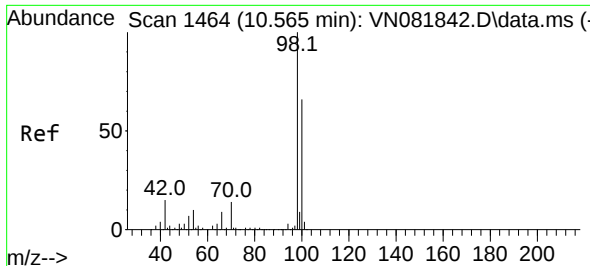
Tgt Ion:130 Resp: 41826

Ion Ratio Lower Upper

130 100

95 98.1 0.0 195.4

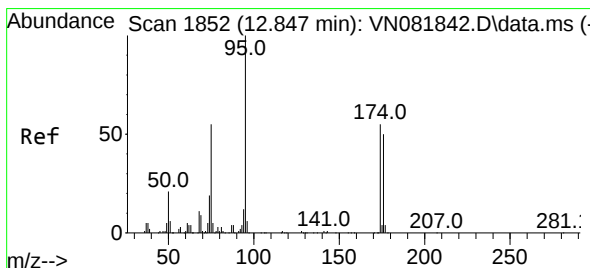
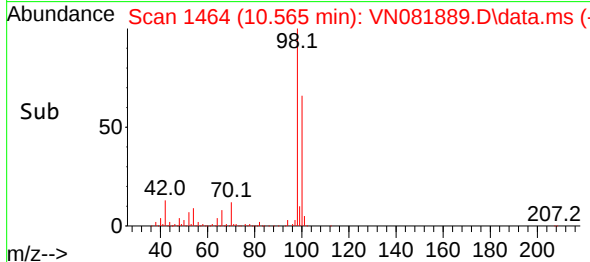
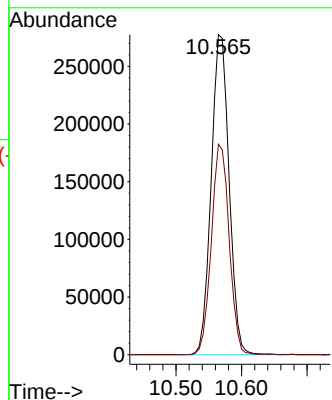
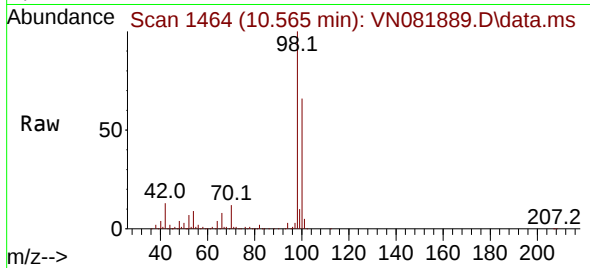




#50
Toluene-d8
Concen: 51.972 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

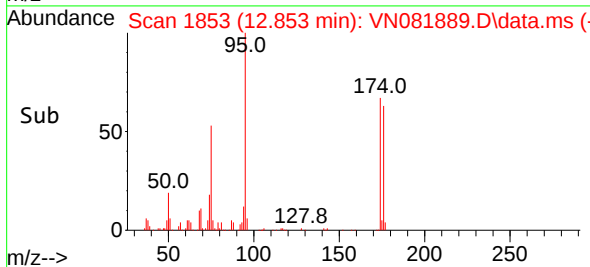
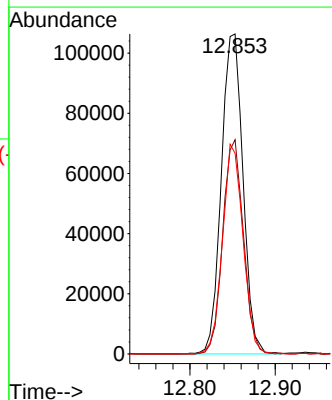
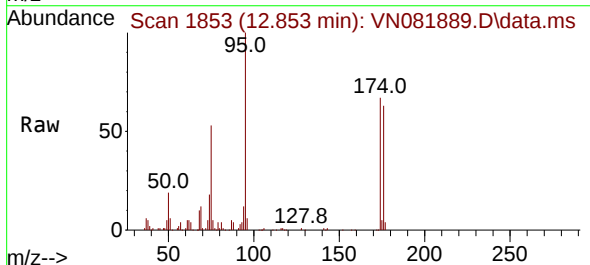
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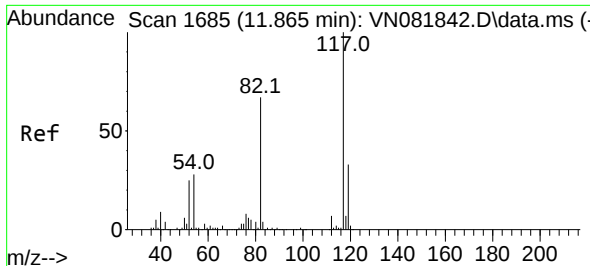
Tgt Ion: 98 Resp: 525405
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.854 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

Tgt Ion: 95 Resp: 187243
Ion Ratio Lower Upper
95 100
174 64.0 0.0 160.6
176 62.4 0.0 152.8

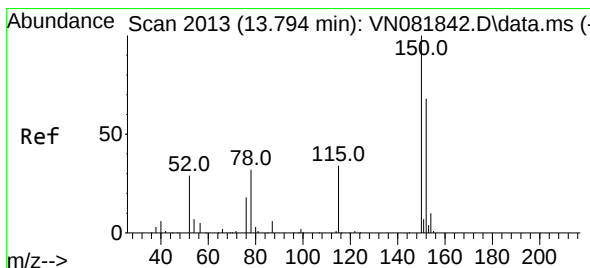
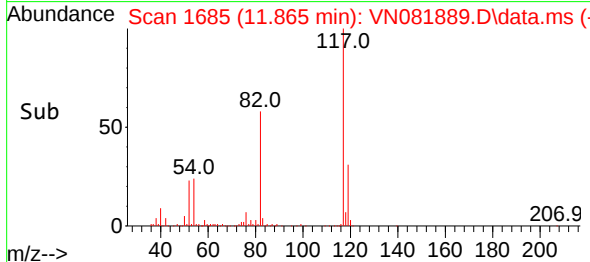
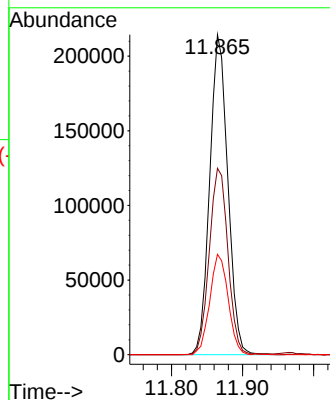
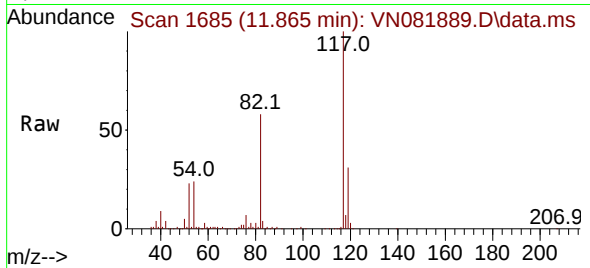




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

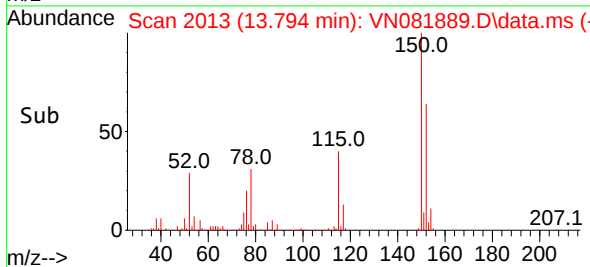
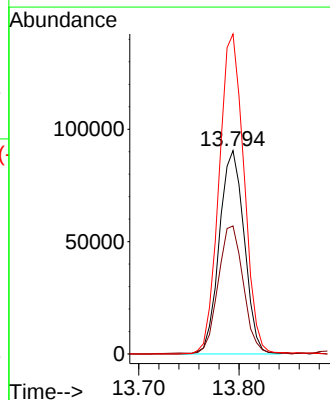
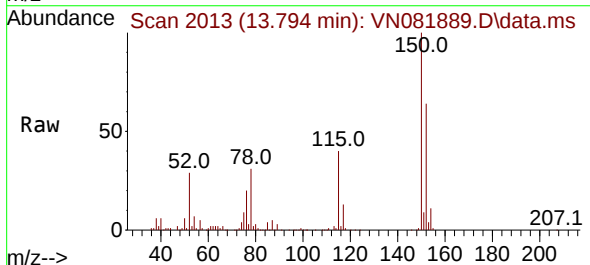
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-042324

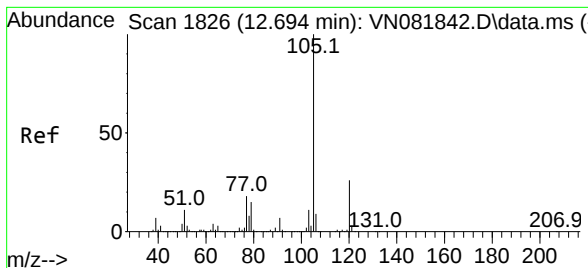
Tgt Ion:	117	Resp:	378652
Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	66.8
119	31.4	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081889.D
Acq: 26 Apr 2024 19:42

Tgt Ion:	152	Resp:	155631
Ion	Ratio	Lower	Upper
152	100		
115	64.3	30.4	91.3
150	158.5	0.0	353.2





#73

Isopropylbenzene

Concen: 1.129 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081889.D

Acq: 26 Apr 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

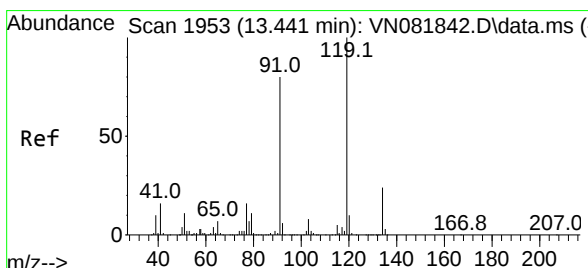
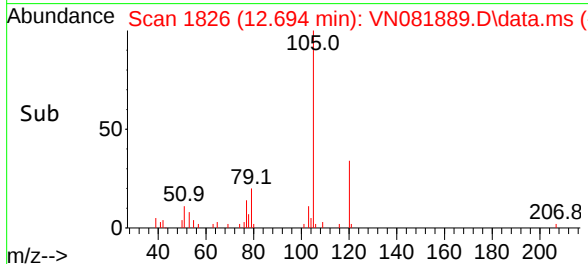
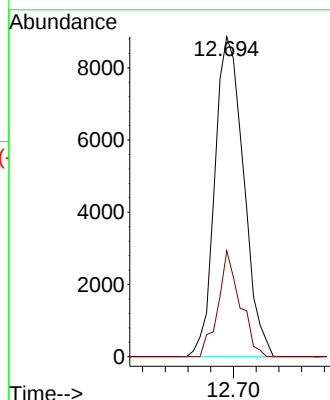
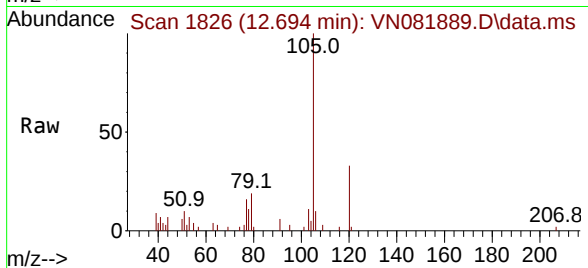
T11-MW-1-8.0-042324

Tgt Ion:105 Resp: 15619

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.1



#83

tert-Butylbenzene

Concen: 0.573 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN081889.D

Acq: 26 Apr 2024 19:42

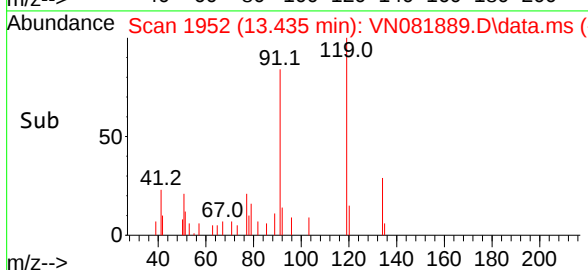
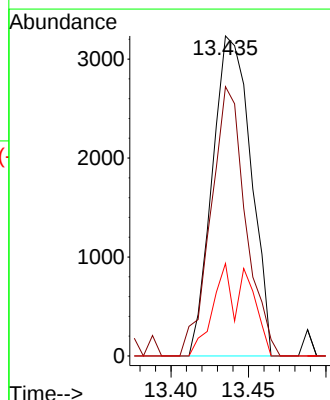
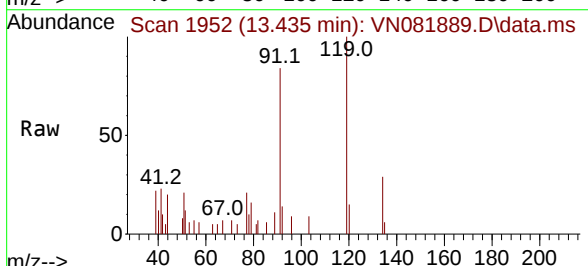
Tgt Ion:119 Resp: 5590

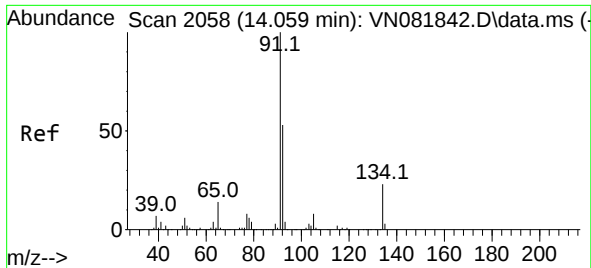
Ion Ratio Lower Upper

119 100

91 76.0 32.6 97.8

134 14.9 12.4 37.0





#89

n-Butylbenzene

Concen: 0.732 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081889.D

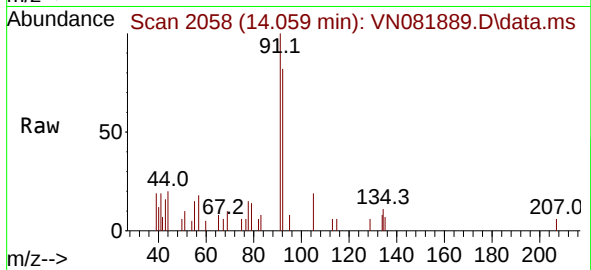
Acq: 26 Apr 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-042324



Tgt Ion:	91	Resp:	7514
Ion	Ratio	Lower	Upper
91	100		
92	43.0	26.2	78.5
134	0.0	13.2	39.5#

