

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075594.D
 Acq On : 06 Dec 2022 19:02
 Operator : JC\MD
 Sample : N5876-08 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GILL-12-02-SIL

Quant Time: Dec 07 00:19:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

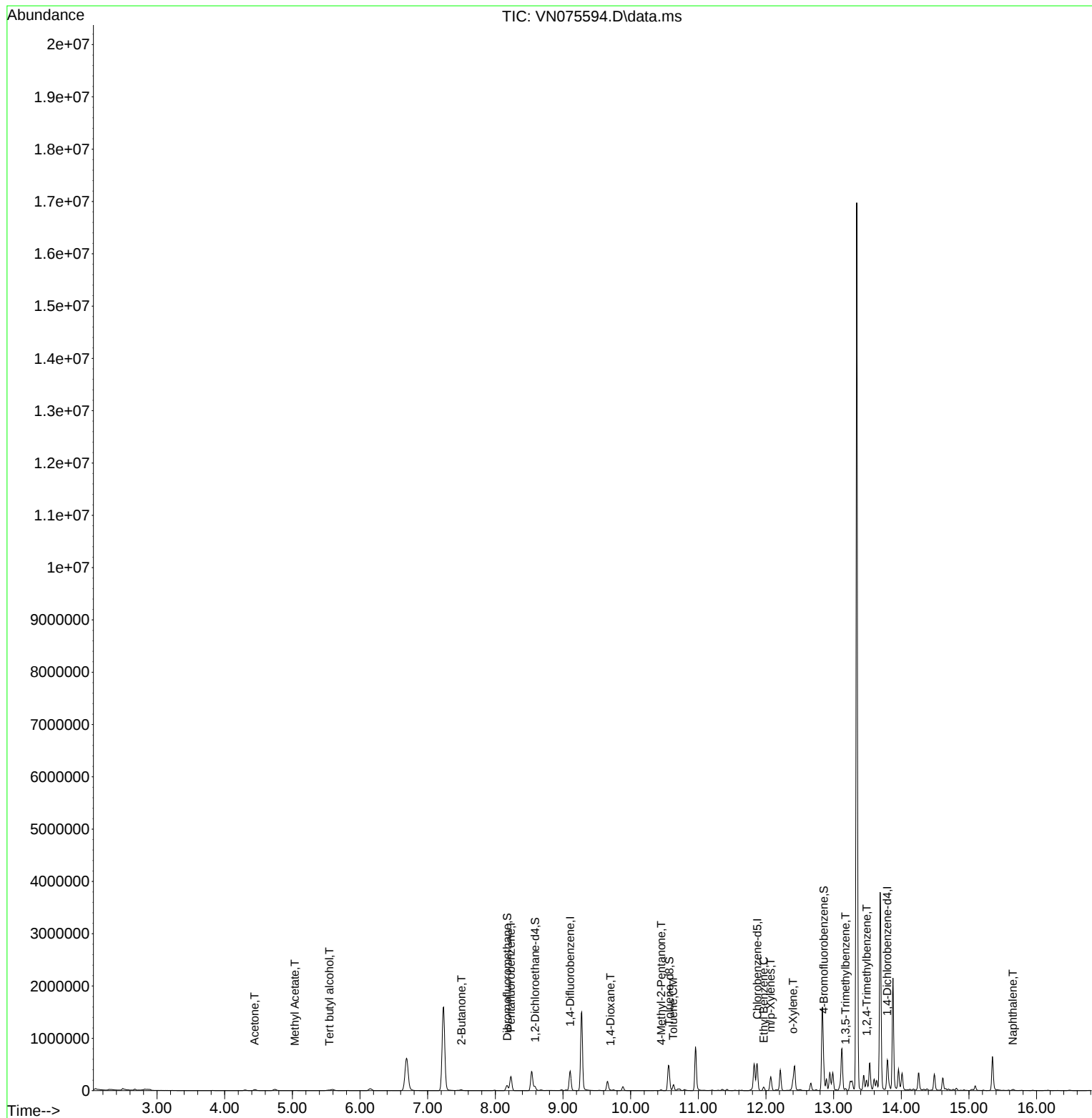
Internal Standards						
1) Pentafluorobenzene	8.230	168	212231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	321422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	55722	48.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.820%
35) Dibromofluoromethane	8.177	113	71360	52.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.120%
50) Toluene-d8	10.571	98	160145	51.872	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.853	95	125038	54.871	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.547	59	23093	48.288	ug/l	97
16) Acetone	4.442	43	40946	38.533	ug/l	92
18) Methyl Acetate	5.036	43	7927	1.708	ug/l	96
25) 2-Butanone	7.500	43	22214	14.974	ug/l	99
49) 1,4-Dioxane	9.700	88	6804	119.943	ug/l #	28
51) 4-Methyl-2-Pentanone	10.453	43	11494	4.177	ug/l	95
52) Toluene	10.629	92	48833	8.280	ug/l	96
67) Ethyl Benzene	11.965	91	49085	4.334	ug/l #	86
68) m/p-Xylenes	12.071	106	88616	19.269	ug/l	99
69) o-Xylene	12.400	106	55099	12.059	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	19150	1.955	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	102844	10.467	ug/l	97
95) Naphthalene	15.647	128	14073	1.624	ug/l #	94

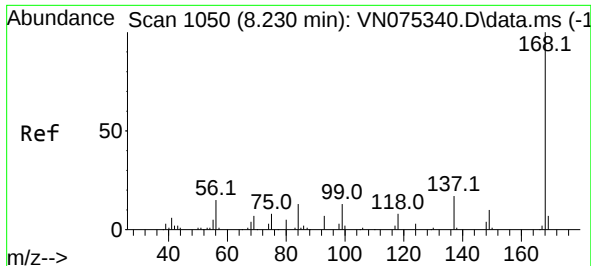
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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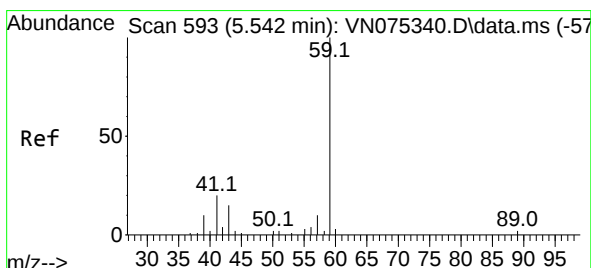
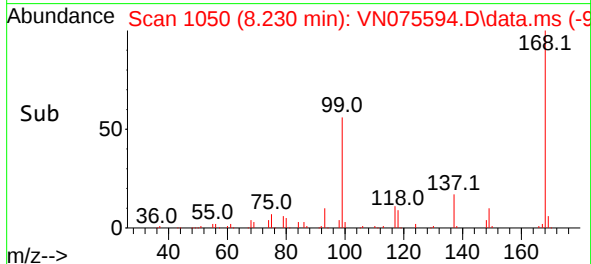
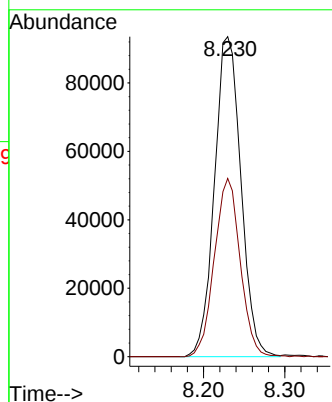
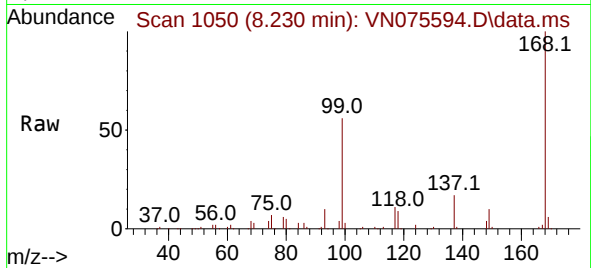




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

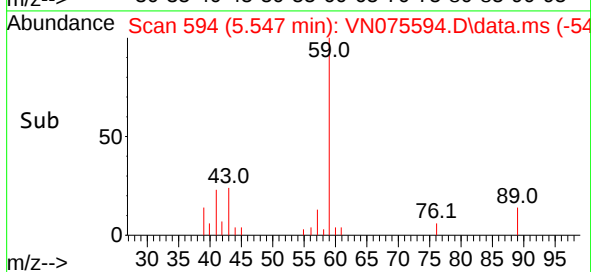
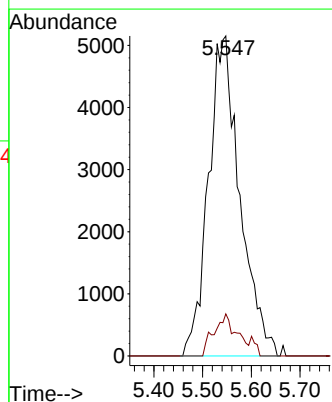
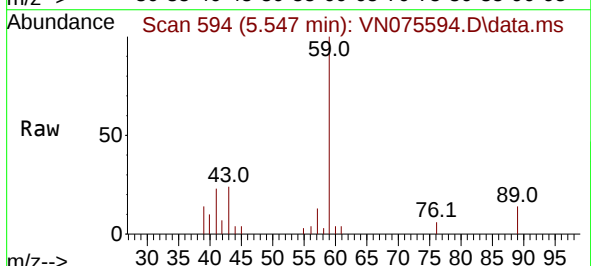
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL

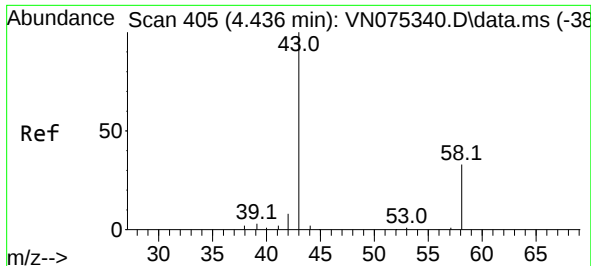
Tgt Ion:168 Resp: 212231
Ion Ratio Lower Upper
168 100
99 55.7 51.6 77.4



#11
Tert butyl alcohol
Concen: 48.288 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.005 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

Tgt Ion: 59 Resp: 23093
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

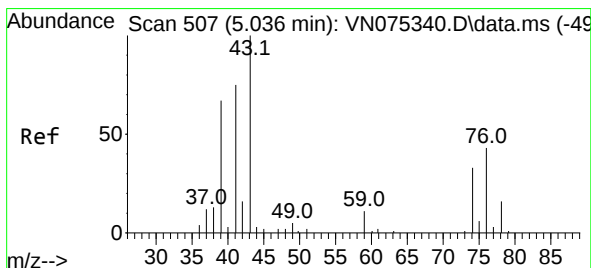
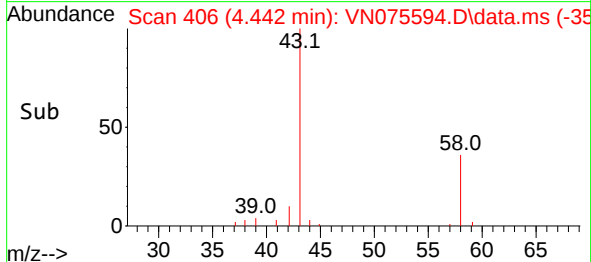
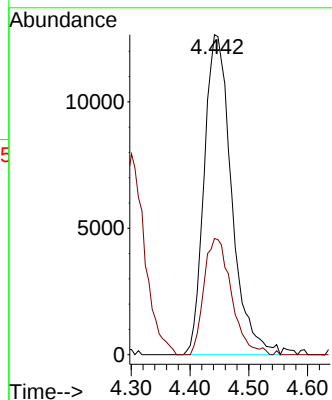
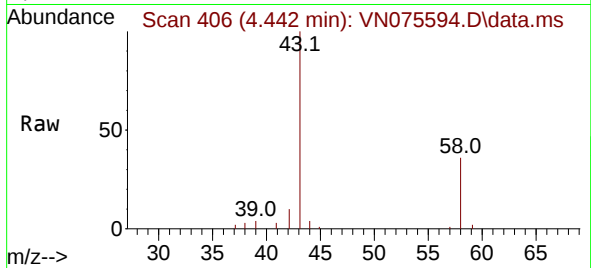




#16
Acetone
Concen: 38.533 ug/l
RT: 4.442 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

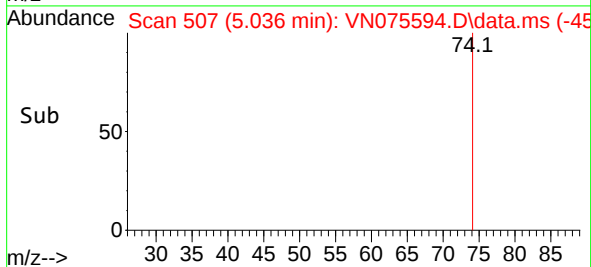
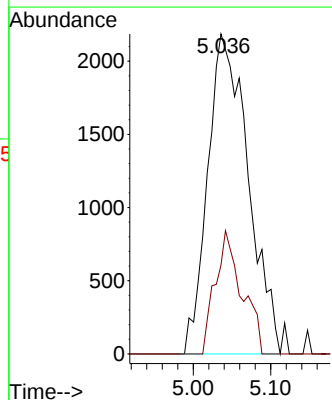
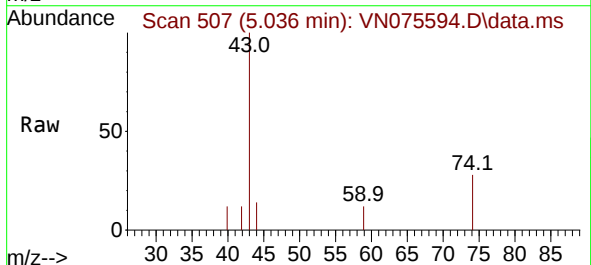
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL

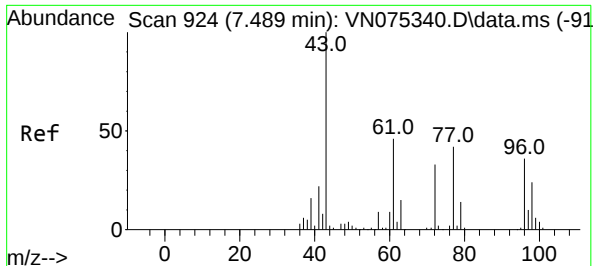
Tgt Ion: 43 Resp: 40946
Ion Ratio Lower Upper
43 100
58 36.3 25.5 38.3



#18
Methyl Acetate
Concen: 1.708 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

Tgt Ion: 43 Resp: 7927
Ion Ratio Lower Upper
43 100
74 25.4 22.0 33.0

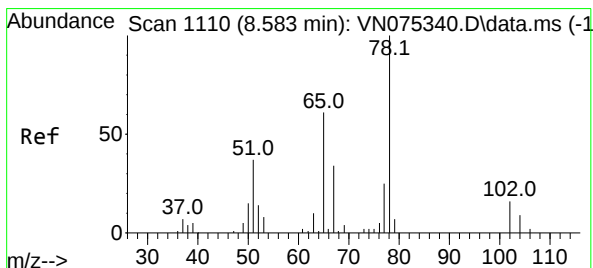
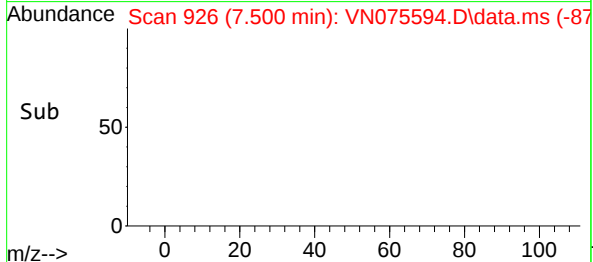
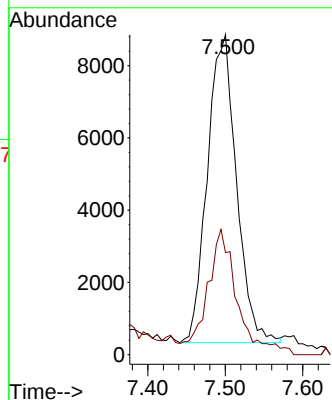
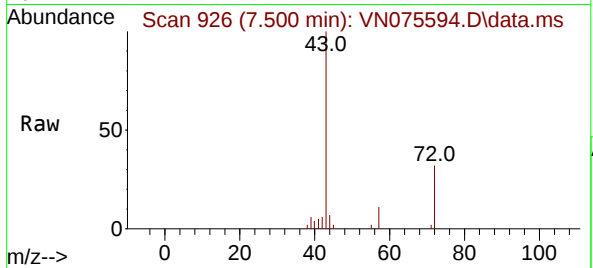




#25
2-Butanone
Concen: 14.974 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

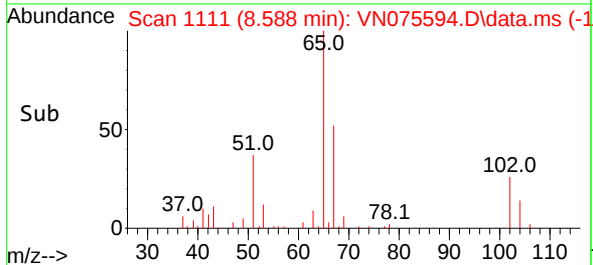
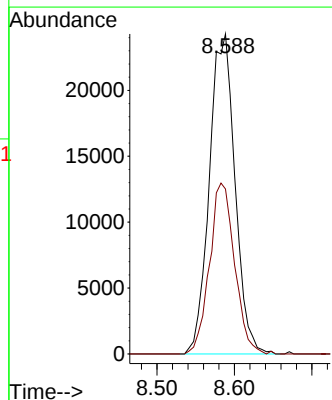
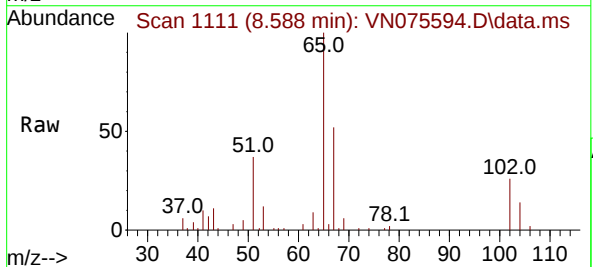
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL

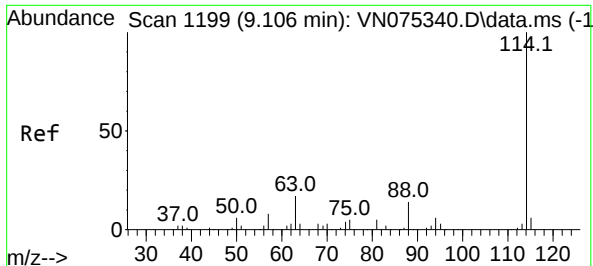
Tgt Ion: 43 Resp: 22214
Ion Ratio Lower Upper
43 100
72 31.1 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 48.912 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

Tgt Ion: 65 Resp: 55722
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075594.D

Acq: 06 Dec 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

GILL-12-02-SIL

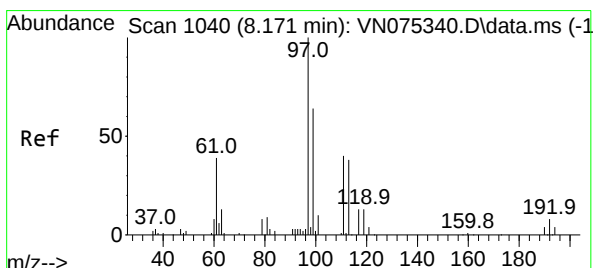
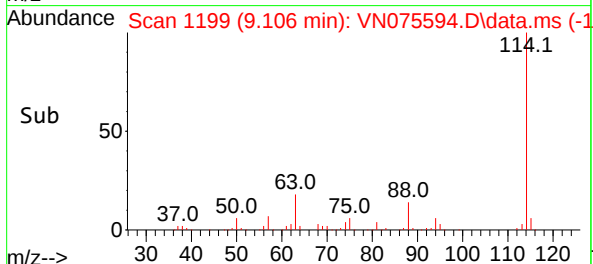
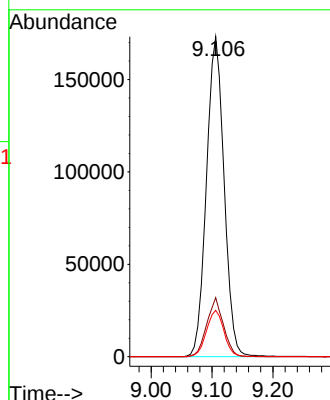
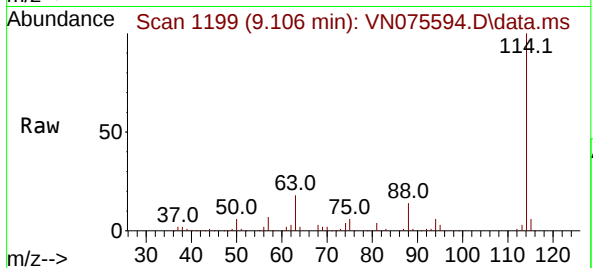
Tgt Ion:114 Resp: 348941

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.059 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075594.D

Acq: 06 Dec 2022 19:02

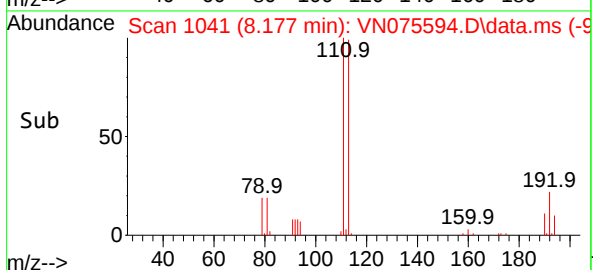
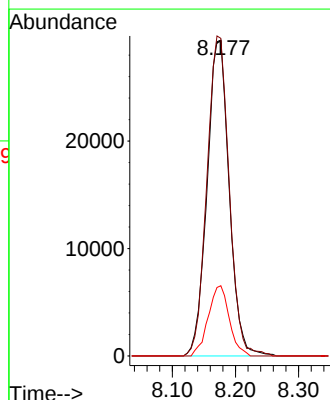
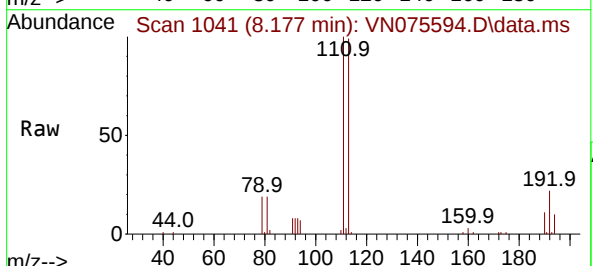
Tgt Ion:113 Resp: 71360

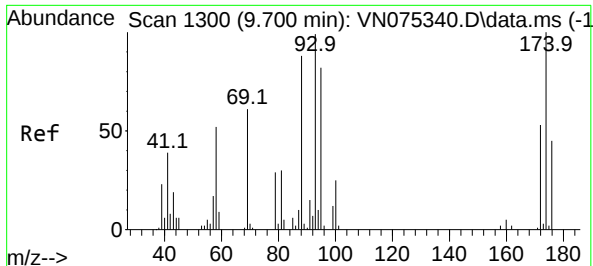
Ion Ratio Lower Upper

113 100

111 101.9 80.5 120.7

192 21.2 13.2 19.8#





#49

1,4-Dioxane

Concen: 119.943 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075594.D

Acq: 06 Dec 2022 19:02

Instrument :

MSVOA_N

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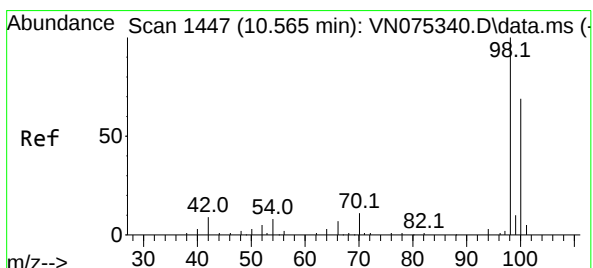
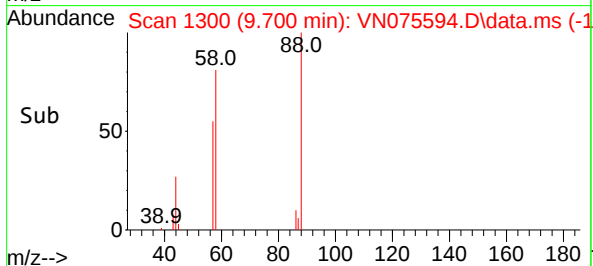
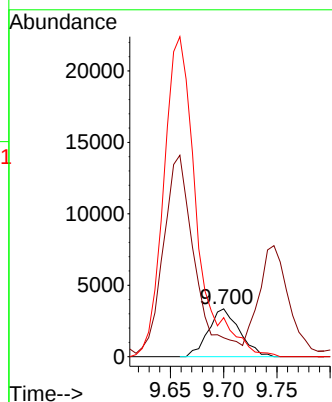
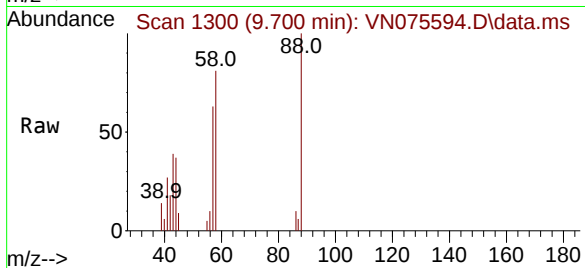
Tgt Ion: 88 Resp: 6804

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3#

58 0.0 49.8 74.8#



#50

Toluene-d8

Concen: 51.872 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075594.D

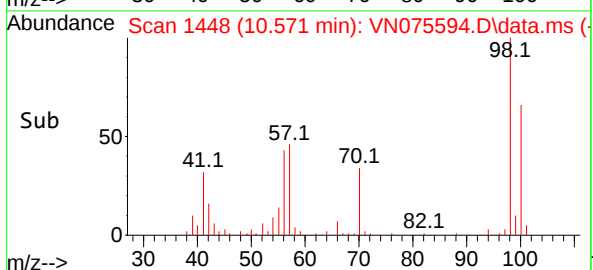
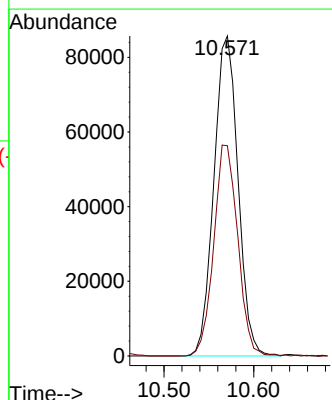
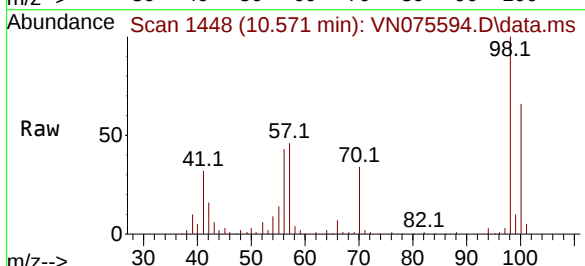
Acq: 06 Dec 2022 19:02

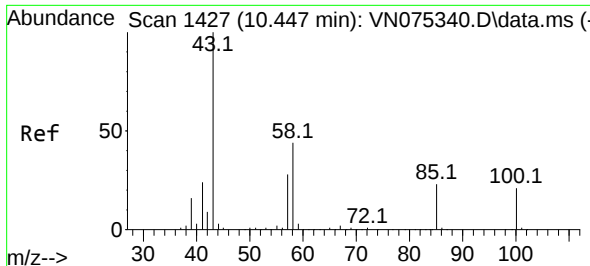
Tgt Ion: 98 Resp: 160145

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6

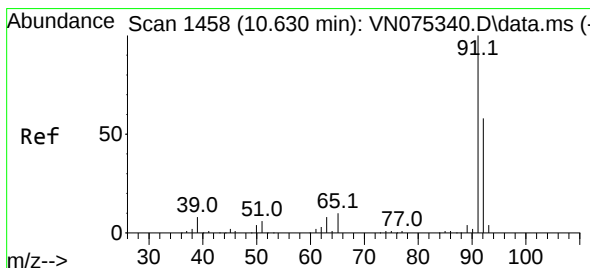
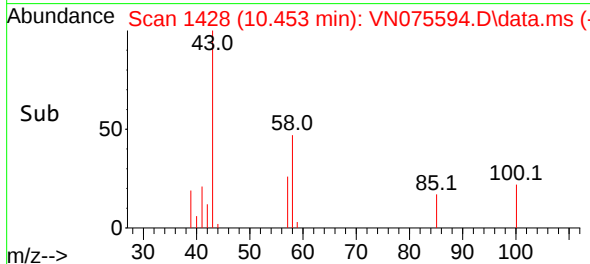
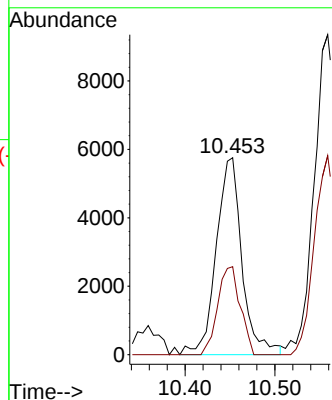
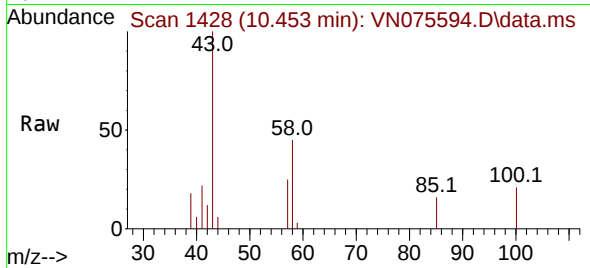




#51
4-Methyl-2-Pentanone
Concen: 4.177 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

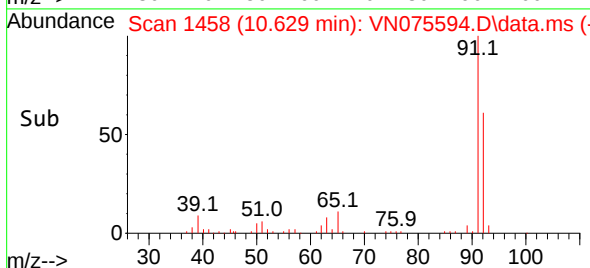
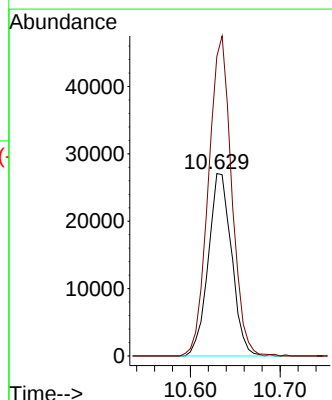
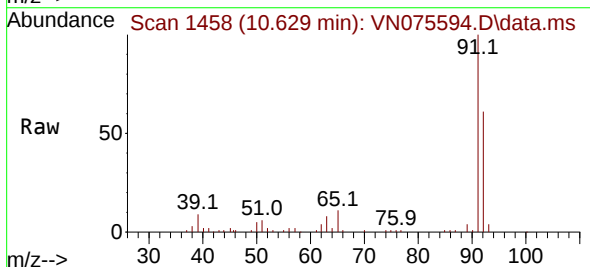
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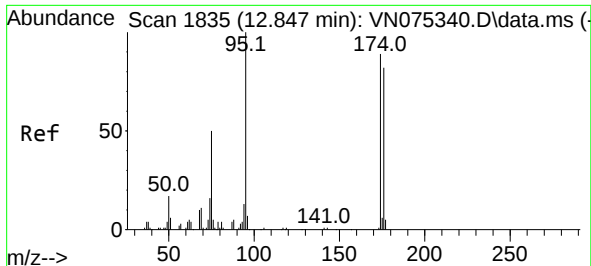
Tgt Ion: 43 Resp: 11494
Ion Ratio Lower Upper
43 100
58 39.0 33.6 50.4



#52
Toluene
Concen: 8.280 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

Tgt Ion: 92 Resp: 48833
Ion Ratio Lower Upper
92 100
91 174.8 135.4 203.2

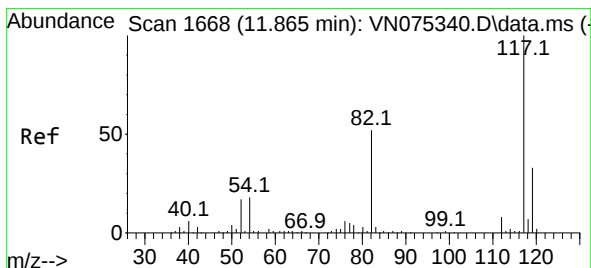
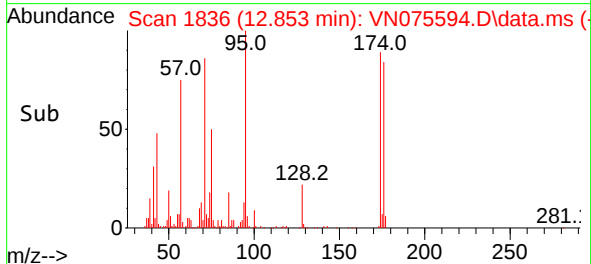
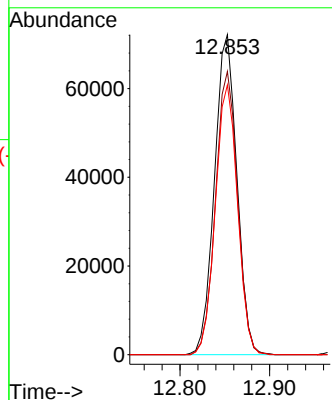
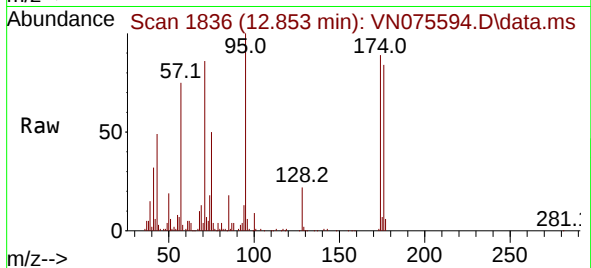




#62
4-Bromofluorobenzene
Concen: 54.871 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

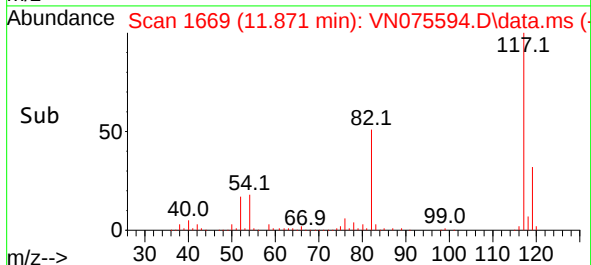
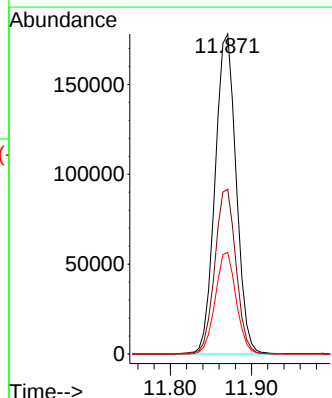
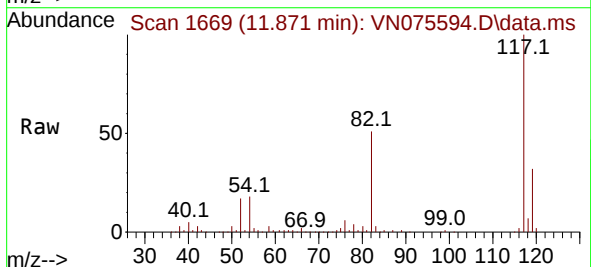
Instrument :
MSVOA_N
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GILL-12-02-SIL

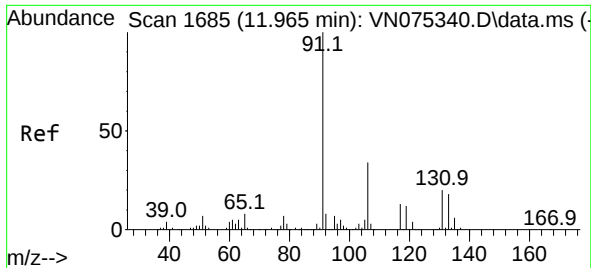
Tgt Ion: 95 Resp: 125038
Ion Ratio Lower Upper
95 100
174 87.2 0.0 147.4
176 83.3 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

Tgt Ion: 117 Resp: 321422
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 31.7 25.5 38.3





#67

Ethyl Benzene

Concen: 4.334 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075594.D

Acq: 06 Dec 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

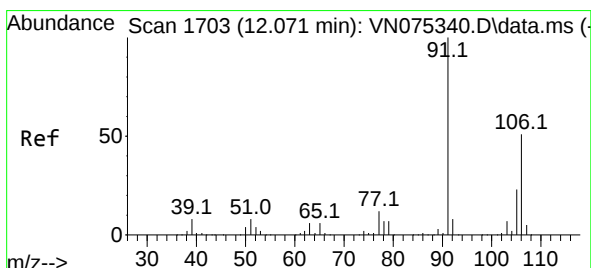
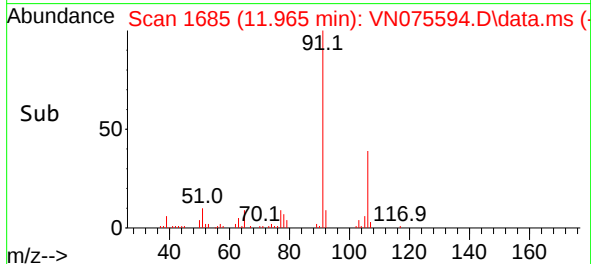
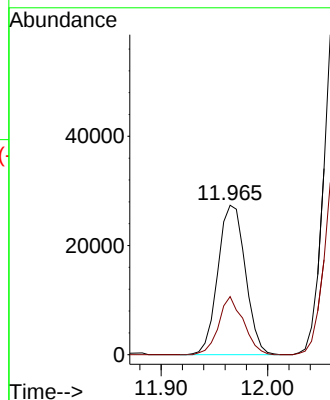
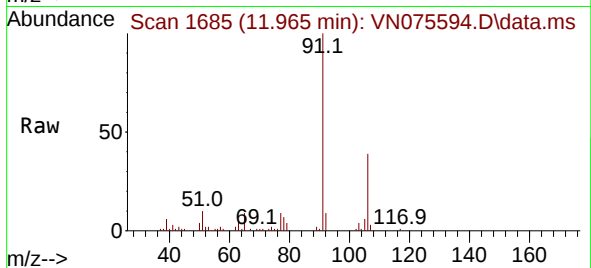
GILL-12-02-SIL

Tgt Ion: 91 Resp: 49085

Ion Ratio Lower Upper

91 100

106 38.8 24.9 37.3#



#68

m/p-Xylenes

Concen: 19.269 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN075594.D

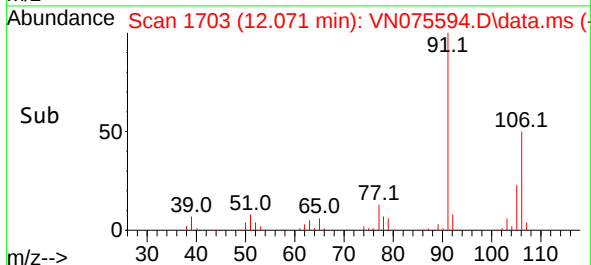
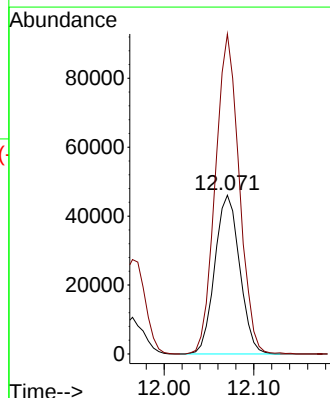
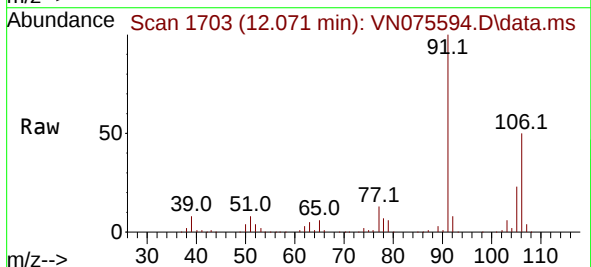
Acq: 06 Dec 2022 19:02

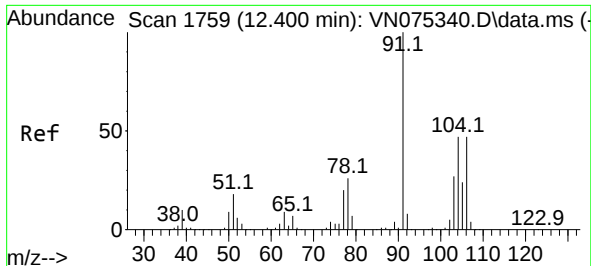
Tgt Ion: 106 Resp: 88616

Ion Ratio Lower Upper

106 100

91 193.7 156.0 234.0

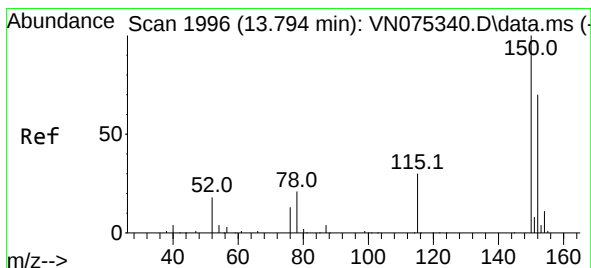
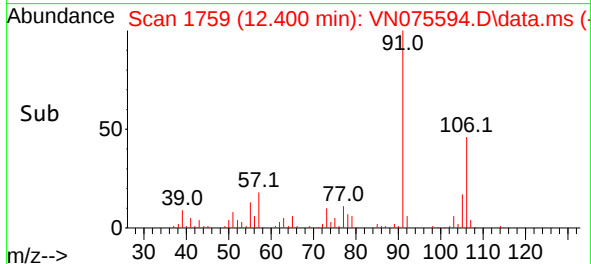
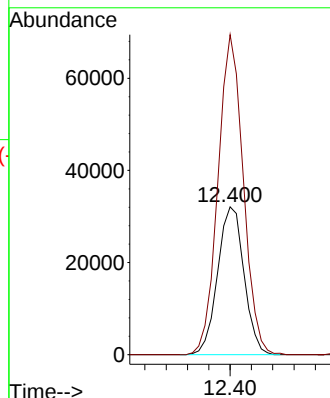
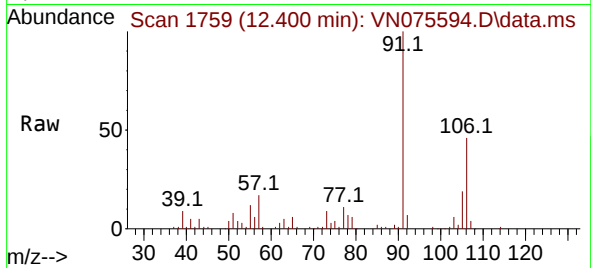




#69
o-Xylene
Concen: 12.059 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

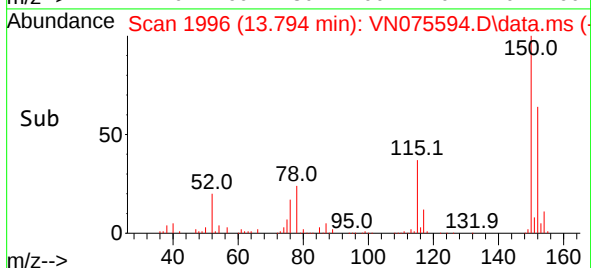
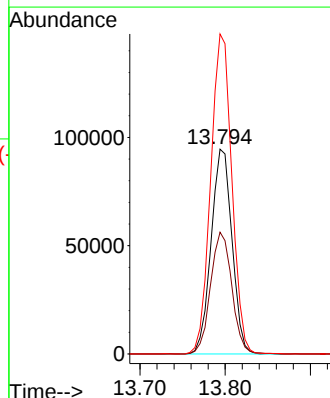
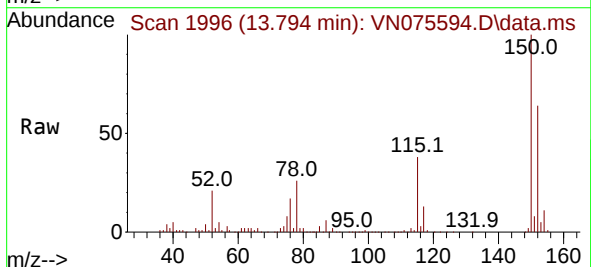
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL

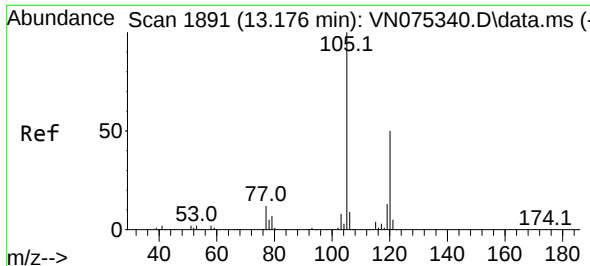
Tgt Ion:106 Resp: 55099
Ion Ratio Lower Upper
106 100
91 207.9 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075594.D
Acq: 06 Dec 2022 19:02

Tgt Ion:152 Resp: 161373
Ion Ratio Lower Upper
152 100
115 60.6 30.2 90.6
150 158.0 0.0 348.4

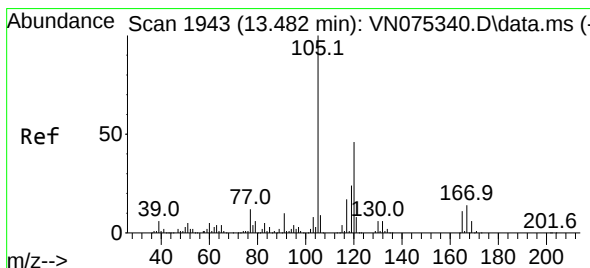
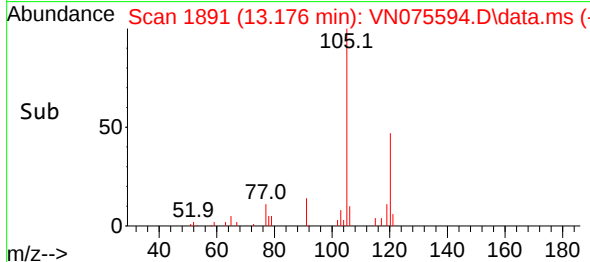
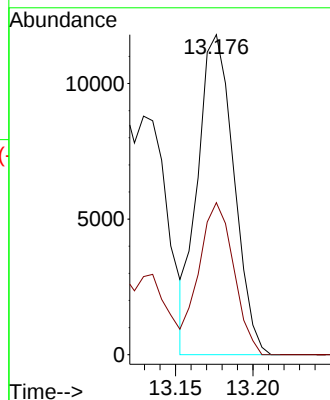
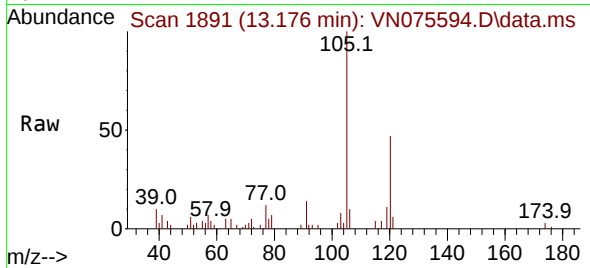




#80
 1,3,5-Trimethylbenzene
 Concen: 1.955 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075594.D
 Acq: 06 Dec 2022 19:02

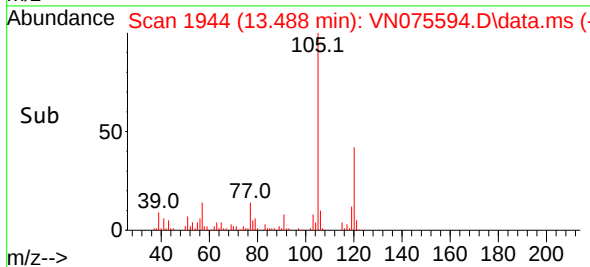
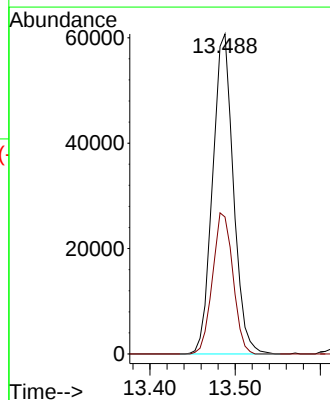
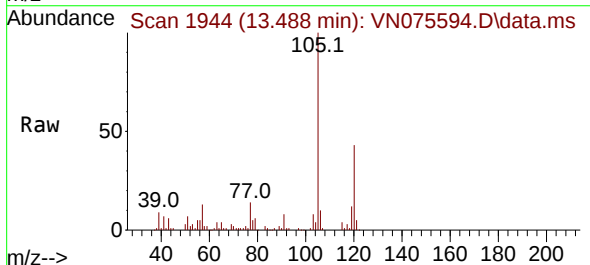
Instrument :
 MSVOA_N
 ClientSampleId :
 GILL-12-02-SIL

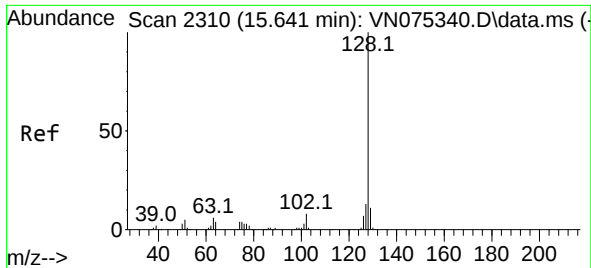
Tgt Ion:105 Resp: 19150
 Ion Ratio Lower Upper
 105 100
 120 45.8 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 10.467 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075594.D
 Acq: 06 Dec 2022 19:02

Tgt Ion:105 Resp: 102844
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.7 68.1





#95

Naphthalene

Concen: 1.624 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075594.D

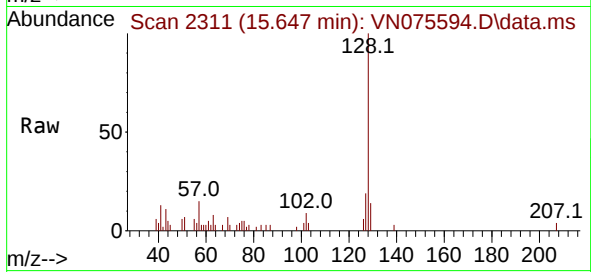
Acq: 06 Dec 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

GILL-12-02-SIL



Tgt Ion:128 Resp: 14073

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 15.1 8.6 12.8#

