

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073351.D
 Acq On : 06 Jul 2022 17:38
 Operator : JC\MD
 Sample : N3586-04 10X
 Misc : 1.11g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31457

Quant Time: Jul 07 04:24:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	331732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	550574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	522928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	263615	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	198074	41.361	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.720%
35) Dibromofluoromethane	7.951	113	170461	46.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	10.380	98	583941	44.884	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.760%
62) 4-Bromofluorobenzene	12.669	95	274247	54.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.700%

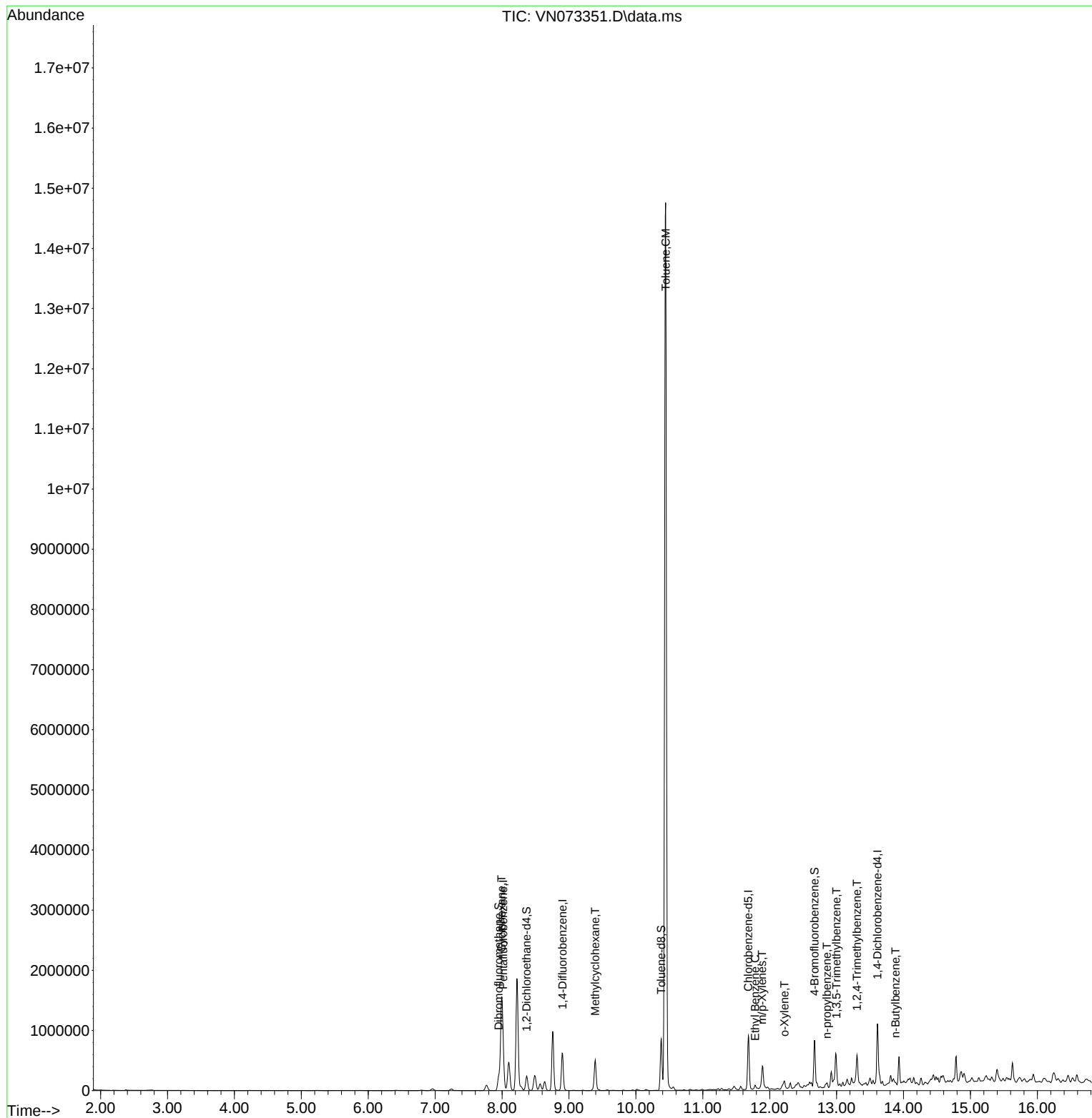
Target Compounds						Qvalue
31) Cyclohexane	7.992	56	257265	32.802	ug/l #	39
39) Methylcyclohexane	9.392	83	210062	29.935	ug/l	96
52) Toluene	10.445	92	6622340	616.039	ug/l	97
67) Ethyl Benzene	11.780	91	43349	2.019	ug/l	94
68) m/p-Xylenes	11.886	106	63673	7.858	ug/l	97
69) o-Xylene	12.222	106	33145	4.007	ug/l	100
78) n-propylbenzene	12.857	91	61354	2.426	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	65515	3.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	253713	13.696	ug/l	99
89) n-Butylbenzene	13.880	91	24257	1.613	ug/l #	77

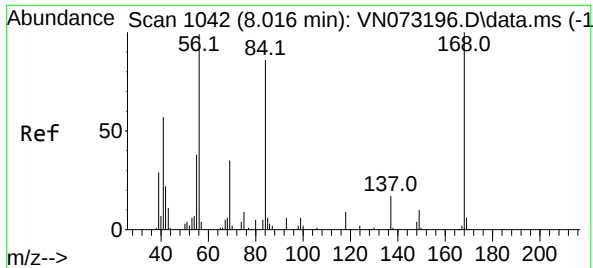
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
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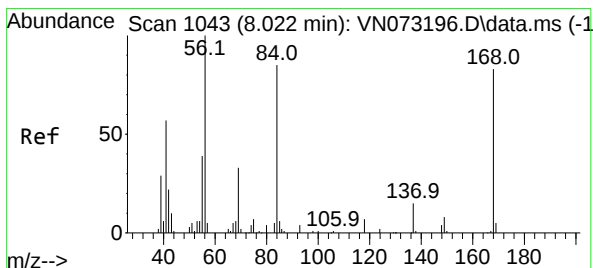
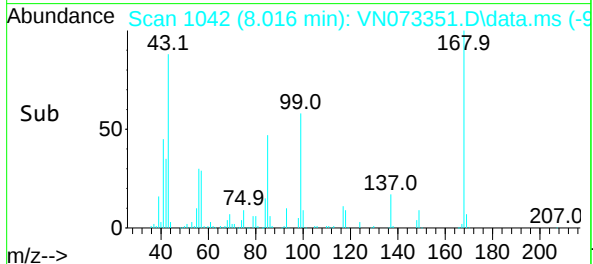
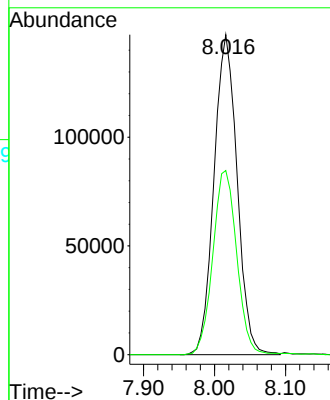
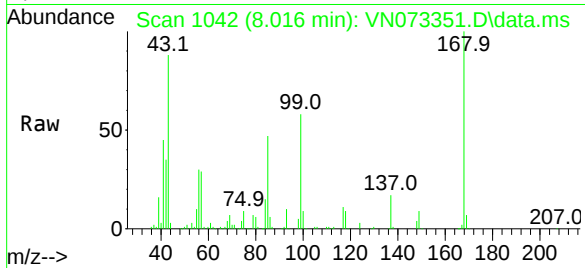




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

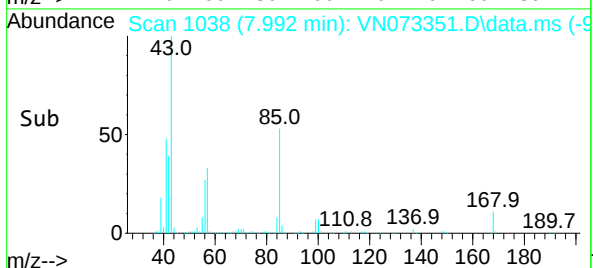
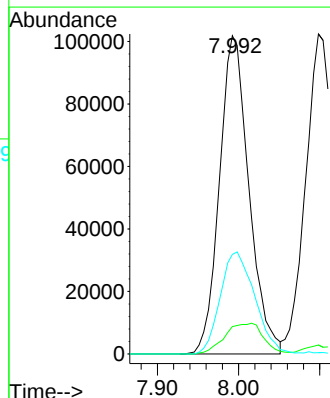
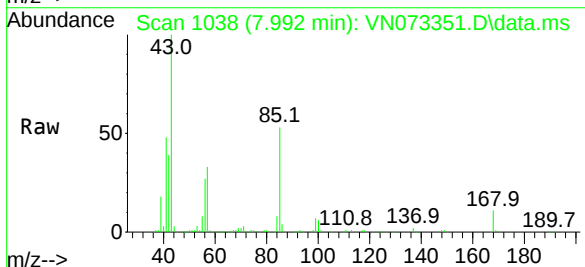
Instrument :
MSVOA_N
ClientSampleId :
31457

Tgt Ion:168 Resp: 331732
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#31
Cyclohexane
Concen: 32.802 ug/l
RT: 7.992 min Scan# 1038
Delta R.T. -0.030 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 56 Resp: 257265
Ion Ratio Lower Upper
56 100
69 8.6 27.8 41.8#
84 31.3 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 41.361 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

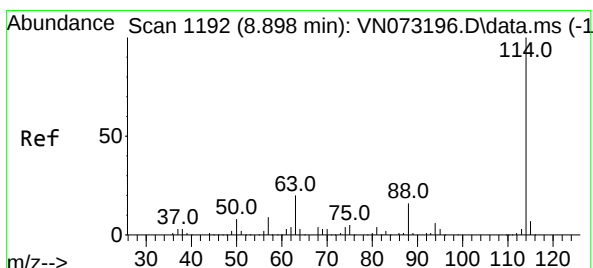
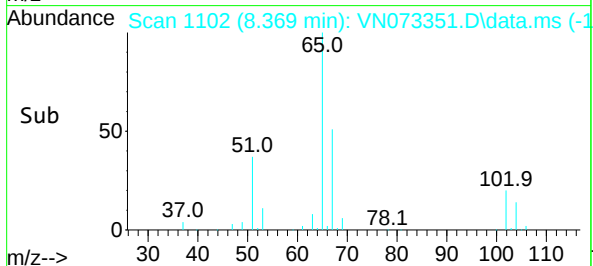
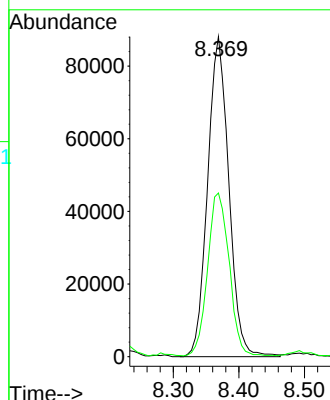
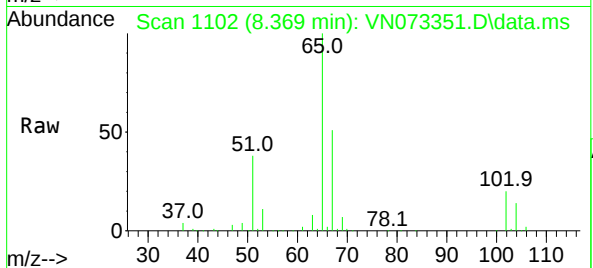
31457

Tgt Ion: 65 Resp: 198074

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

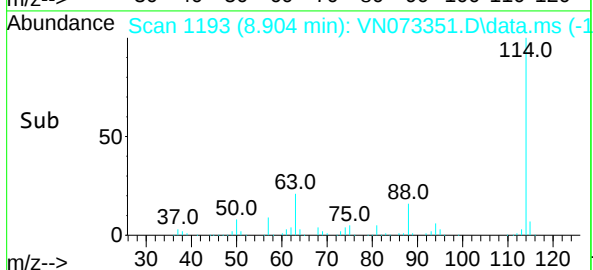
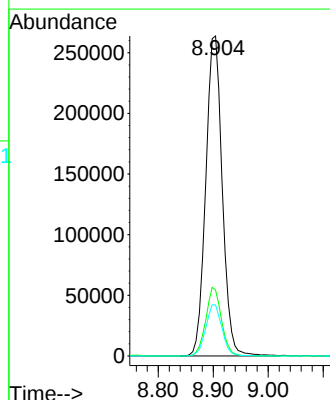
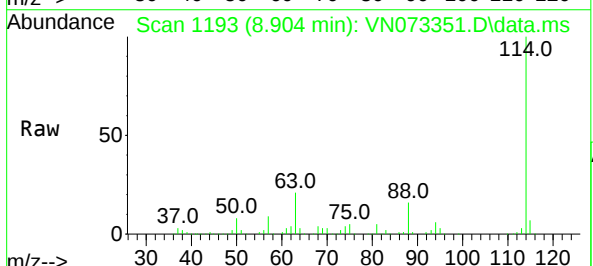
Tgt Ion: 114 Resp: 550574

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.535 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

31457

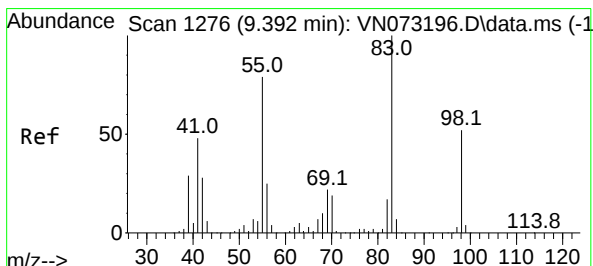
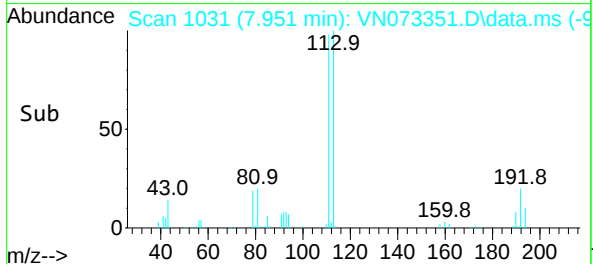
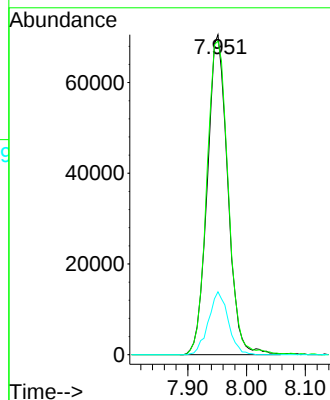
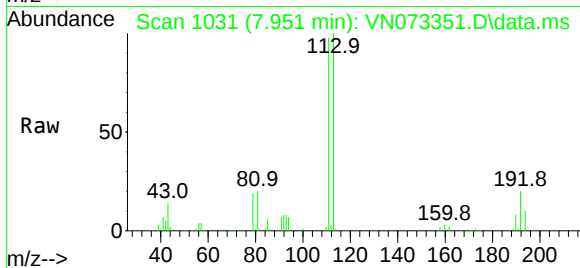
Tgt Ion:113 Resp: 170461

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.1 17.0 25.6



#39

Methylcyclohexane

Concen: 29.935 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

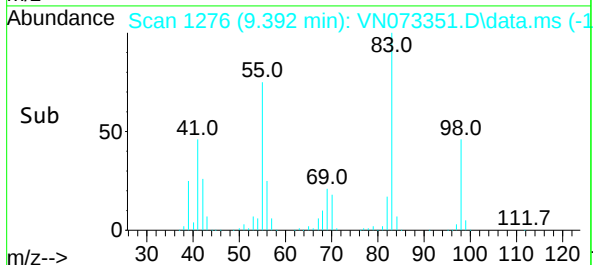
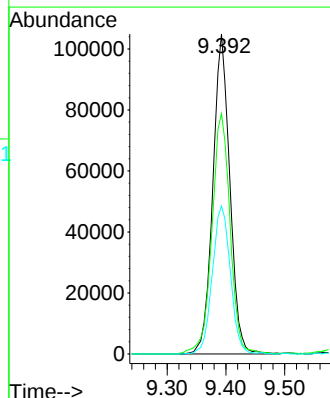
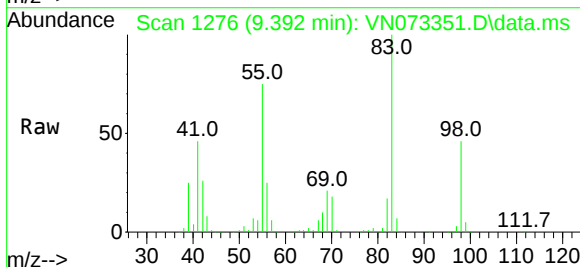
Tgt Ion: 83 Resp: 210062

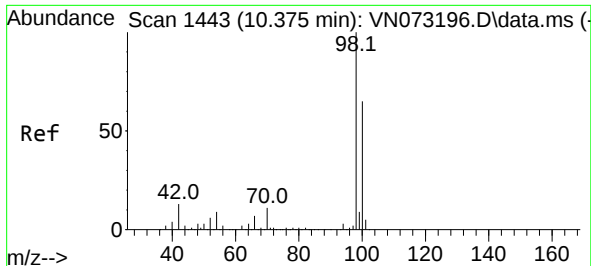
Ion Ratio Lower Upper

83 100

55 74.9 57.8 86.8

98 46.3 39.4 59.2

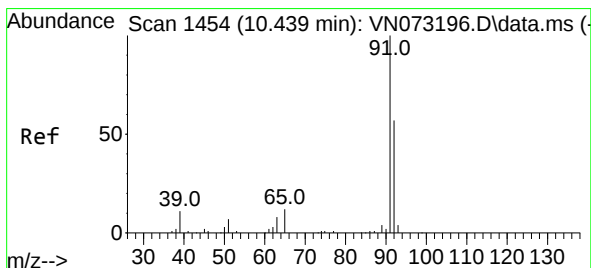
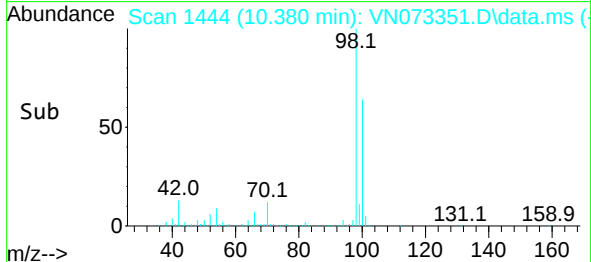
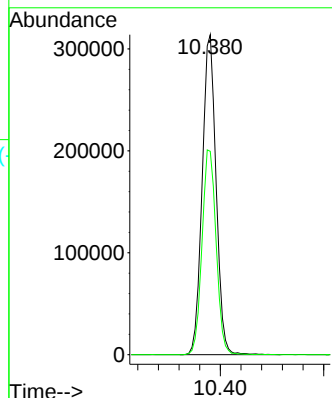
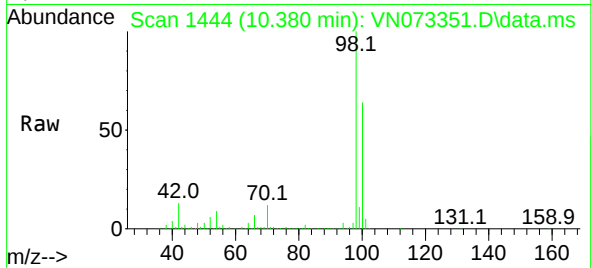




#50
Toluene-d8
Concen: 44.884 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

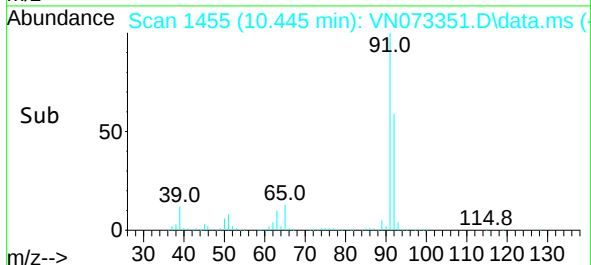
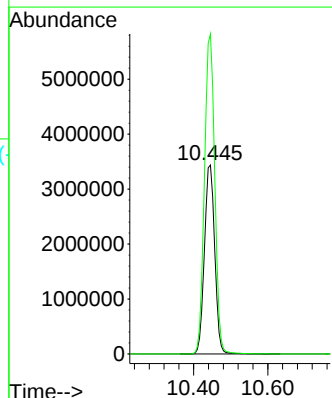
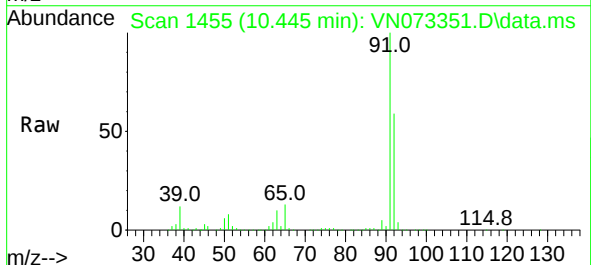
Instrument :
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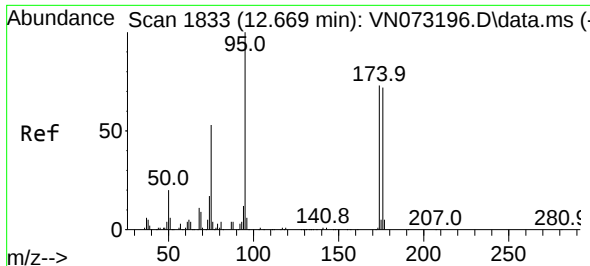
Tgt Ion: 98 Resp: 583941
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#52
Toluene
Concen: 616.039 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 92 Resp: 6622340
Ion Ratio Lower Upper
92 100
91 169.6 138.6 207.8

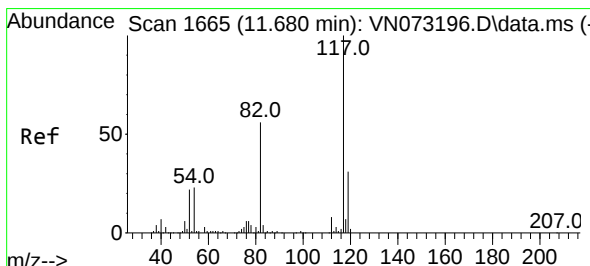
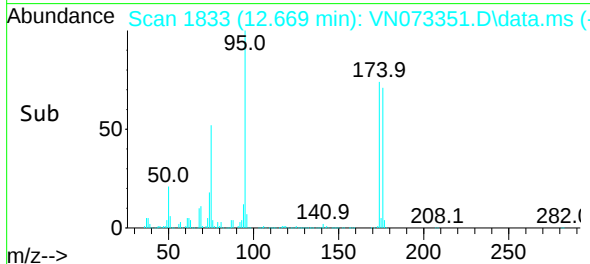
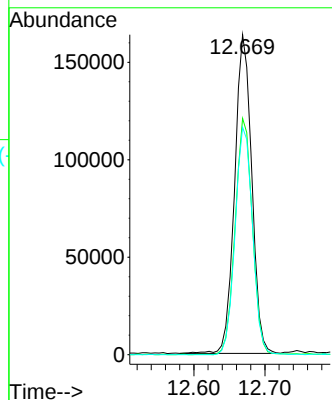
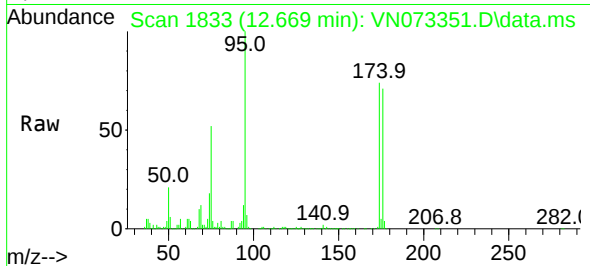




#62
4-Bromofluorobenzene
Concen: 54.853 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

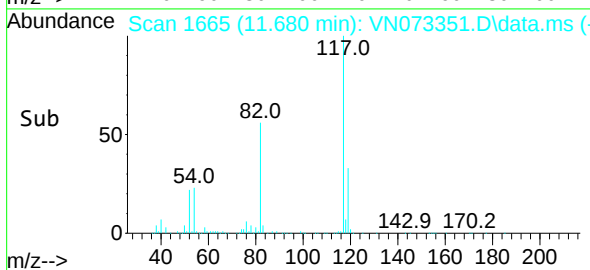
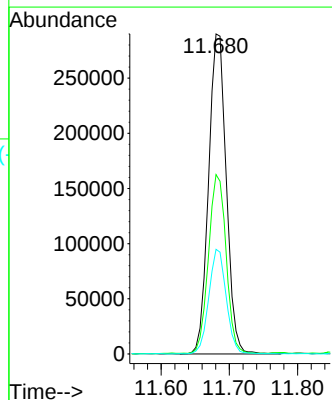
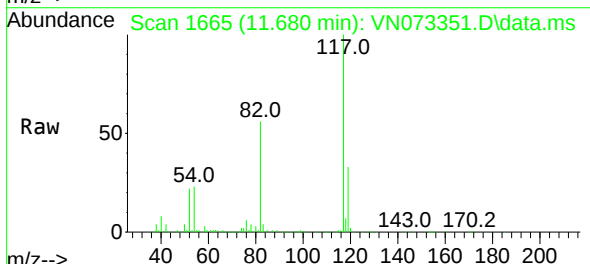
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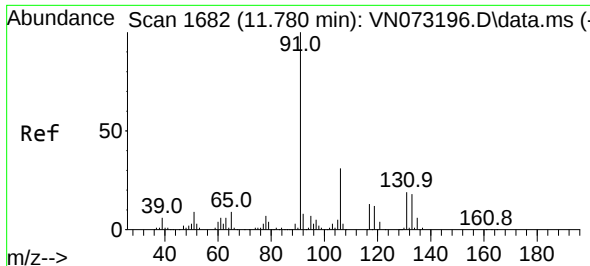
Tgt Ion: 95 Resp: 274247
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 72.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 117 Resp: 522928
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.6 25.4 38.0

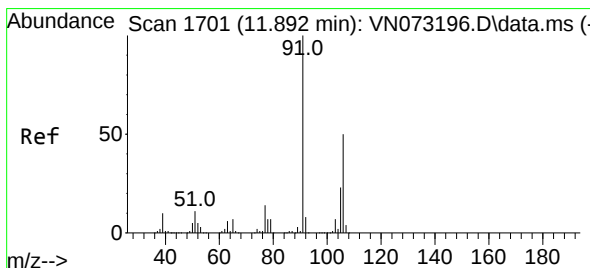
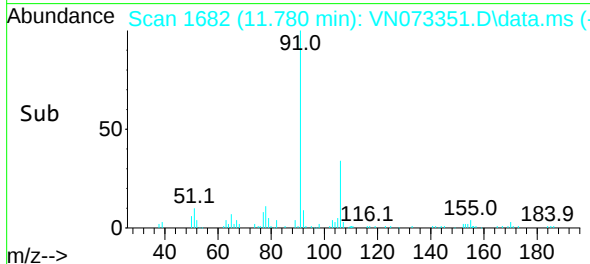
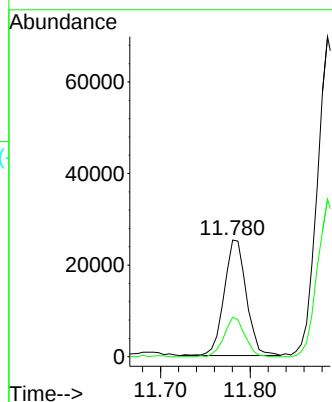
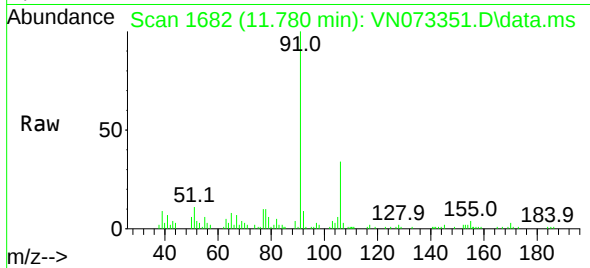




#67
Ethyl Benzene
Concen: 2.019 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

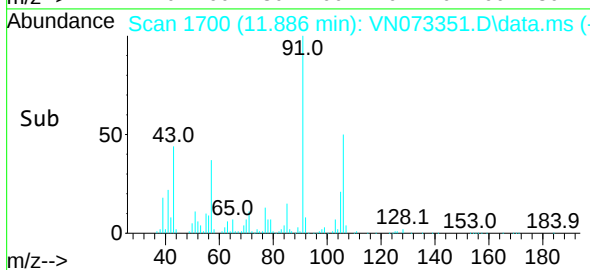
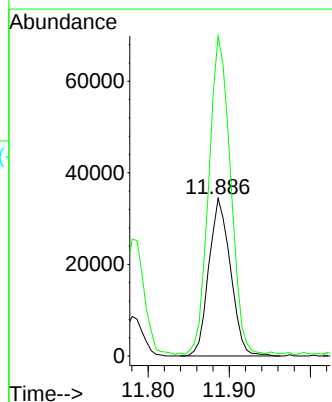
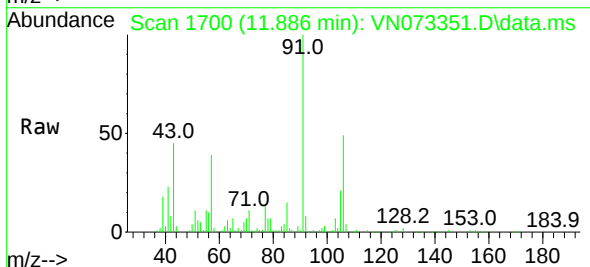
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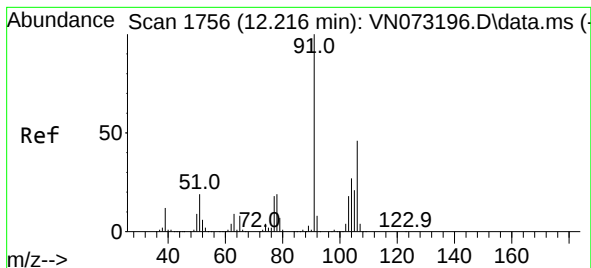
Tgt Ion: 91 Resp: 43349
Ion Ratio Lower Upper
91 100
106 34.3 24.9 37.3



#68
m/p-Xylenes
Concen: 7.858 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 106 Resp: 63673
Ion Ratio Lower Upper
106 100
91 203.6 158.9 238.3





#69

o-Xylene

Concen: 4.007 ug/l

RT: 12.222 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

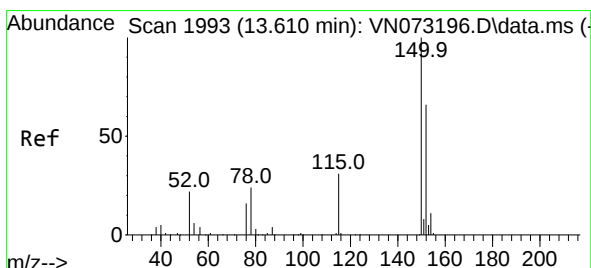
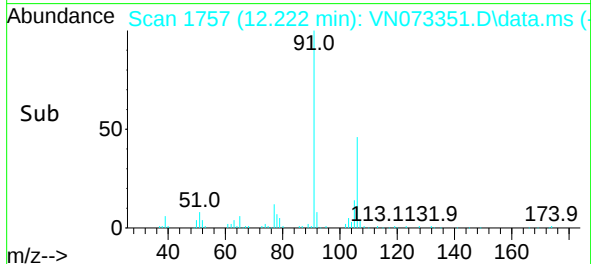
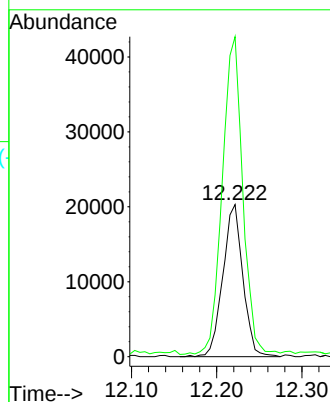
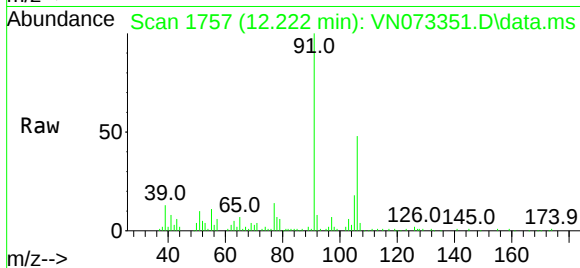
31457

Tgt Ion:106 Resp: 33145

Ion Ratio Lower Upper

106 100

91 212.3 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

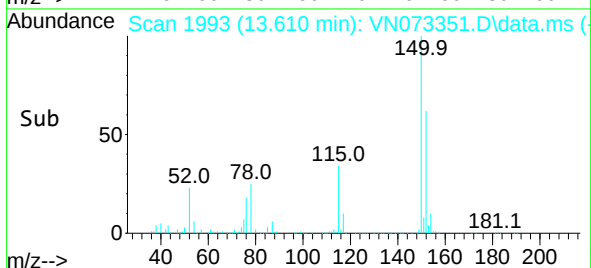
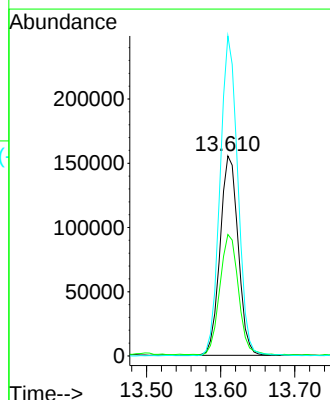
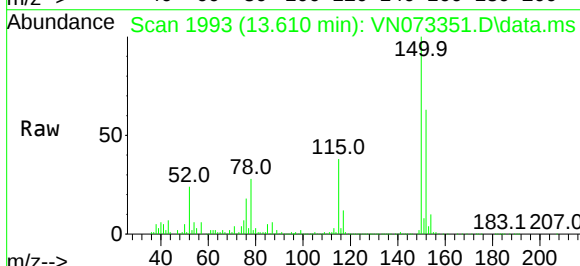
Tgt Ion:152 Resp: 263615

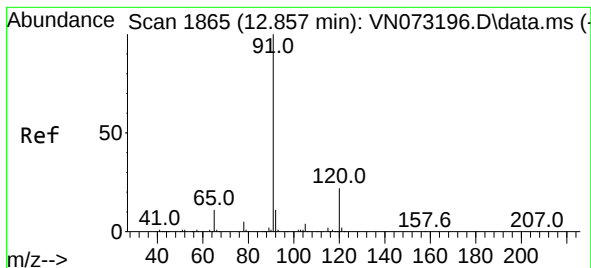
Ion Ratio Lower Upper

152 100

115 62.2 28.9 86.7

150 157.1 0.0 356.2





#78

n-propylbenzene

Concen: 2.426 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

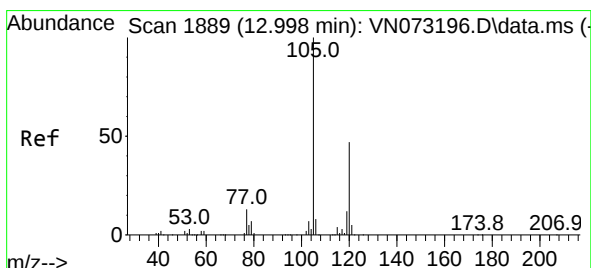
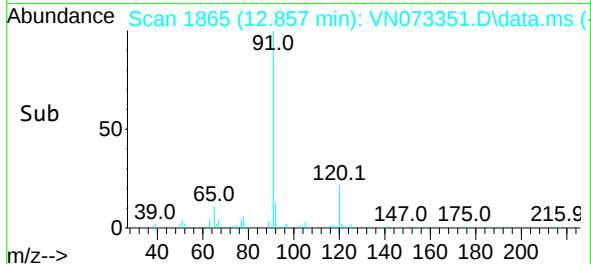
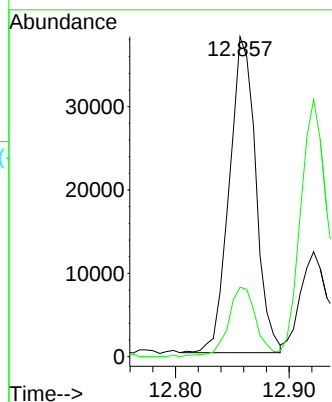
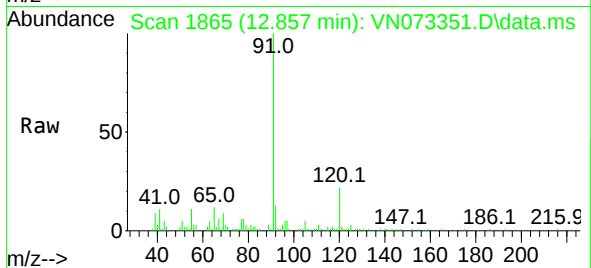
31457

Tgt Ion: 91 Resp: 61354

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 3.531 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073351.D

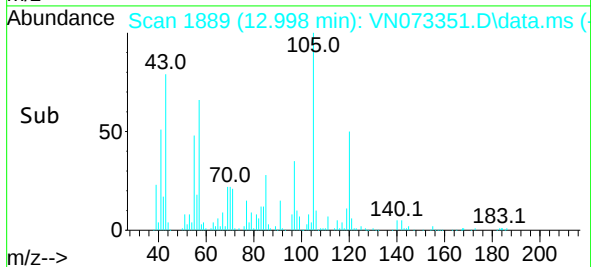
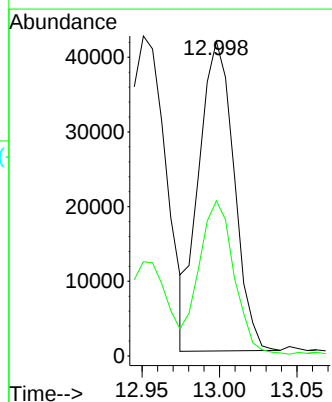
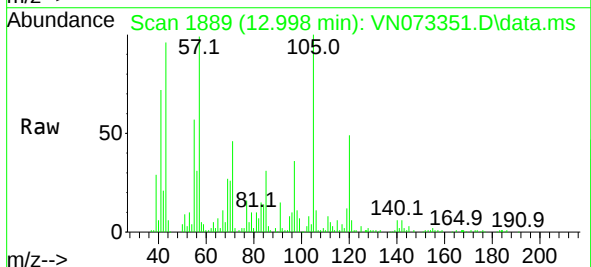
Acq: 06 Jul 2022 17:38

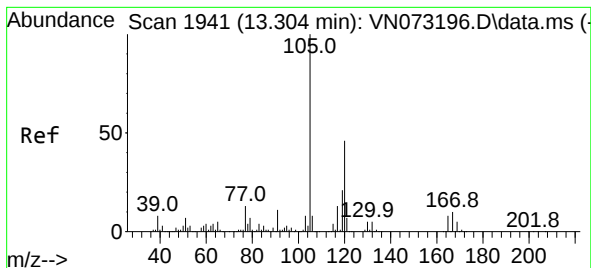
Tgt Ion: 105 Resp: 65515

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 13.696 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

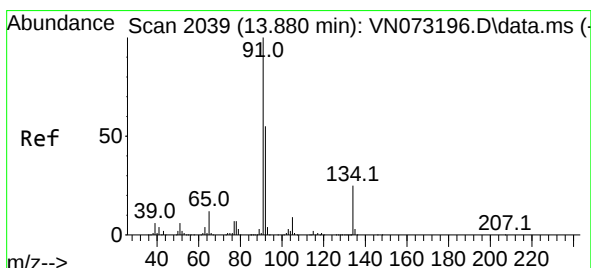
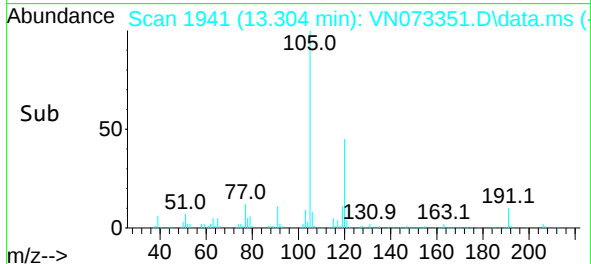
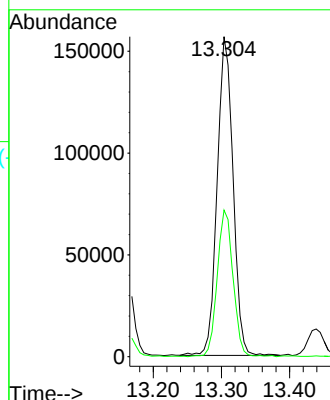
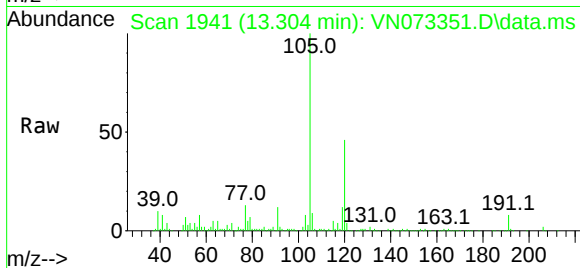
31457

Tgt Ion:105 Resp: 253713

Ion Ratio Lower Upper

105 100

120 45.7 23.3 69.8



#89

n-Butylbenzene

Concen: 1.613 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Tgt Ion: 91 Resp: 24257

Ion Ratio Lower Upper

91 100

92 59.2 26.9 80.7

134 0.0 13.6 40.8#

