

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072554.D
 Acq On : 19 May 2022 14:49
 Operator : JC\MD
 Sample : N2800-11DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2DL

Quant Time: May 20 06:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

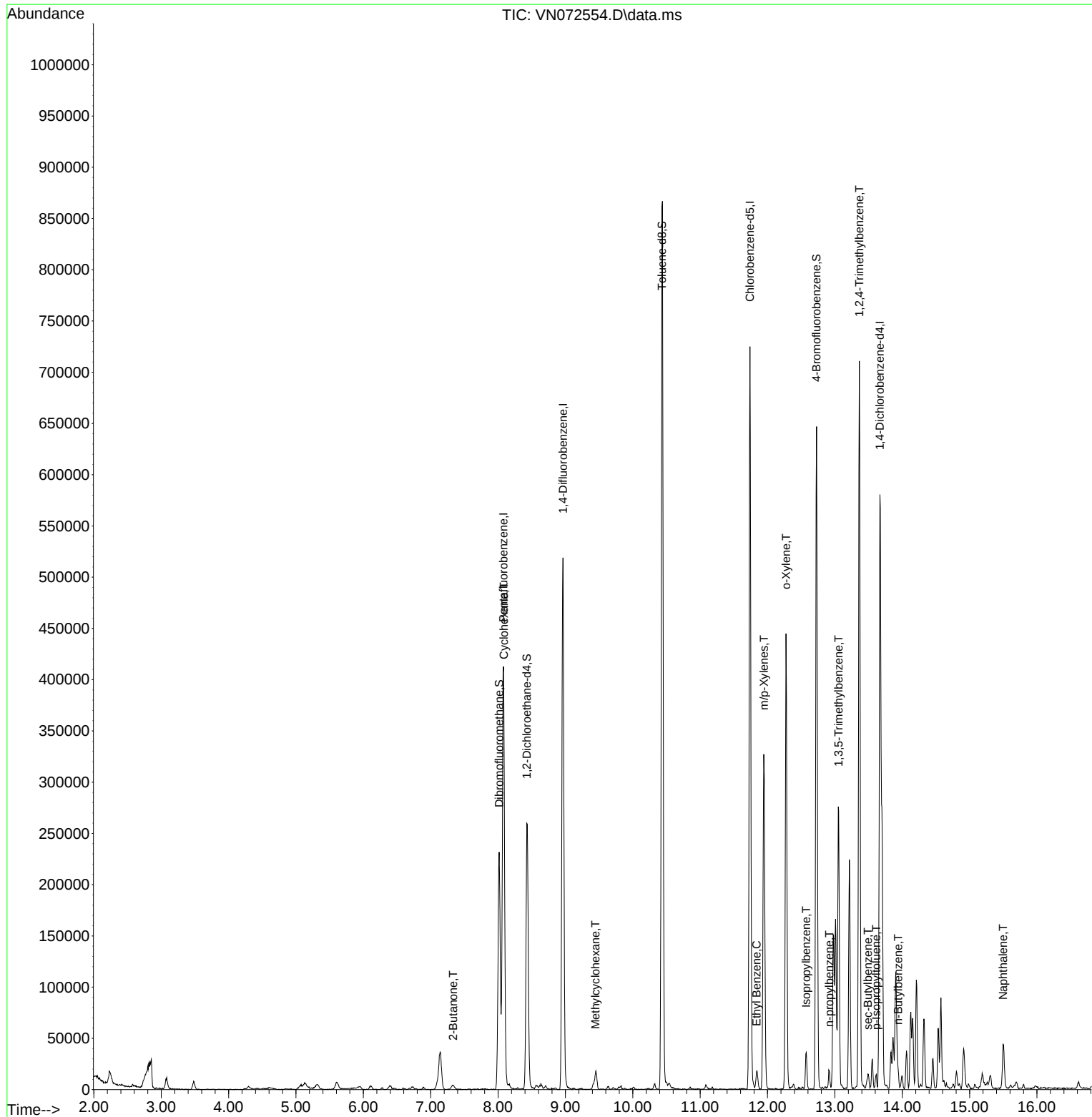
Internal Standards						
1) Pentafluorobenzene	8.081	168	288764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	434859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	396354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	153388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	248298	55.342	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 110.680%		
35) Dibromofluoromethane	8.016	113	163224	55.629	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 111.260%		
50) Toluene-d8	10.433	98	604699	54.446	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 108.900%		
62) 4-Bromofluorobenzene	12.727	95	214534	50.852	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 101.700%		
Target Compounds						
						Qvalue
25) 2-Butanone	7.334	43	4306	2.014	ug/l	# 85
31) Cyclohexane	8.086	56	16684	3.346	ug/l	# 75
39) Methylcyclohexane	9.445	83	7567	1.623	ug/l	91
67) Ethyl Benzene	11.839	91	8793	0.625	ug/l	92
68) m/p-Xylenes	11.945	106	102407	18.921	ug/l	88
69) o-Xylene	12.274	106	112446	20.395	ug/l	91
73) Isopropylbenzene	12.574	105	22959	1.810	ug/l	99
78) n-propylbenzene	12.916	91	14845	1.070	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	148158	13.471	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	406656	38.547	ug/l	96
85) sec-Butylbenzene	13.492	105	9386m	0.774	ug/l	
86) p-Isopropyltoluene	13.615	119	6817	0.683	ug/l	90
89) n-Butylbenzene	13.939	91	9285m	1.230	ug/l	
95) Naphthalene	15.498	128	42991	6.362	ug/l	99

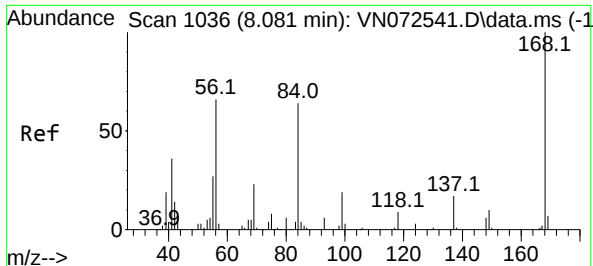
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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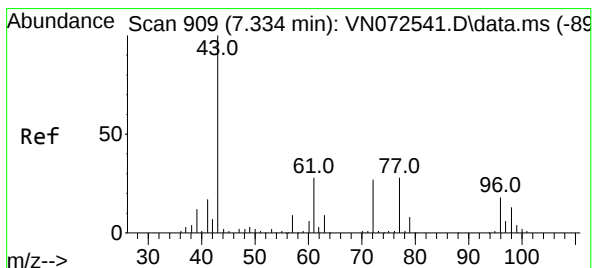
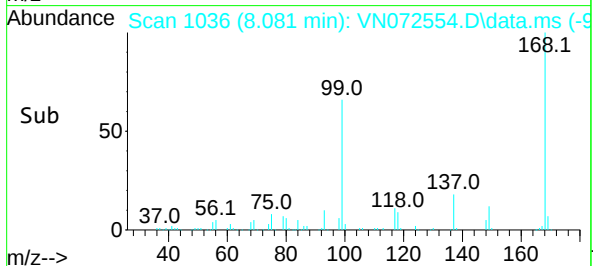
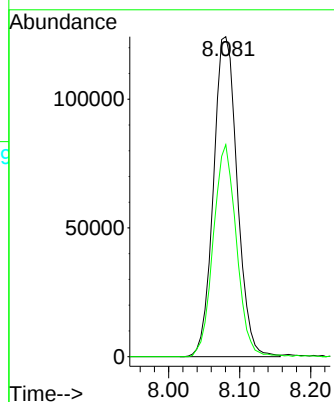
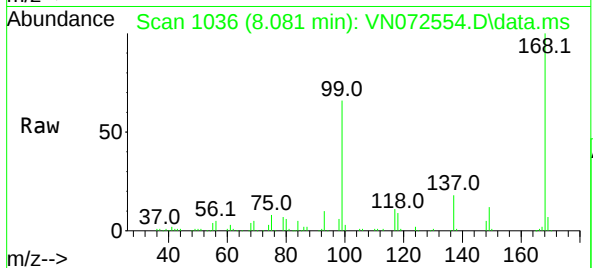




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

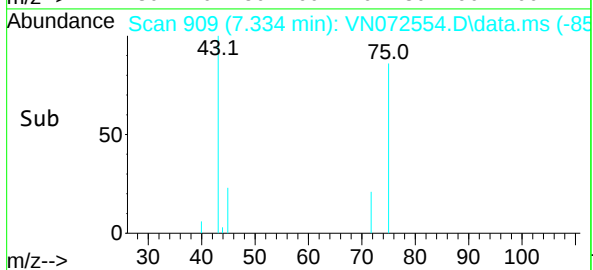
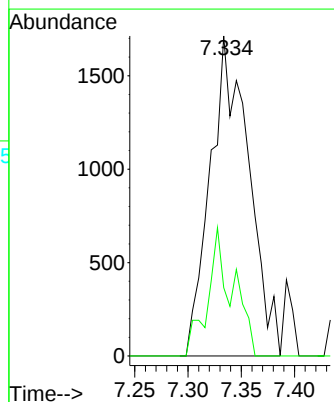
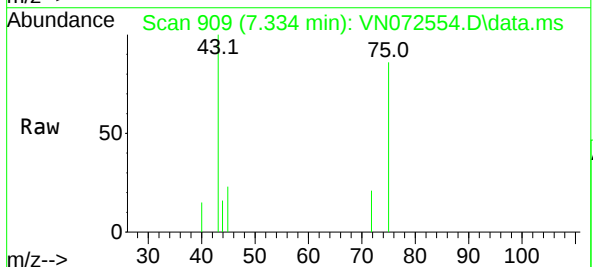
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

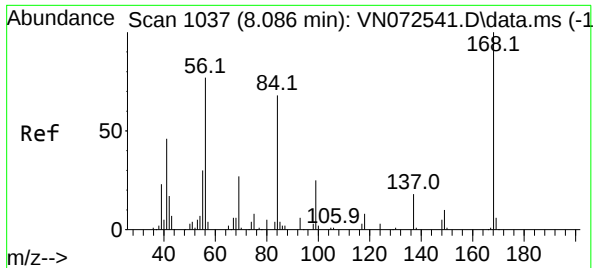
Tgt Ion:168 Resp: 288764
Ion Ratio Lower Upper
168 100
99 66.2 42.3 63.5#



#25
2-Butanone
Concen: 2.014 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 43 Resp: 4306
Ion Ratio Lower Upper
43 100
72 21.4 23.7 35.5#

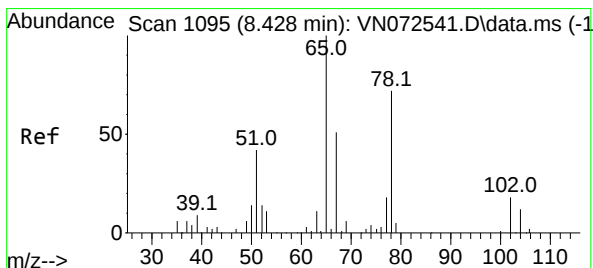
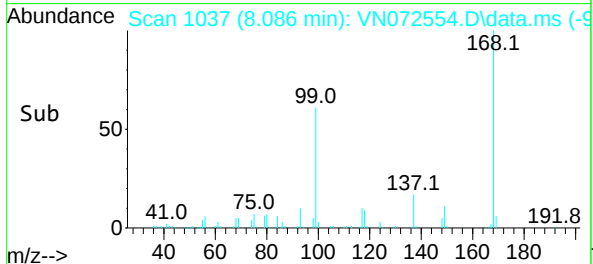
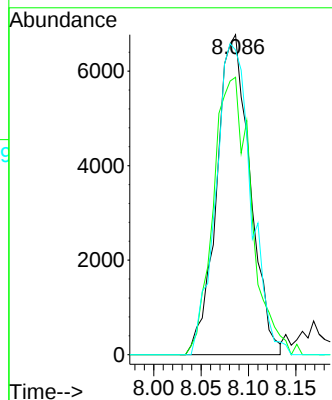
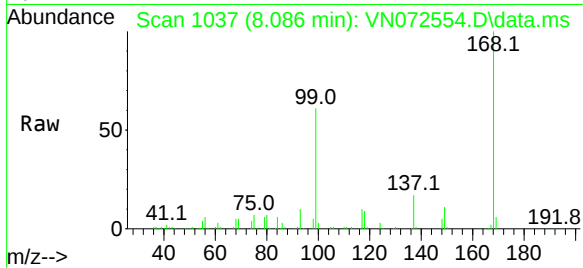




#31
Cyclohexane
Concen: 3.346 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

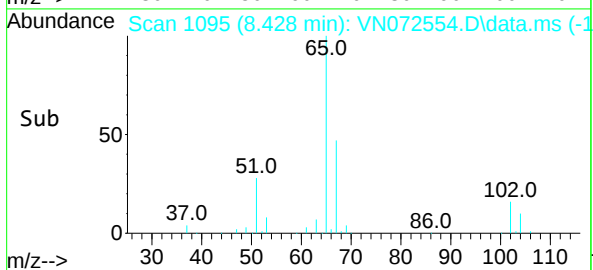
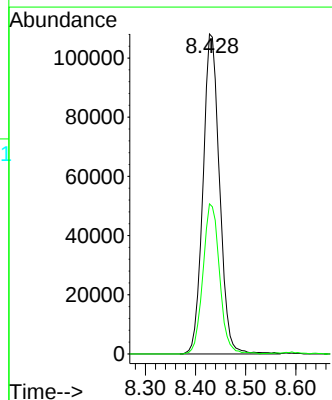
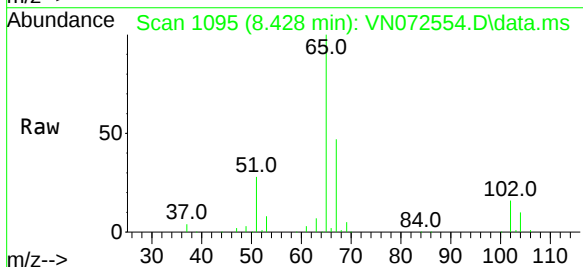
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

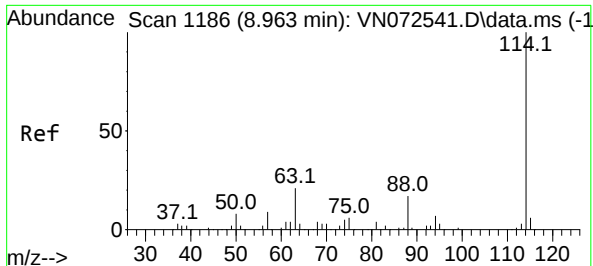
Tgt Ion: 56 Resp: 16684
Ion Ratio Lower Upper
56 100
69 86.7 27.8 41.8#
84 95.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 55.342 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 65 Resp: 248298
Ion Ratio Lower Upper
65 100
67 47.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

GES-2DL

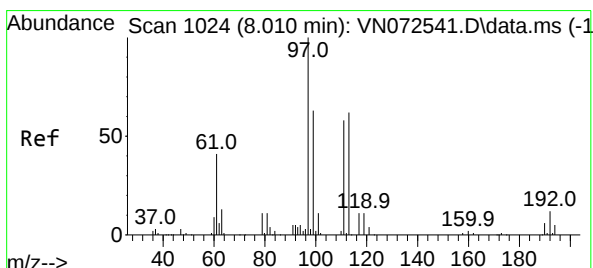
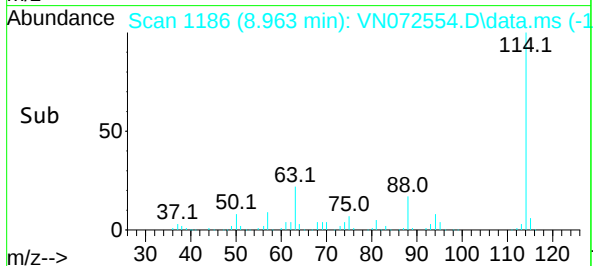
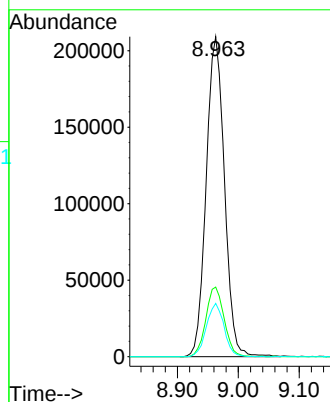
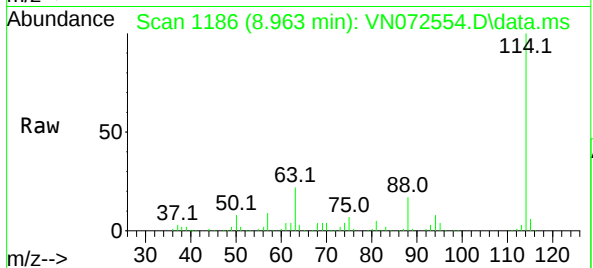
Tgt Ion:114 Resp: 434859

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.629 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

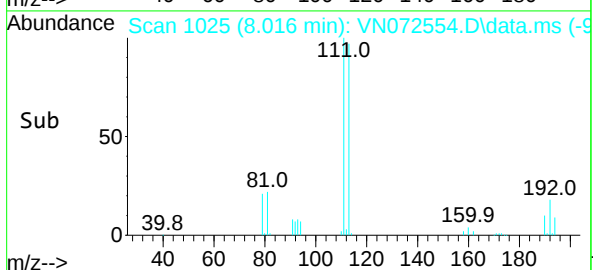
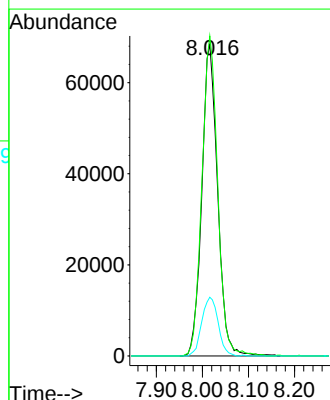
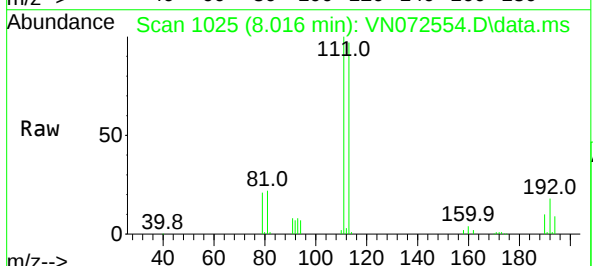
Tgt Ion:113 Resp: 163224

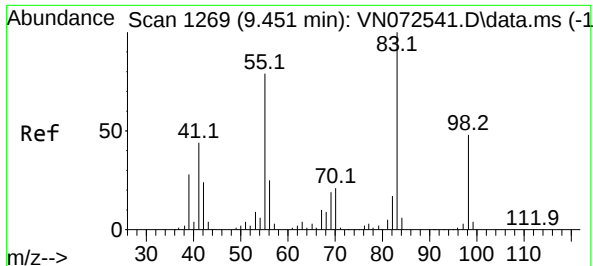
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 19.6 17.0 25.6





#39

Methylcyclohexane

Concen: 1.623 ug/l

RT: 9.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

GES-2DL

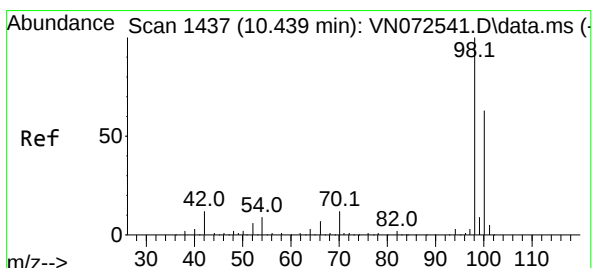
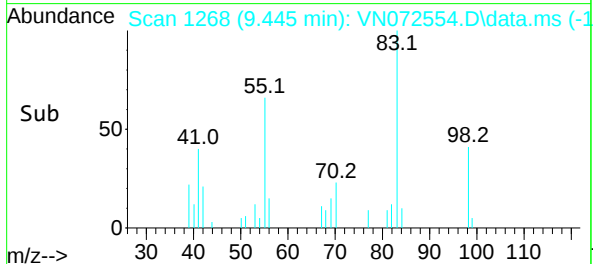
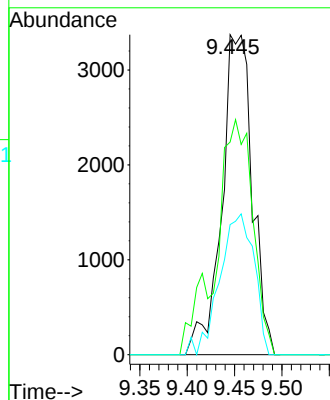
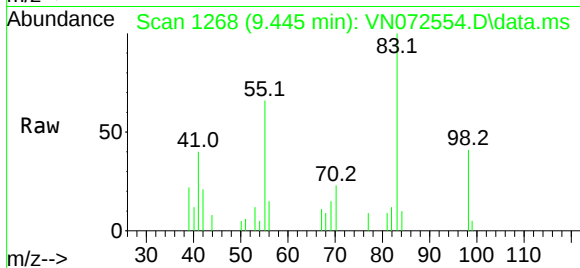
Tgt Ion: 83 Resp: 7567

Ion Ratio Lower Upper

83 100

55 66.4 57.8 86.8

98 40.7 39.4 59.2



#50

Toluene-d8

Concen: 54.446 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072554.D

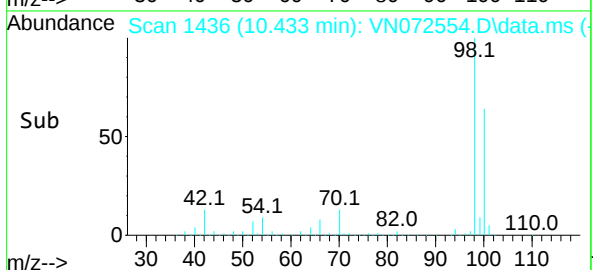
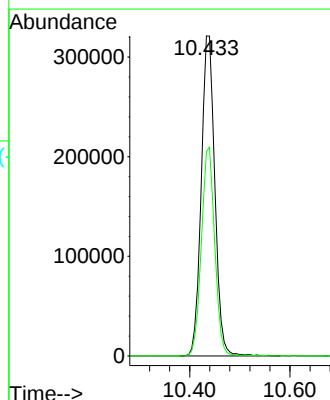
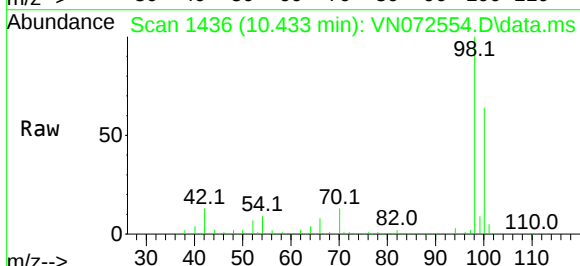
Acq: 19 May 2022 14:49

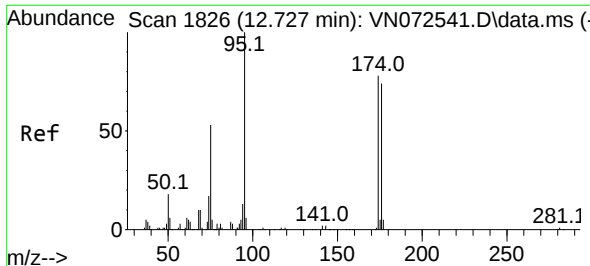
Tgt Ion: 98 Resp: 604699

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8

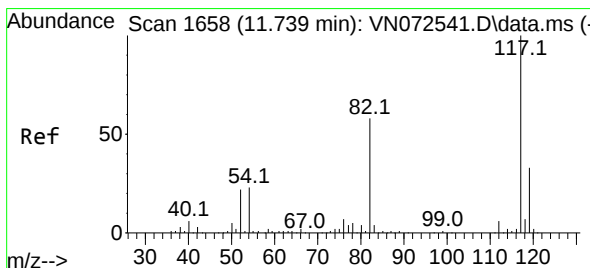
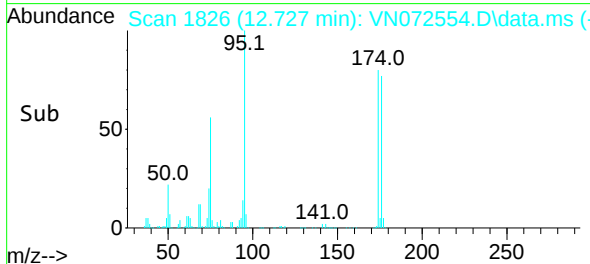
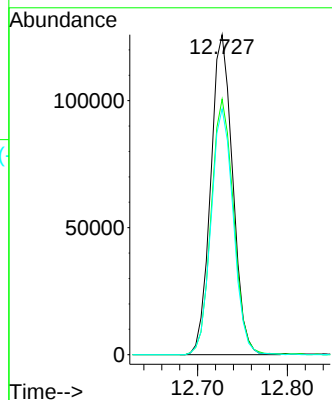
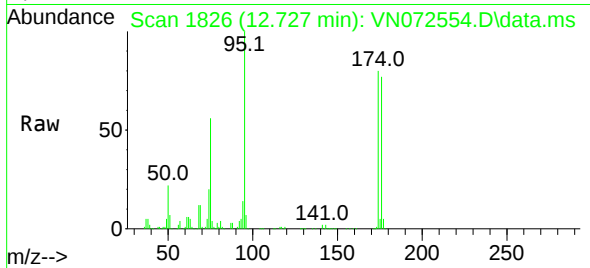




#62
4-Bromofluorobenzene
Concen: 50.852 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

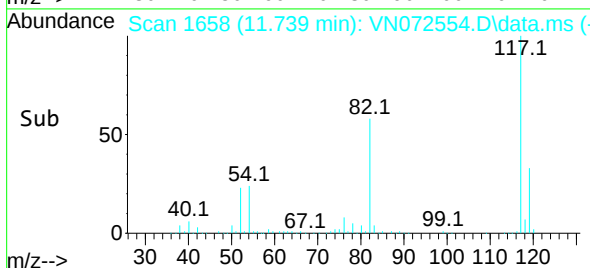
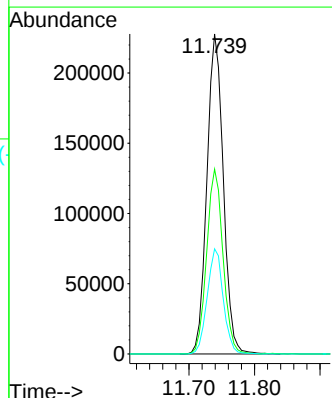
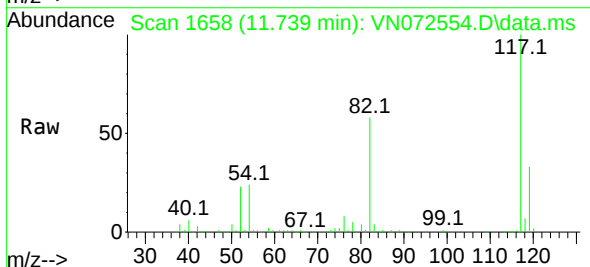
Instrument :
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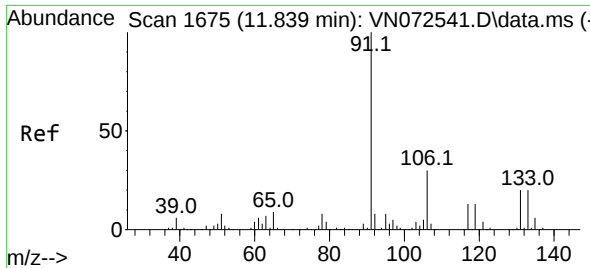
Tgt Ion: 95 Resp: 214534
Ion Ratio Lower Upper
95 100
174 81.2 0.0 167.6
176 77.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 117 Resp: 396354
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 32.9 25.4 38.0

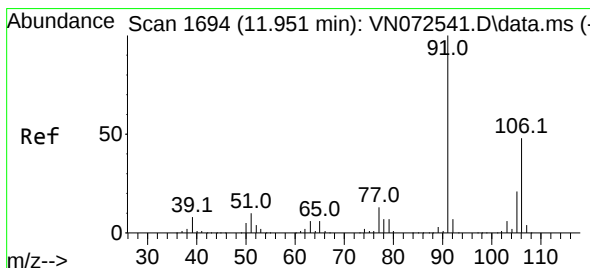
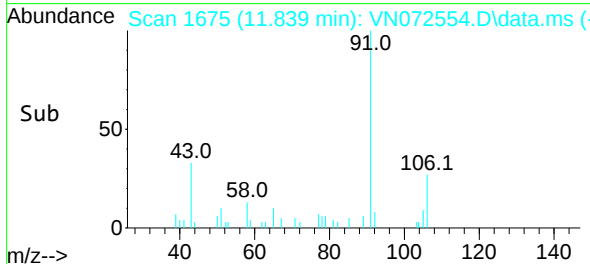
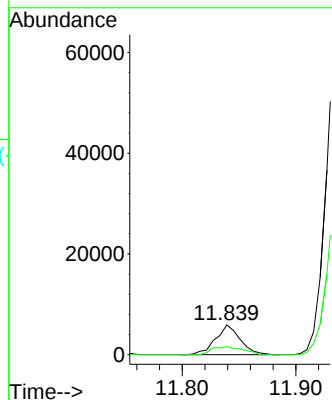
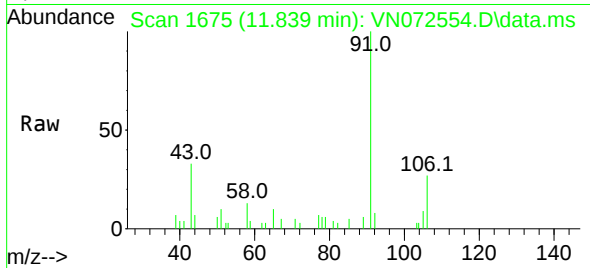




#67
Ethyl Benzene
Concen: 0.625 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

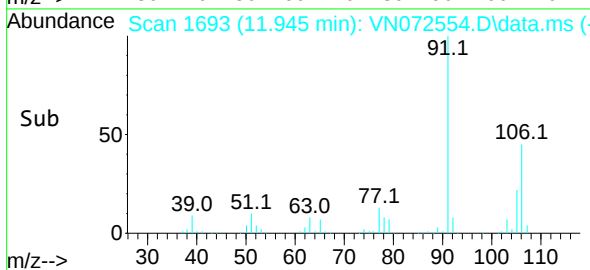
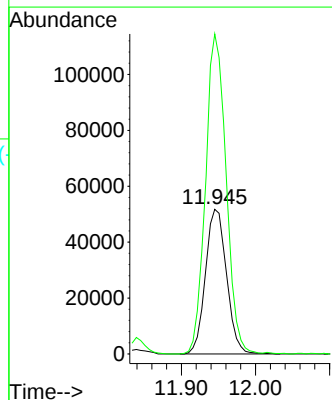
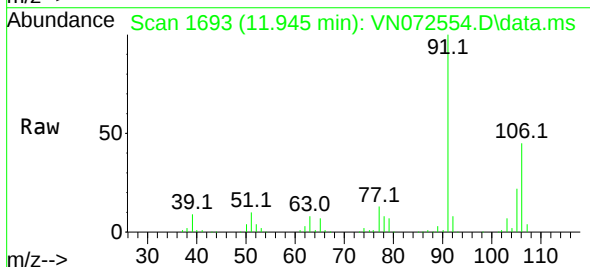
Instrument :
MSVOA_N
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GES-2DL

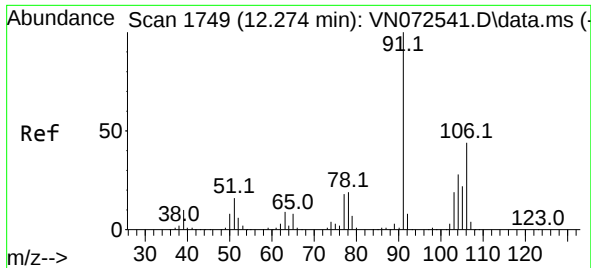
Tgt Ion: 91 Resp: 8793
Ion Ratio Lower Upper
91 100
106 26.8 24.9 37.3



#68
m/p-Xylenes
Concen: 18.921 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion:106 Resp: 102407
Ion Ratio Lower Upper
106 100
91 216.1 158.9 238.3

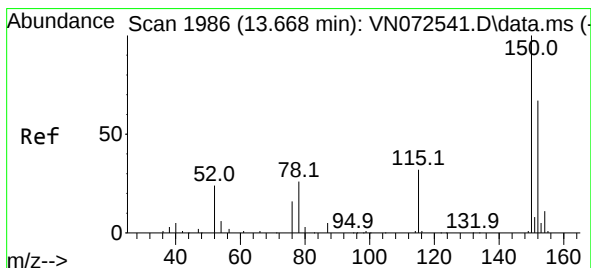
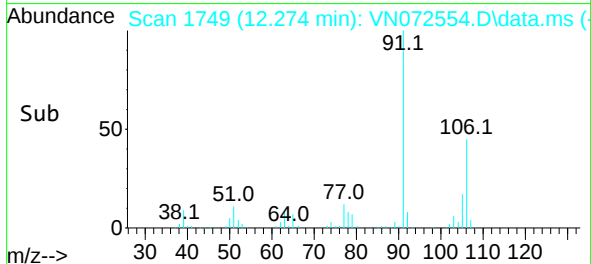
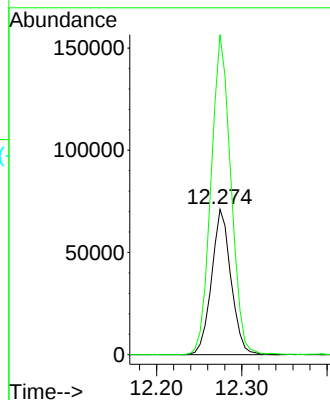
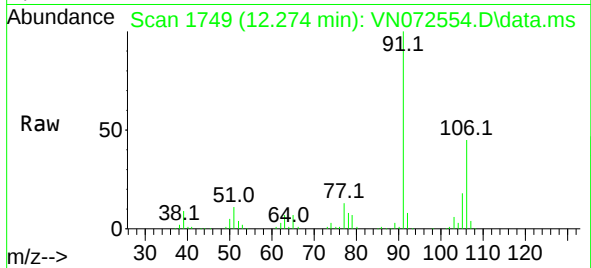




#69
o-Xylene
Concen: 20.395 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

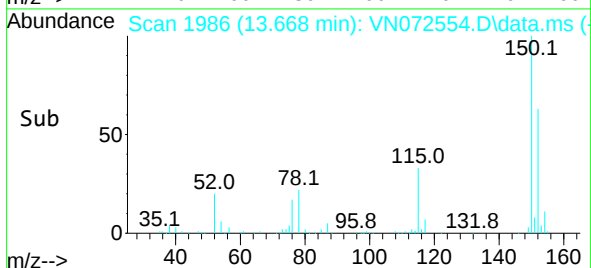
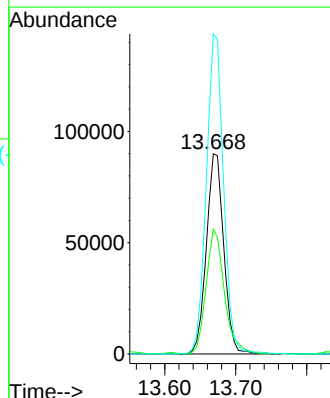
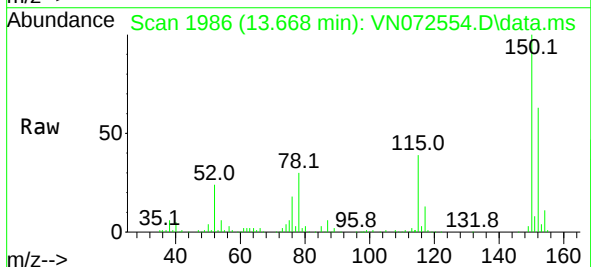
Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

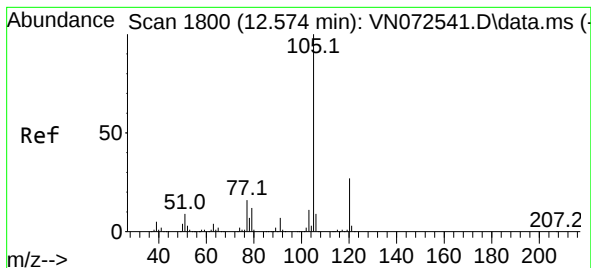
Tgt Ion:106 Resp: 112446
Ion Ratio Lower Upper
106 100
91 225.8 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion:152 Resp: 153388
Ion Ratio Lower Upper
152 100
115 65.5 28.9 86.7
150 158.3 0.0 356.2





#73

Isopropylbenzene

Concen: 1.810 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

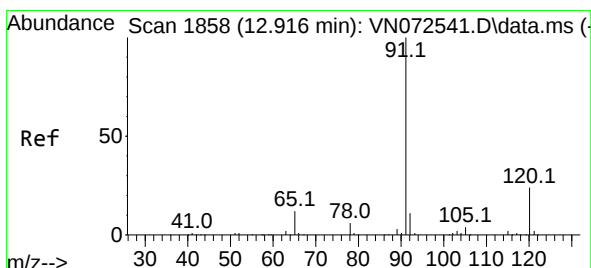
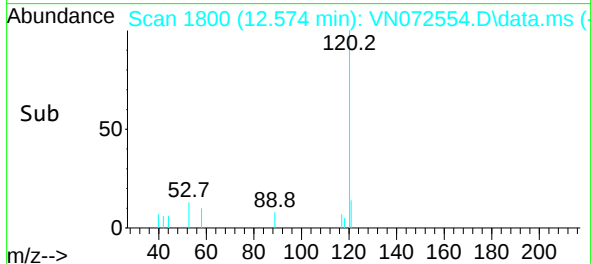
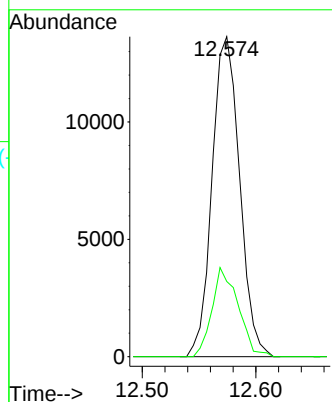
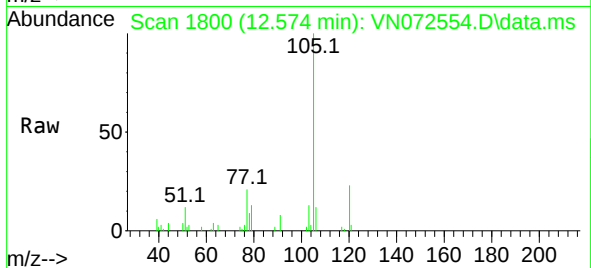
GES-2DL

Tgt Ion:105 Resp: 22959

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#78

n-propylbenzene

Concen: 1.070 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN072554.D

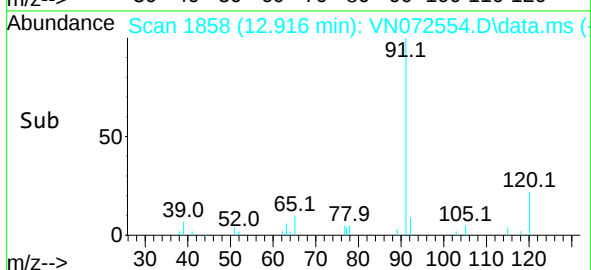
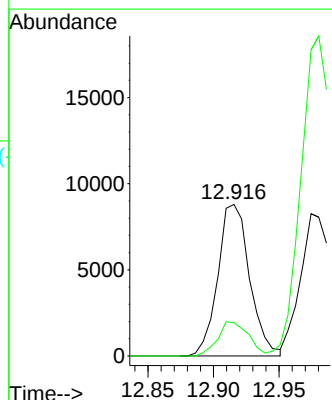
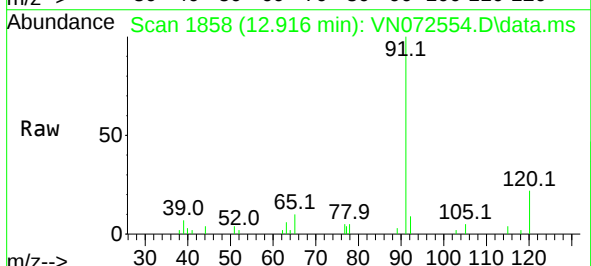
Acq: 19 May 2022 14:49

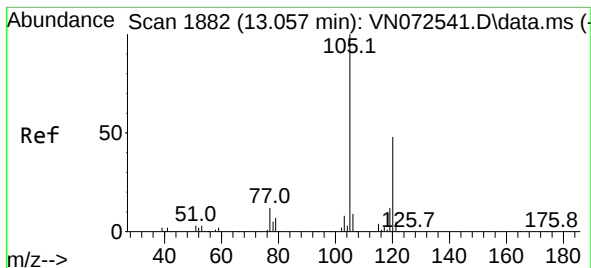
Tgt Ion: 91 Resp: 14845

Ion Ratio Lower Upper

91 100

120 21.8 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 13.471 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN072554.D

Acq: 19 May 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

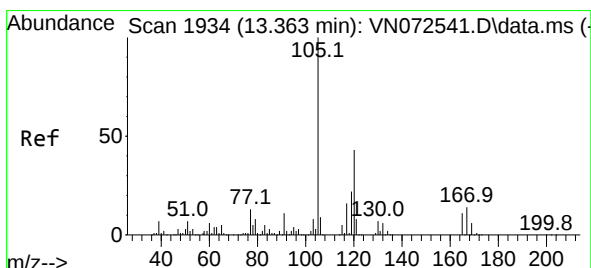
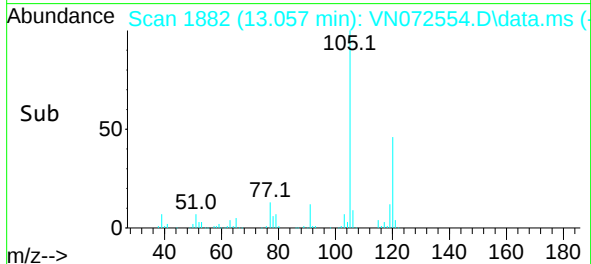
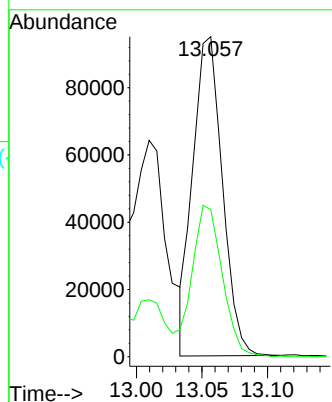
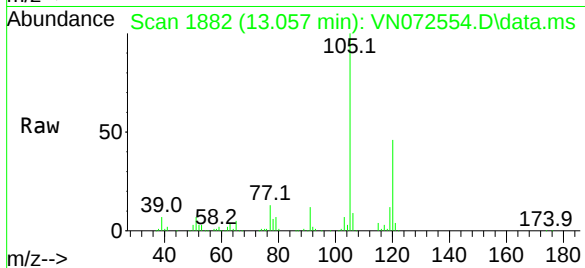
GES-2DL

Tgt Ion:105 Resp: 148158

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 38.547 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072554.D

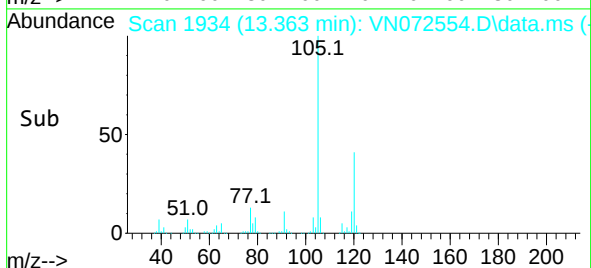
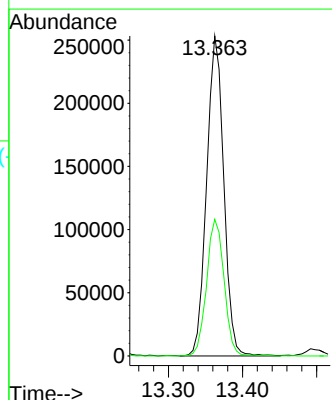
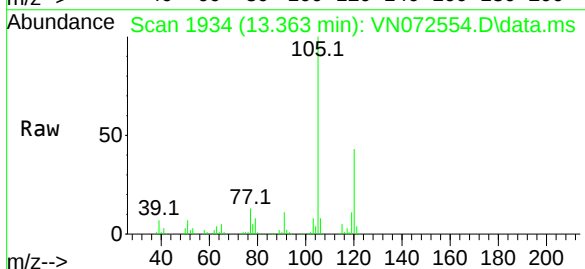
Acq: 19 May 2022 14:49

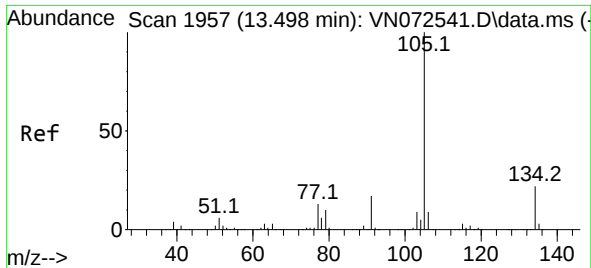
Tgt Ion:105 Resp: 406656

Ion Ratio Lower Upper

105 100

120 43.6 23.3 69.8

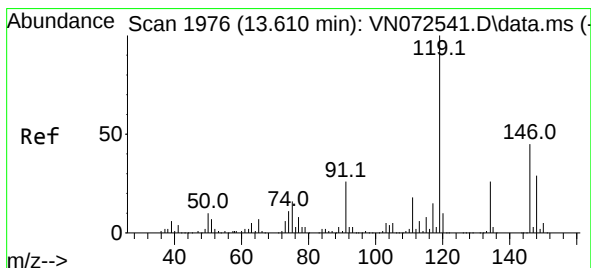
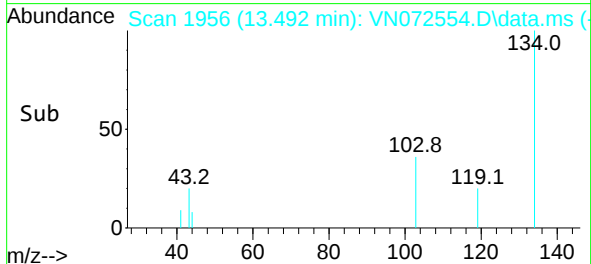
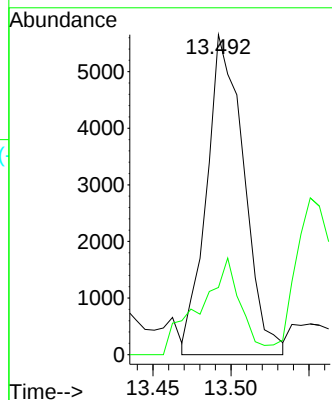
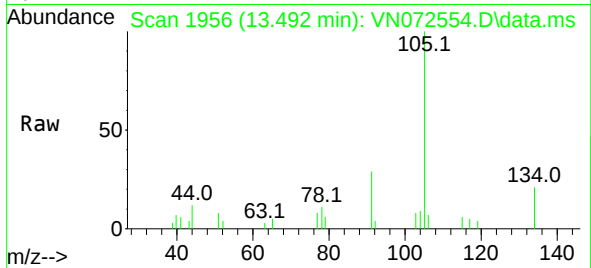




#85
 sec-Butylbenzene
 Concen: 0.774 ug/l m
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN072554.D
 Acq: 19 May 2022 14:49

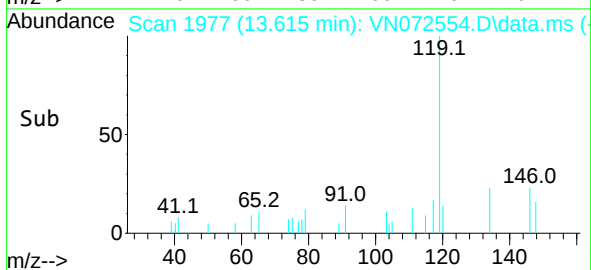
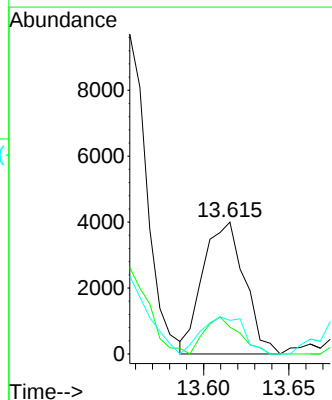
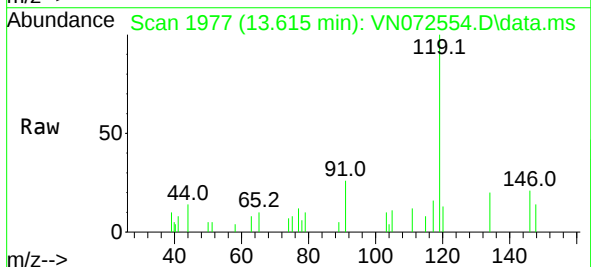
Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2DL

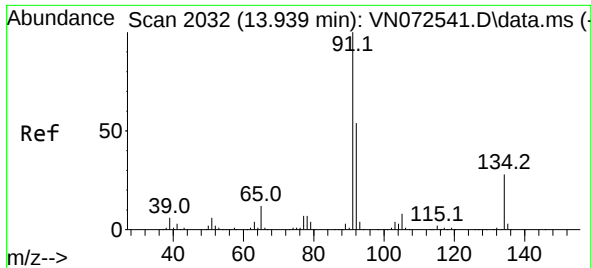
Tgt Ion:105 Resp: 9386
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.683 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.005 min
 Lab File: VN072554.D
 Acq: 19 May 2022 14:49

Tgt Ion:119 Resp: 6817
 Ion Ratio Lower Upper
 119 100
 134 23.2 13.3 39.8
 91 28.9 11.3 33.9

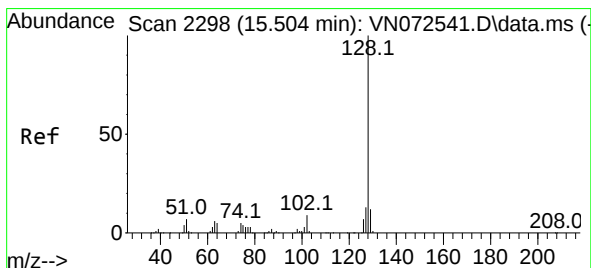
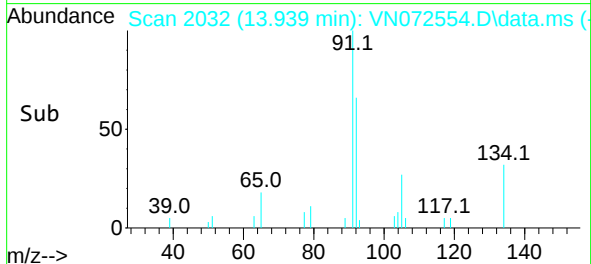
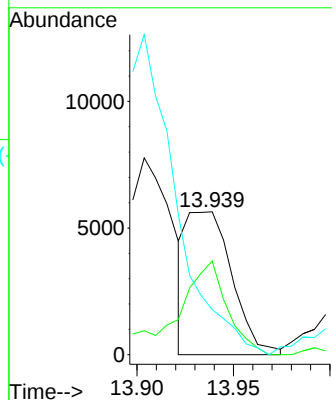
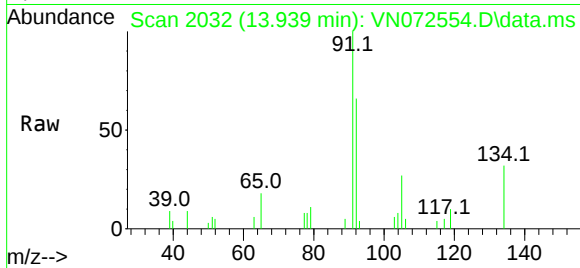




#89
n-Butylbenzene
Concen: 1.230 ug/l m
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
GES-2DL

Tgt Ion: 91 Resp: 9285
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 263.9 13.6 40.8#



#95
Naphthalene
Concen: 6.362 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN072554.D
Acq: 19 May 2022 14:49

Tgt Ion: 128 Resp: 42991
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 11.3 8.6 13.0

