

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073110.D
 Acq On : 25 Jun 2022 15:05
 Operator : JC\MD
 Sample : N3431-23
 Misc : 3.12g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-5-GR

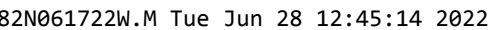
Quant Time: Jun 27 03:40:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.004	168	367267	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	579129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	551869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	327207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	202307	40.744	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.480%
35) Dibromofluoromethane	7.945	113	174749	48.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	10.374	98	665187	49.941	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.668	95	347284	72.509	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	145.020%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.775	43	13096	1.802	ug/l #	65
39) Methylcyclohexane	9.351	83	140800	24.117	ug/l #	18
40) Benzene	8.380	78	293694	19.294	ug/l	100
52) Toluene	10.439	92	89901	9.620	ug/l	96
67) Ethyl Benzene	11.780	91	107565	5.669	ug/l	99
68) m/p-Xylenes	11.892	106	135712	18.237	ug/l	96
73) Isopropylbenzene	12.515	105	246124	9.723	ug/l	99
78) n-propylbenzene	12.857	91	176165	6.327	ug/l	100
83) tert-Butylbenzene	13.257	119	43413	2.280	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.304	105	117008	5.650	ug/l	82
85) sec-Butylbenzene	13.439	105	316532	12.460	ug/l #	69
89) n-Butylbenzene	13.880	91	85772	5.107	ug/l	90

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

Quant Time: Jun 27 03:40:43 2022
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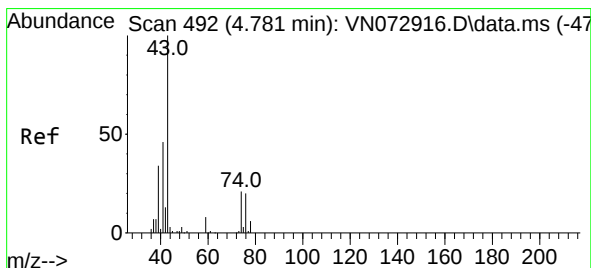
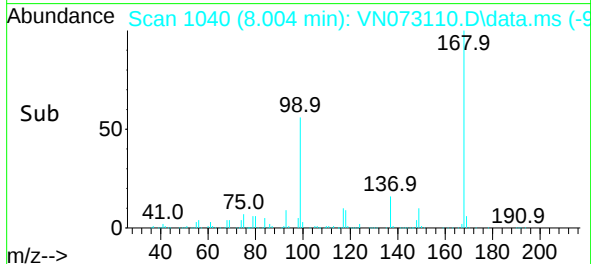
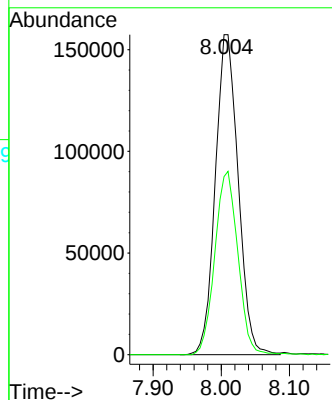
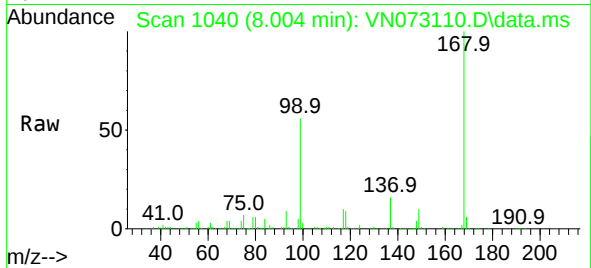




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

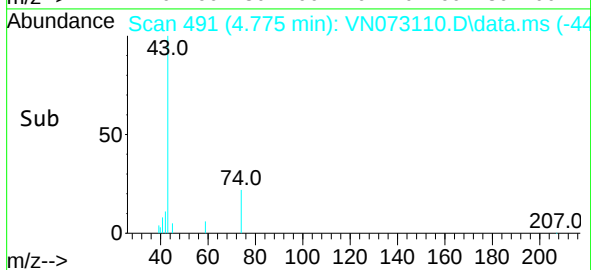
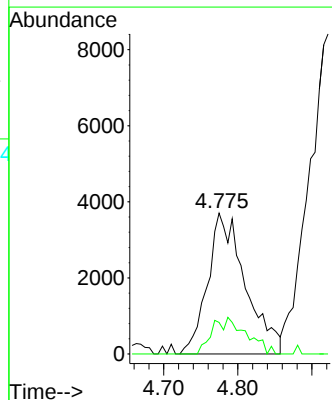
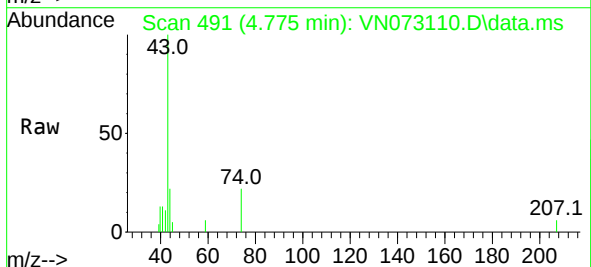
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

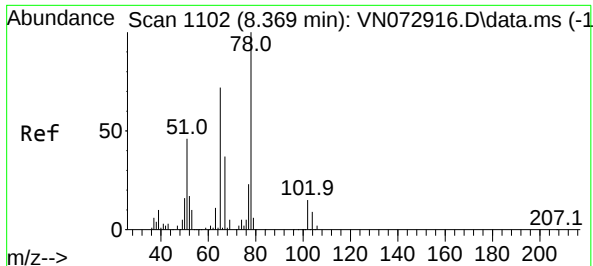
Tgt Ion:168 Resp: 367267
Ion Ratio Lower Upper
168 100
99 55.7 42.3 63.5



#18
Methyl Acetate
Concen: 1.802 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

Tgt Ion: 43 Resp: 13096
Ion Ratio Lower Upper
43 100
74 9.0 21.6 32.4#





#33

1,2-Dichloroethane-d4

Concen: 40.744 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073110.D

Acq: 25 Jun 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

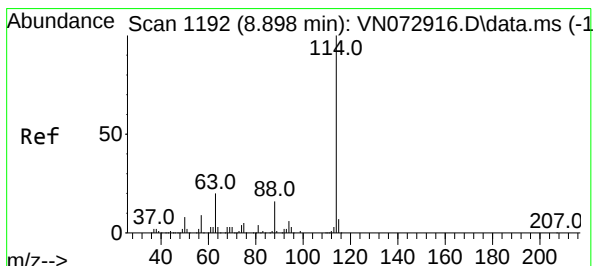
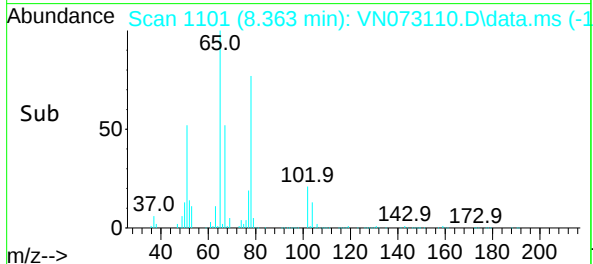
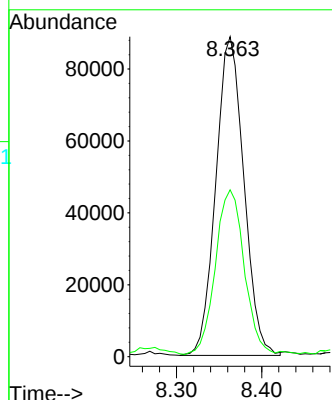
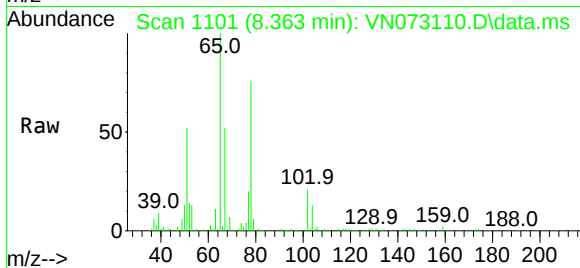
WC-14B-2-5-GR

Tgt Ion: 65 Resp: 202307

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VN073110.D

Acq: 25 Jun 2022 15:05

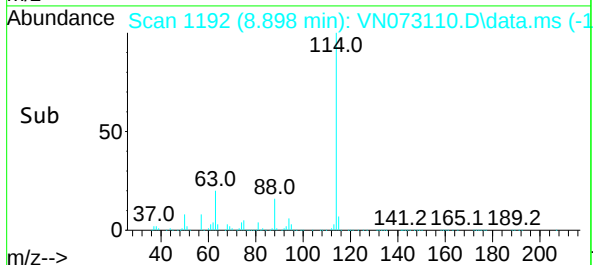
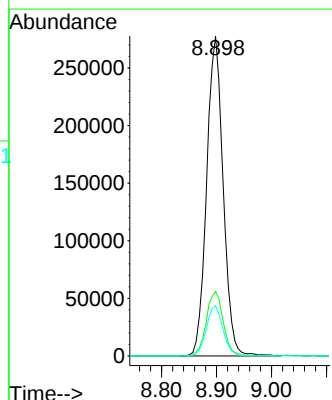
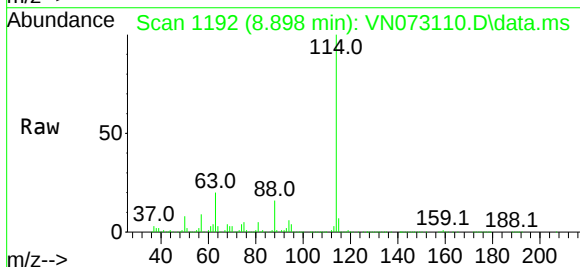
Tgt Ion: 114 Resp: 579129

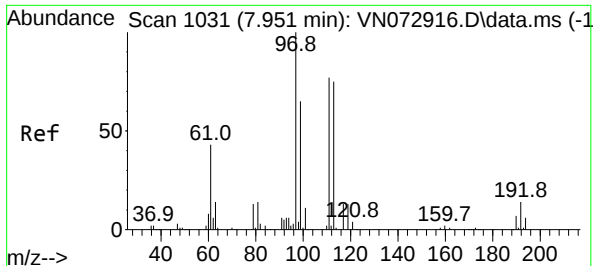
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.819 ug/l

RT: 7.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073110.D

Acq: 25 Jun 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-5-GR

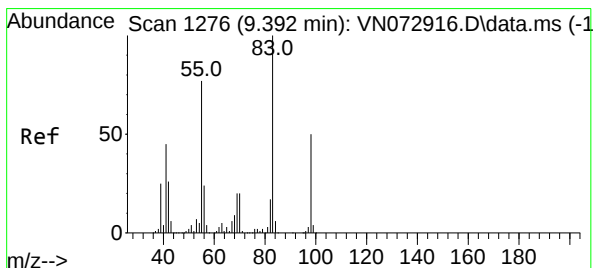
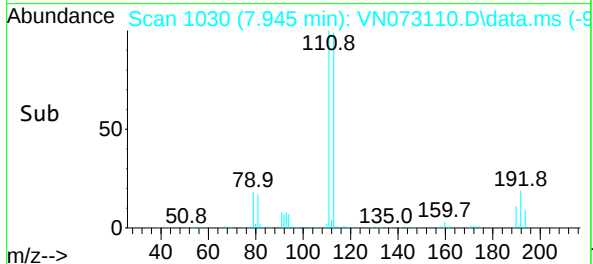
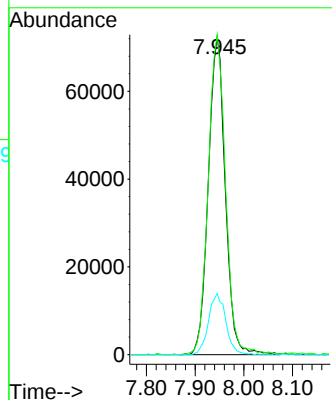
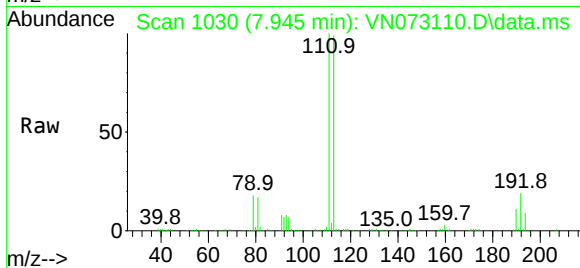
Tgt Ion:113 Resp: 174749

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 19.6 17.0 25.6



#39

Methylcyclohexane

Concen: 24.117 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. -0.041 min

Lab File: VN073110.D

Acq: 25 Jun 2022 15:05

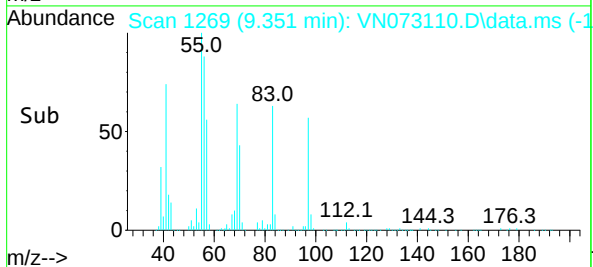
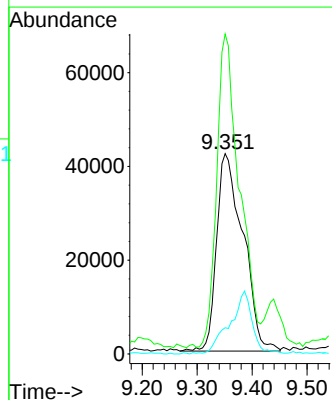
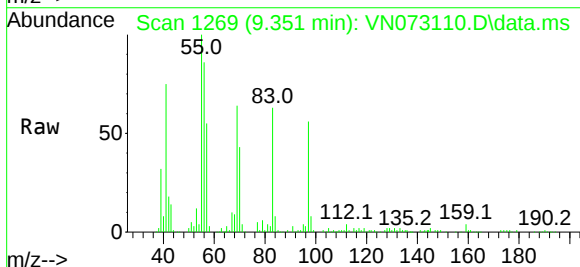
Tgt Ion: 83 Resp: 140800

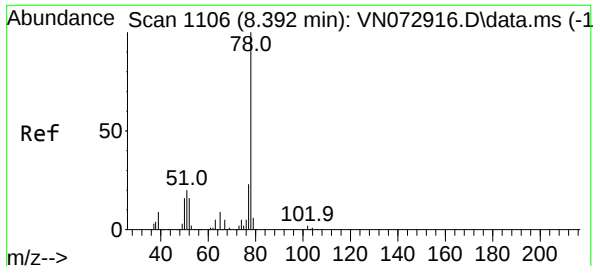
Ion Ratio Lower Upper

83 100

55 157.9 57.8 86.8#

98 13.3 39.4 59.2#

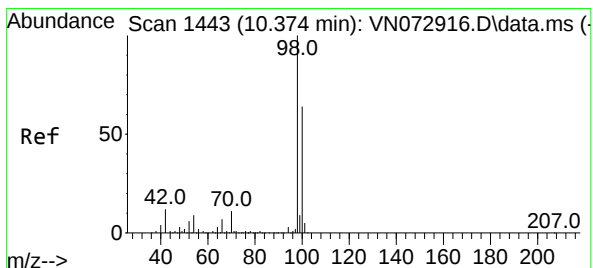
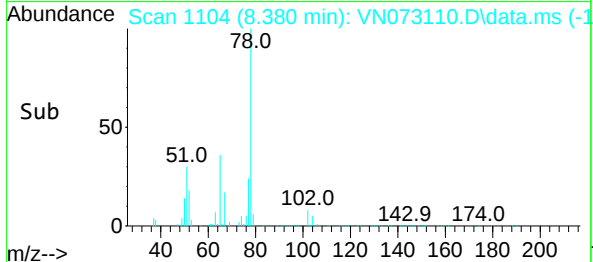
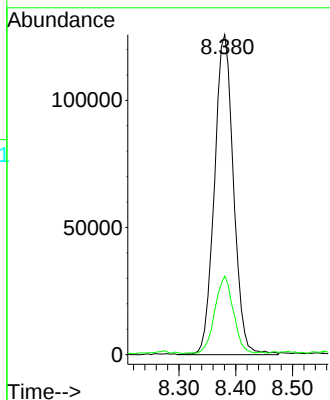
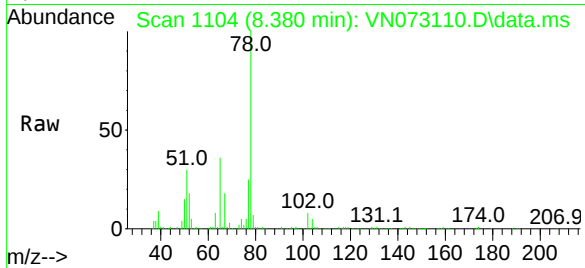




#40
Benzene
Concen: 19.294 ug/l
RT: 8.380 min Scan# 1104
Delta R.T. -0.012 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

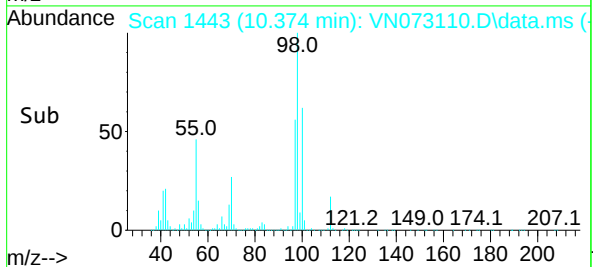
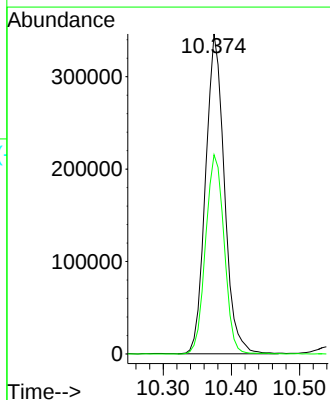
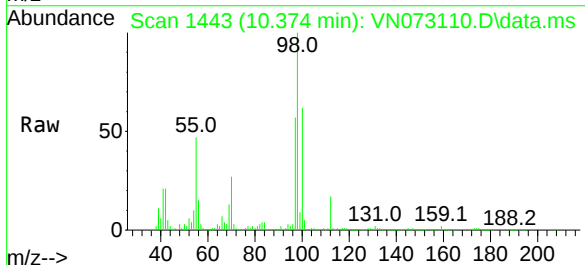
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

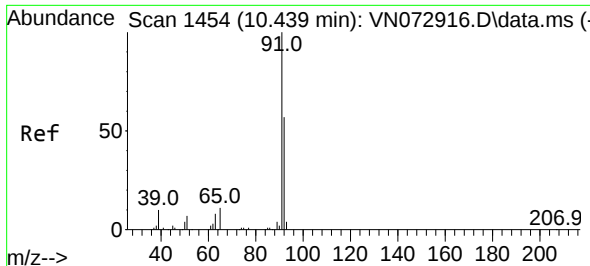
Tgt Ion: 78 Resp: 293694
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



#50
Toluene-d8
Concen: 49.941 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

Tgt Ion: 98 Resp: 665187
Ion Ratio Lower Upper
98 100
100 61.4 52.6 78.8

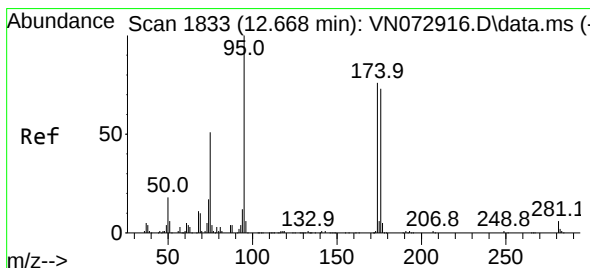
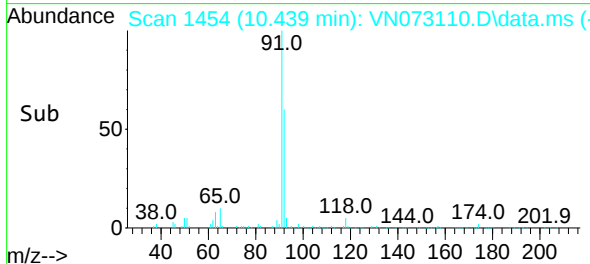
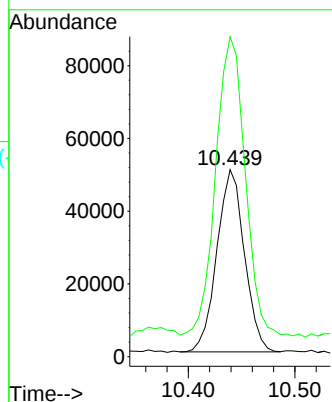
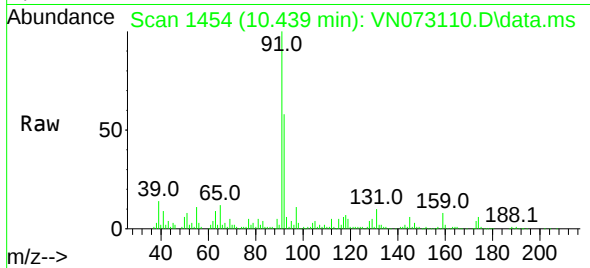




#52
Toluene
Concen: 9.620 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.000 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

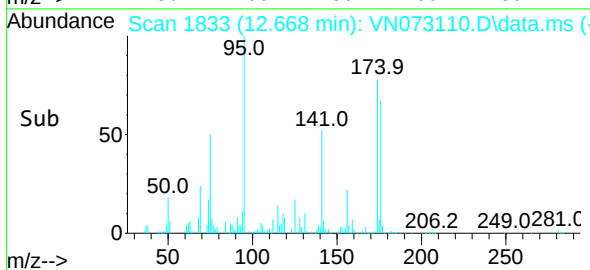
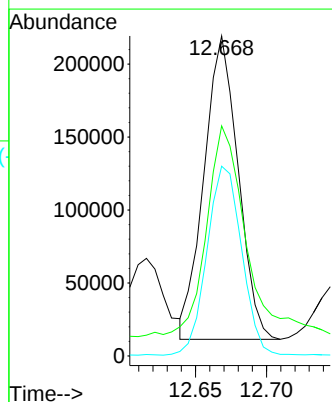
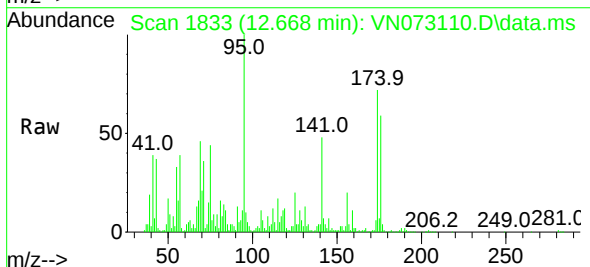
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

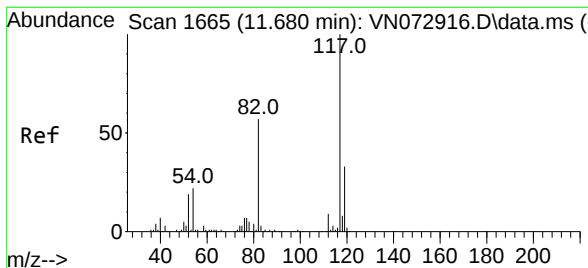
Tgt Ion: 92 Resp: 89901
Ion Ratio Lower Upper
92 100
91 179.1 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 72.509 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

Tgt Ion: 95 Resp: 347284
Ion Ratio Lower Upper
95 100
174 103.7 0.0 167.6
176 63.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073110.D

Acq: 25 Jun 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-5-GR

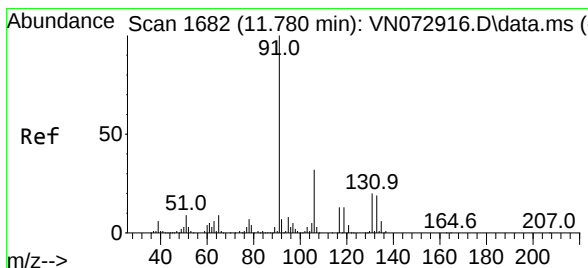
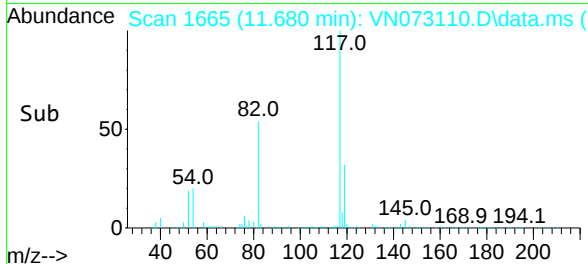
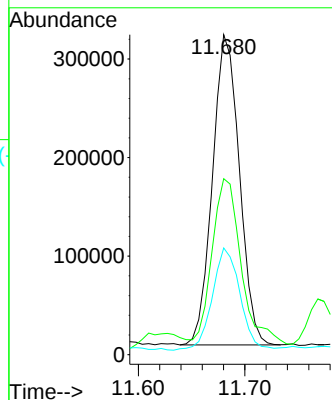
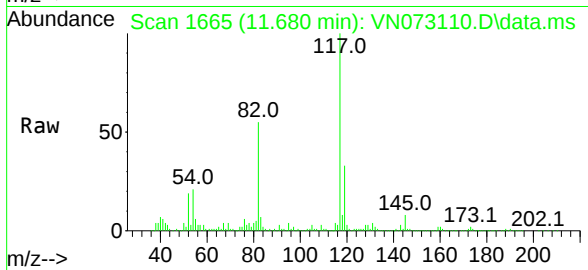
Tgt Ion:117 Resp: 551869

Ion Ratio Lower Upper

117 100

82 52.0 44.2 66.2

119 32.5 25.4 38.0



#67

Ethyl Benzene

Concen: 5.669 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VN073110.D

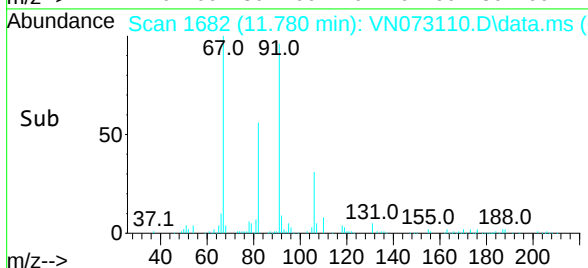
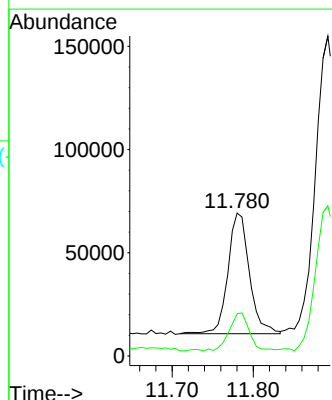
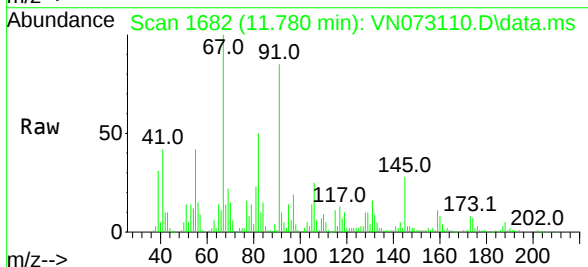
Acq: 25 Jun 2022 15:05

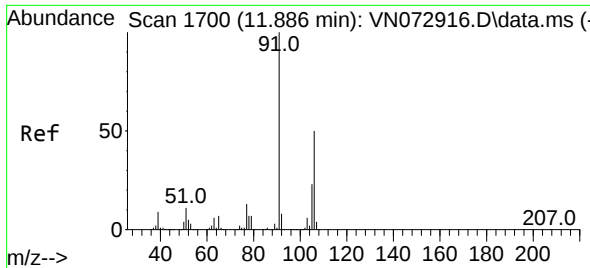
Tgt Ion: 91 Resp: 107565

Ion Ratio Lower Upper

91 100

106 30.6 24.9 37.3

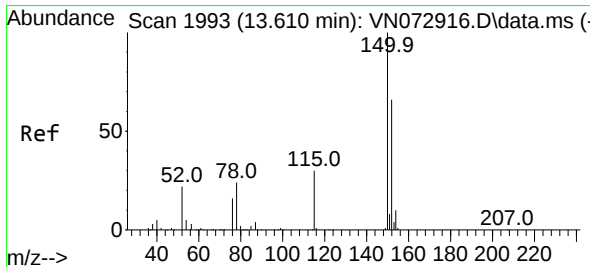
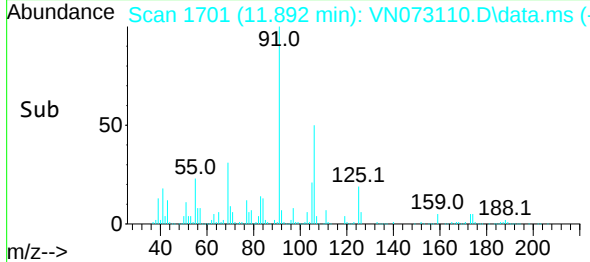
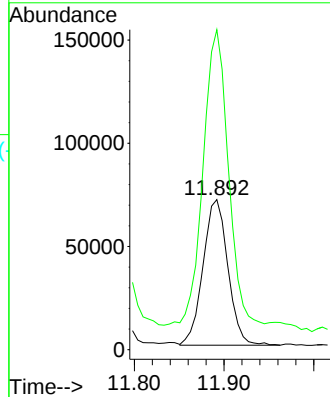
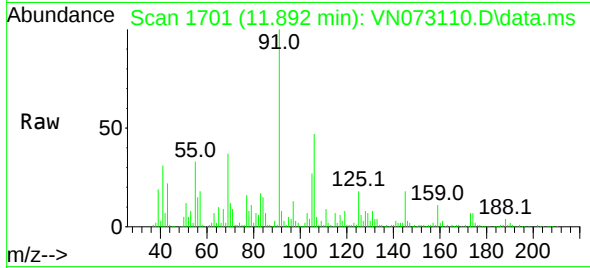




#68
m/p-Xylenes
Concen: 18.237 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

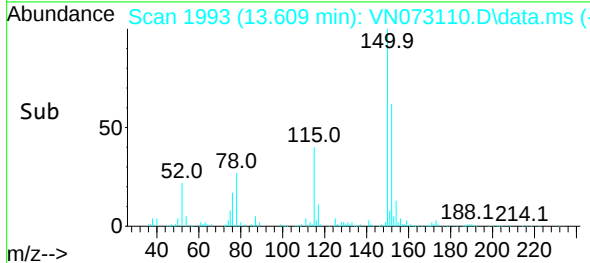
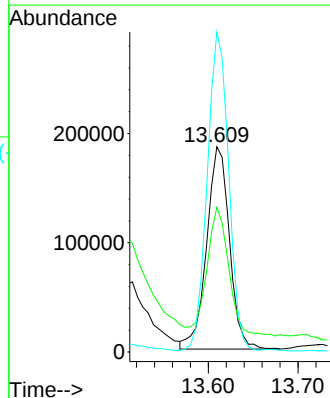
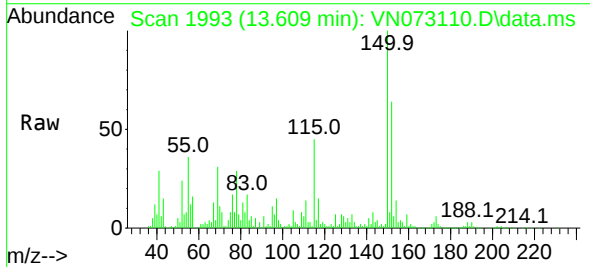
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

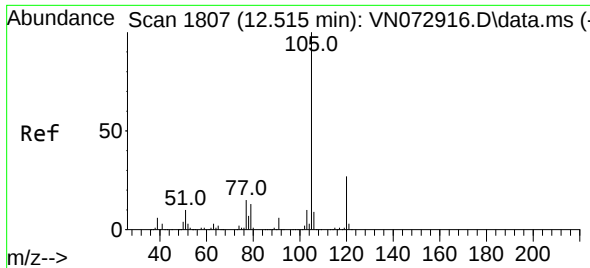
Tgt Ion:106 Resp: 135712
Ion Ratio Lower Upper
106 100
91 204.8 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

Tgt Ion:152 Resp: 327207
Ion Ratio Lower Upper
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115 62.0 28.9 86.7
150 147.2 0.0 356.2

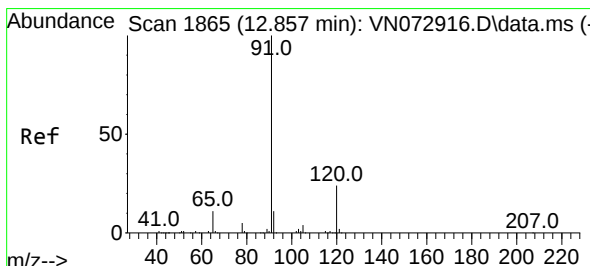
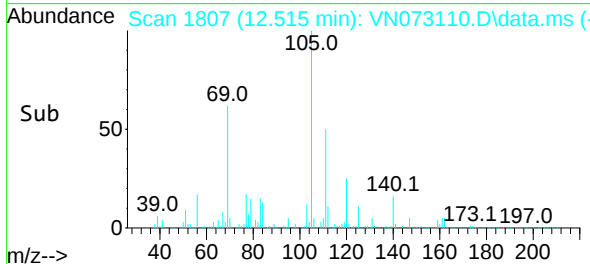
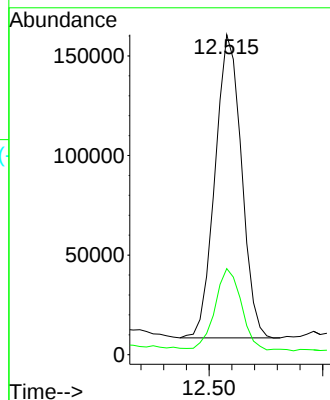
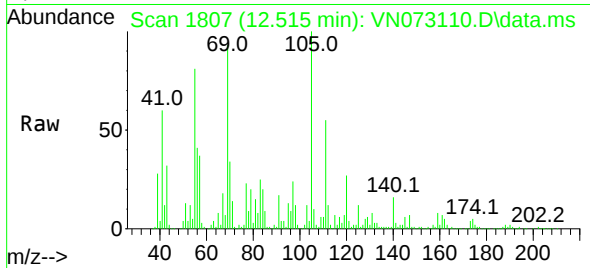




#73
Isopropylbenzene
Concen: 9.723 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

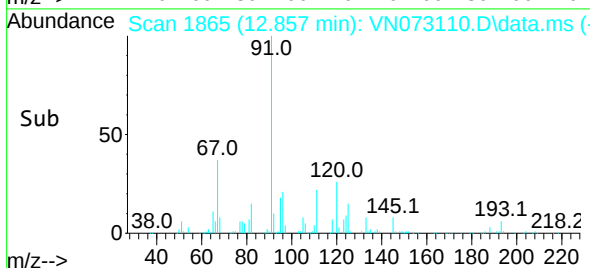
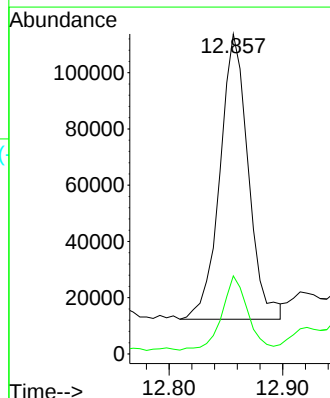
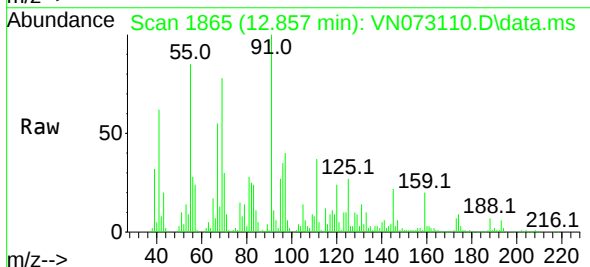
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

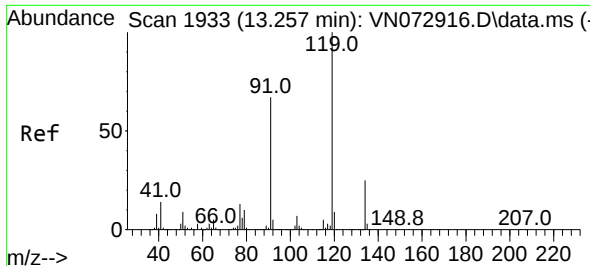
Tgt Ion:105 Resp: 246124
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4



#78
n-propylbenzene
Concen: 6.327 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

Tgt Ion: 91 Resp: 176165
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5

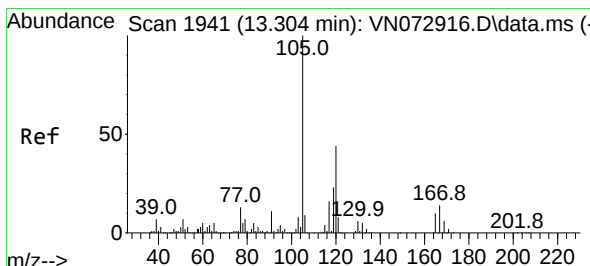
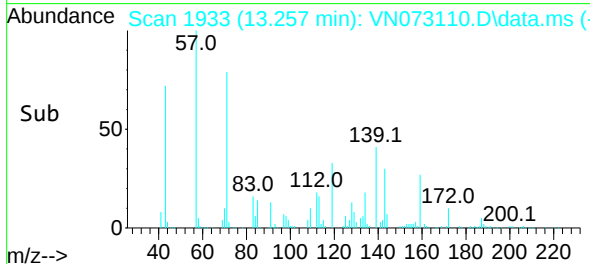
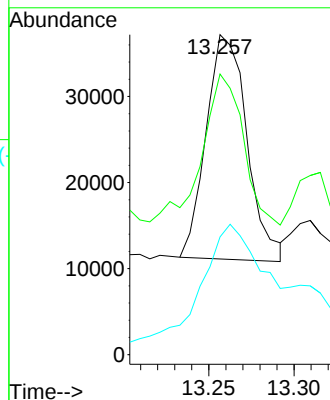
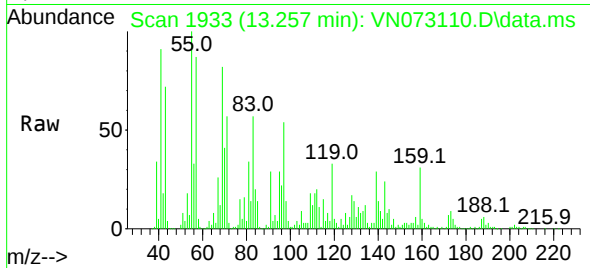




#83
tert-Butylbenzene
Concen: 2.280 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

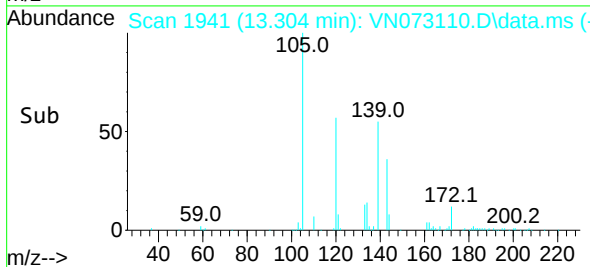
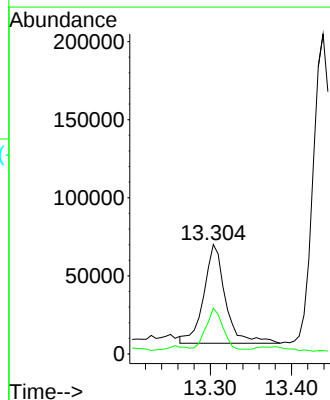
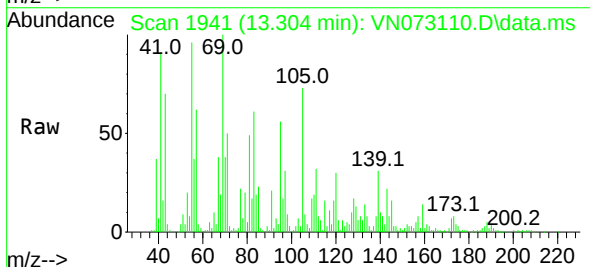
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

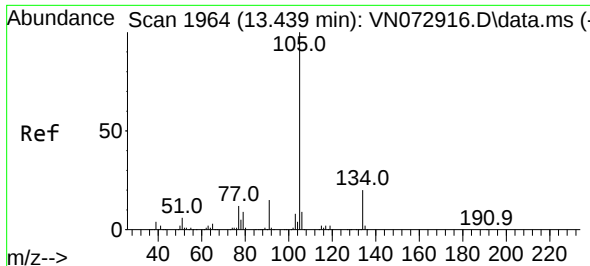
Tgt Ion:119 Resp: 43413
Ion Ratio Lower Upper
119 100
91 68.0 31.6 94.8
134 83.2 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 5.650 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073110.D
Acq: 25 Jun 2022 15:05

Tgt Ion:105 Resp: 117008
Ion Ratio Lower Upper
105 100
120 34.3 23.3 69.8

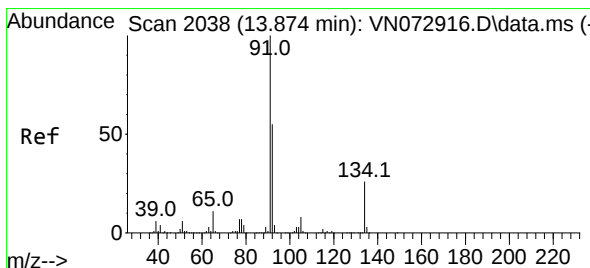
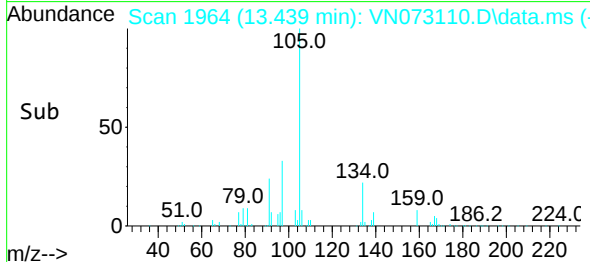
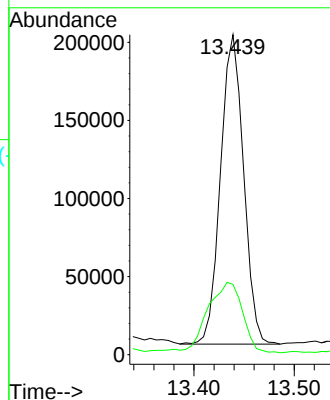
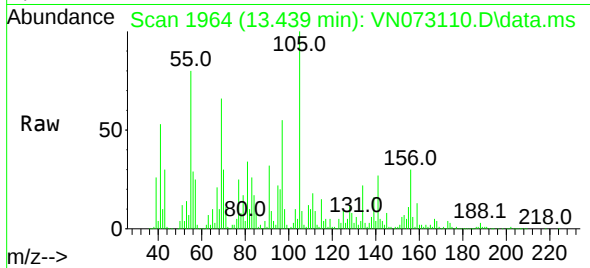




#85
 sec-Butylbenzene
 Concen: 12.460 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073110.D
 Acq: 25 Jun 2022 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-5-GR

Tgt Ion:105 Resp: 316532
 Ion Ratio Lower Upper
 105 100
 134 35.1 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 5.107 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. 0.006 min
 Lab File: VN073110.D
 Acq: 25 Jun 2022 15:05

Tgt Ion: 91 Resp: 85772
 Ion Ratio Lower Upper
 91 100
 92 59.8 26.9 80.7
 134 34.0 13.6 40.8

