

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072487.D
 Acq On : 13 May 2022 19:14
 Operator : JC\MD
 Sample : N2800-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 14 02:38:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	296001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	440566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	384994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	173959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	216174	47.681	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.360%		
35) Dibromofluoromethane	8.022	113	146101	49.846	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.700%		
50) Toluene-d8	10.439	98	558644	50.044	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.727	95	196977	53.132	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.260%		
Target Compounds					Qvalue	
25) 2-Butanone	7.333	43	11475	4.049	ug/l	90
31) Cyclohexane	8.092	56	122971	20.470	ug/l #	87
39) Methylcyclohexane	9.457	83	111543	23.575	ug/l	93
51) 4-Methyl-2-Pentanone	10.327	43	3203	0.665	ug/l	97
52) Toluene	10.504	92	4132	0.533	ug/l	80
67) Ethyl Benzene	11.839	91	35476	2.614	ug/l	95
68) m/p-Xylenes	11.945	106	482272	93.696	ug/l	92
69) o-Xylene	12.274	106	519368	102.697	ug/l	91
73) Isopropylbenzene	12.574	105	105842	7.344	ug/l	100
78) n-propylbenzene	12.915	91	59099	3.832	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	698089	59.146	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	1851361	161.247	ug/l	96
85) sec-Butylbenzene	13.498	105	38309m	2.780	ug/l	
86) p-Isopropyltoluene	13.610	119	24793	2.310	ug/l	97
89) n-Butylbenzene	13.939	91	35763m	4.359	ug/l	
95) Naphthalene	15.498	128	246157	30.902	ug/l	99

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

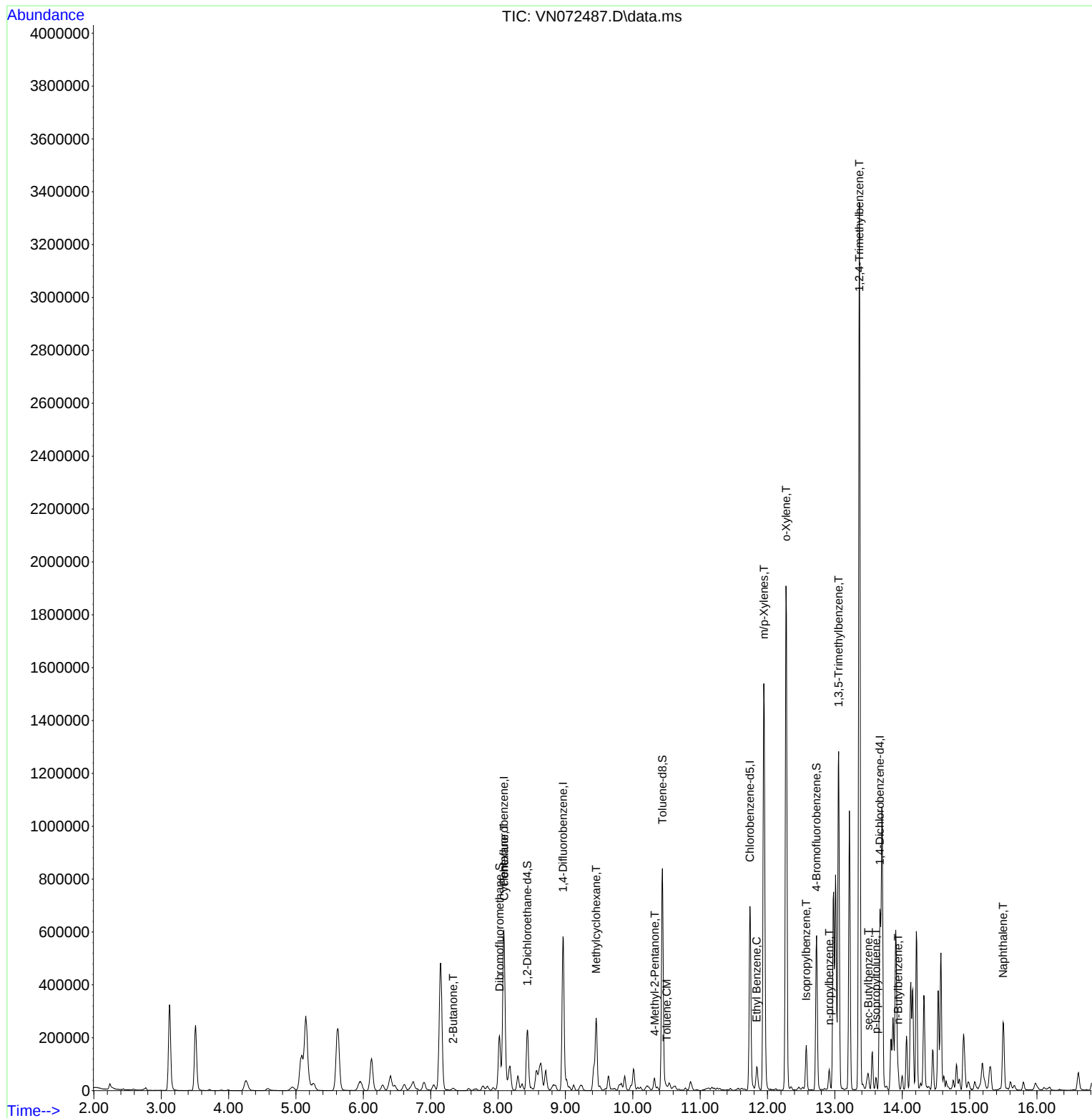
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
Data File : VN072487.D
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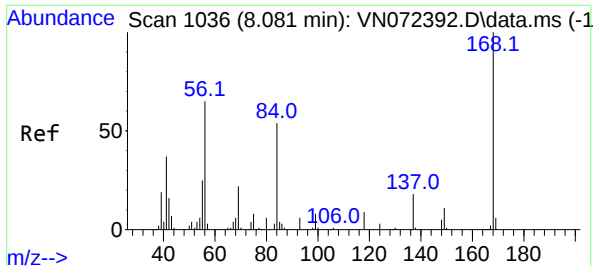
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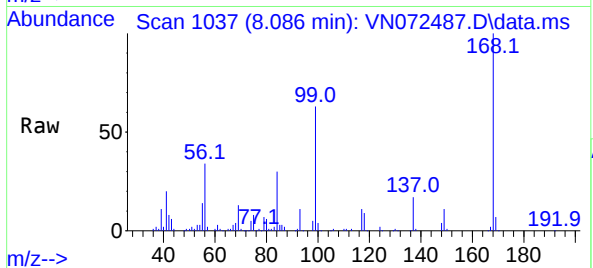
Quant Time: May 14 02:38:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

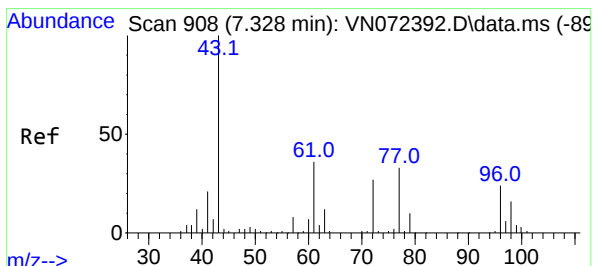
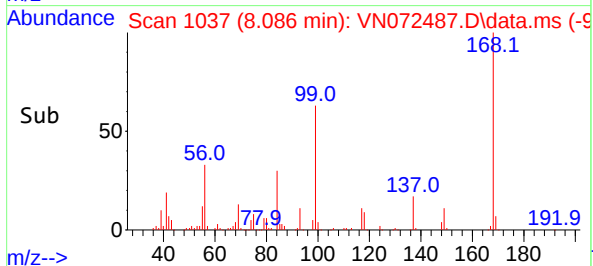
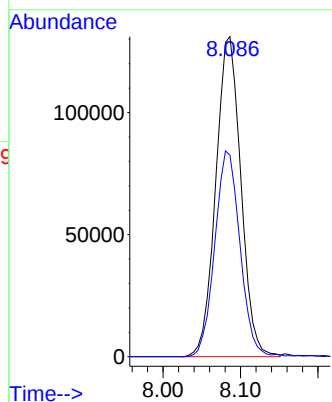
Instrument :
MSVOA_N
ClientSampleId :
GES-2



Tgt Ion:168 Resp: 29600
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5

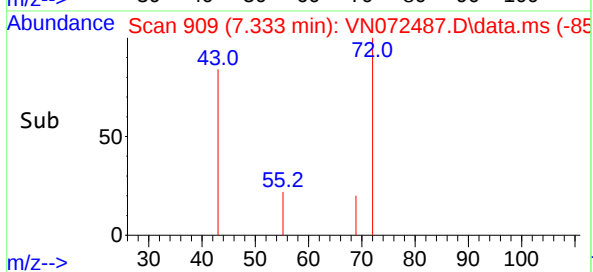
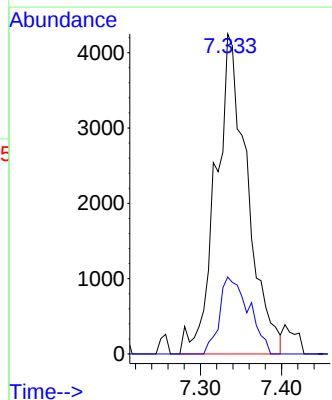
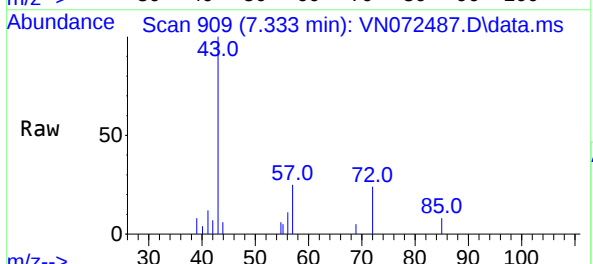
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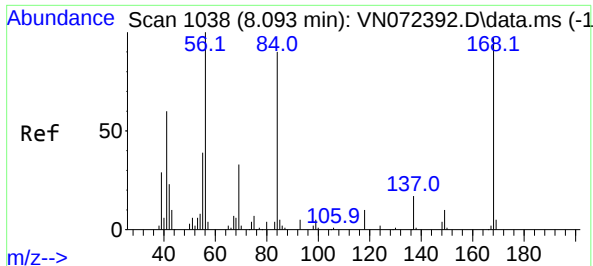
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#25
2-Butanone
Concen: 4.049 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

Tgt Ion: 43 Resp: 11475
Ion Ratio Lower Upper
43 100
72 24.1 23.7 35.5





#31

Cyclohexane

Concen: 20.470 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.001 min

Lab File: VN072487.D

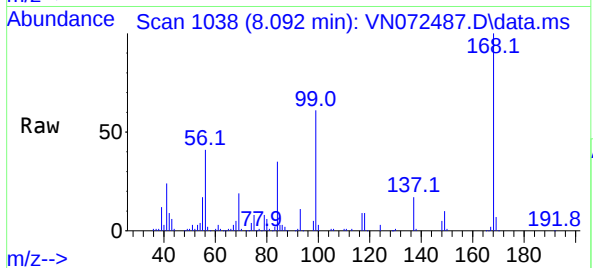
Acq: 13 May 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

GES-2



Tgt Ion: 56 Resp: 12297

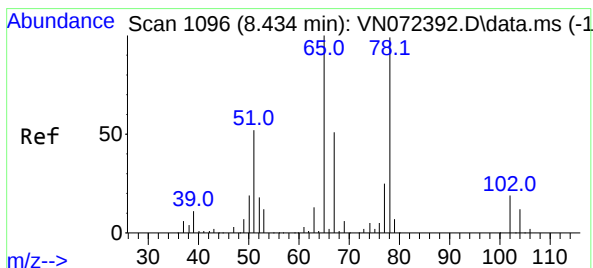
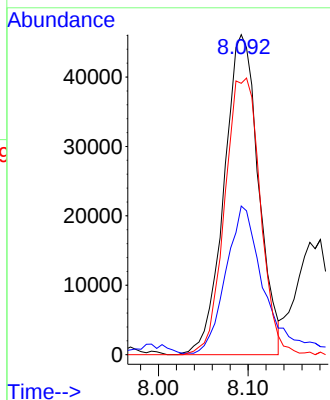
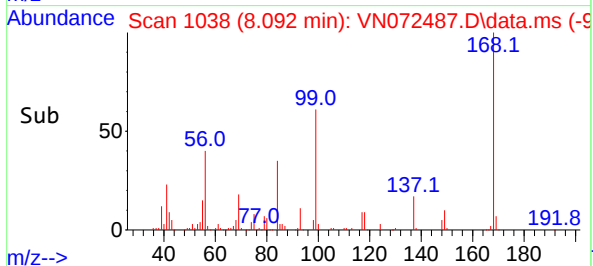
Ion	Ratio	Lower	Upper
56	100		
69	45.6	27.8	41.8
84	84.8	76.9	115.3

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#33

1,2-Dichloroethane-d4

Concen: 47.681 ug/l

RT: 8.433 min Scan# 1096

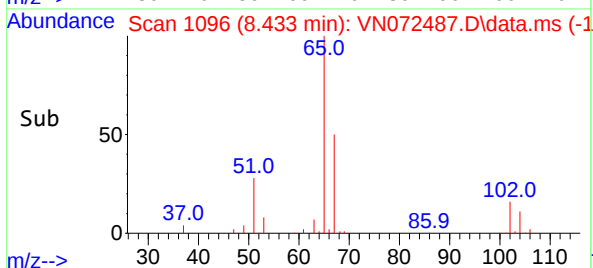
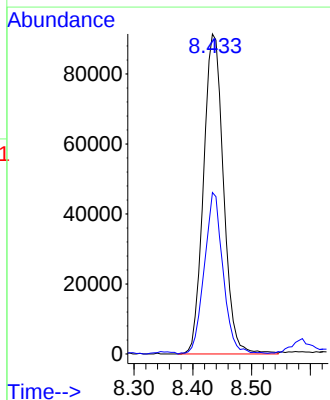
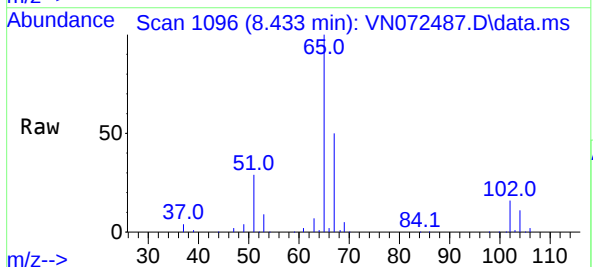
Delta R.T. -0.001 min

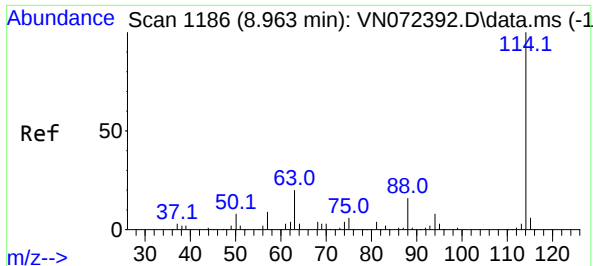
Lab File: VN072487.D

Acq: 13 May 2022 19:14

Tgt Ion: 65 Resp: 216174

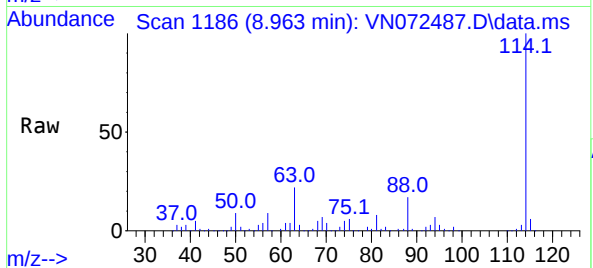
Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

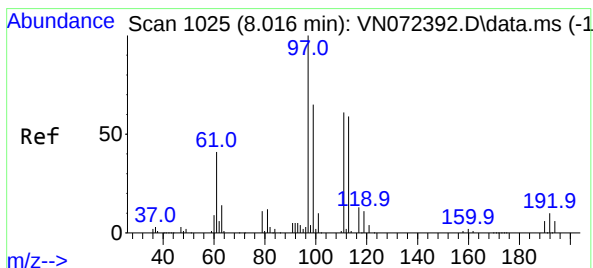
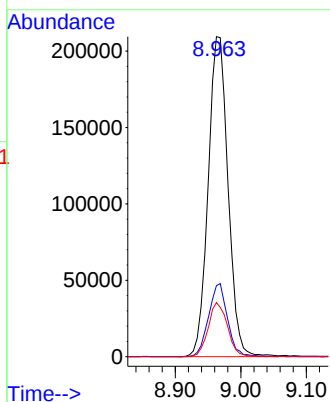
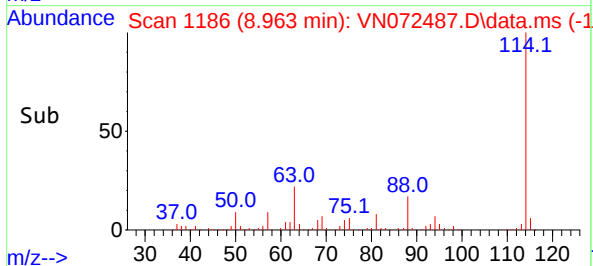
Instrument :
MSVOA_N
ClientSampleId :
GES-2



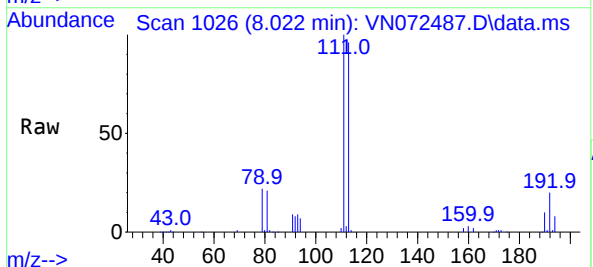
Tgt Ion:114 Resp: 440560
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 16.9 0.0 32.6

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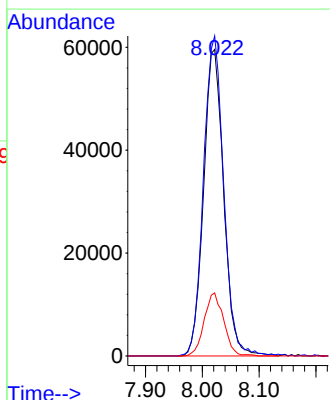
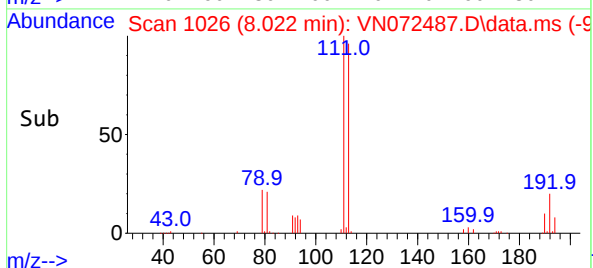
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

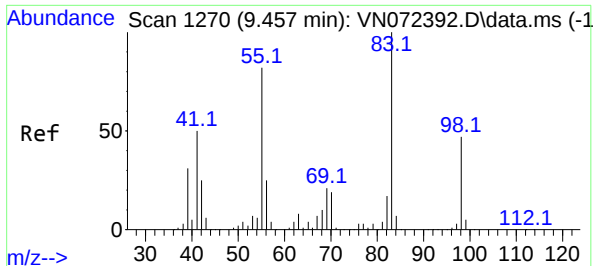


#35
Dibromofluoromethane
Concen: 49.846 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072487.D
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Tgt Ion:113 Resp: 146101
Ion Ratio Lower Upper
113 100
111 105.2 81.4 122.0
192 20.0 17.0 25.6





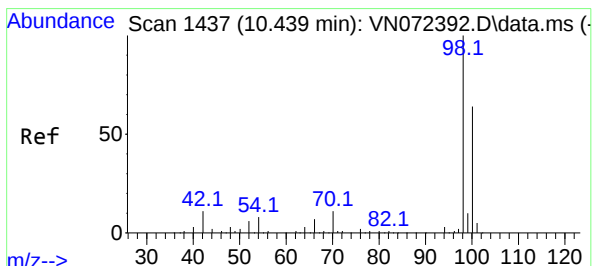
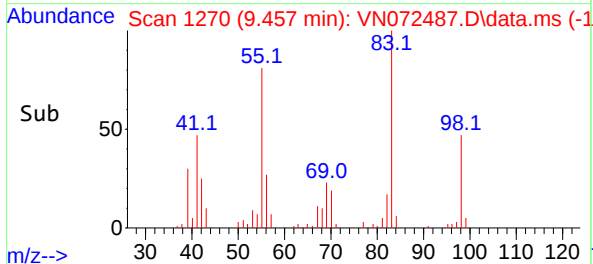
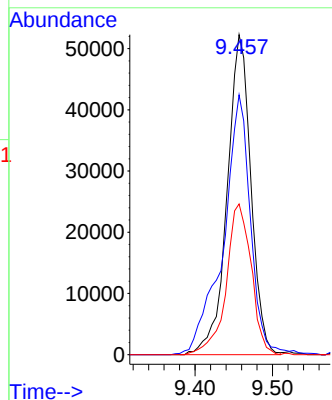
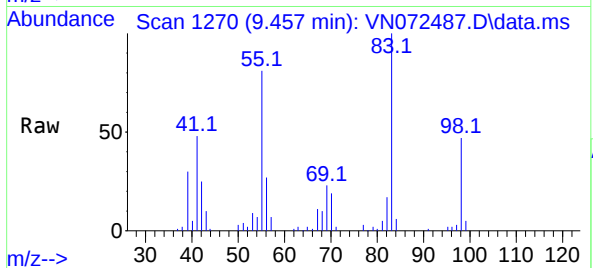
#39
Methylcyclohexane
Concen: 23.575 ug/l
RT: 9.457 min Scan# 11154
Delta R.T. -0.000 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
GES-2

Tgt Ion: 83 Resp: 11154
Ion Ratio Lower Upper
83 100
55 80.8 57.8 86.8
98 47.1 39.4 59.2

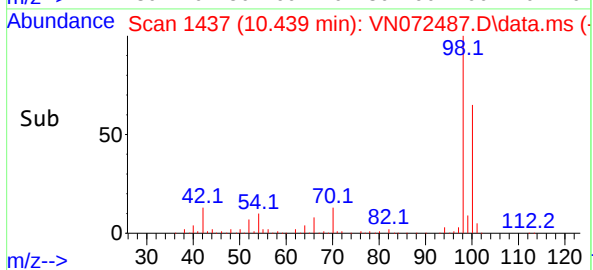
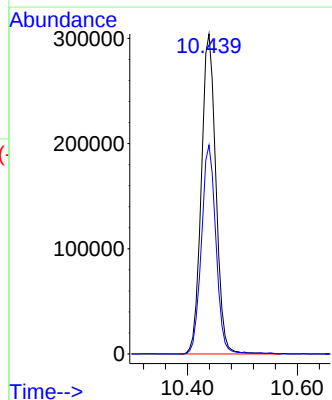
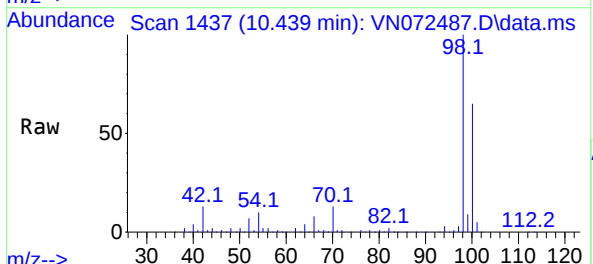
Manual Integrations
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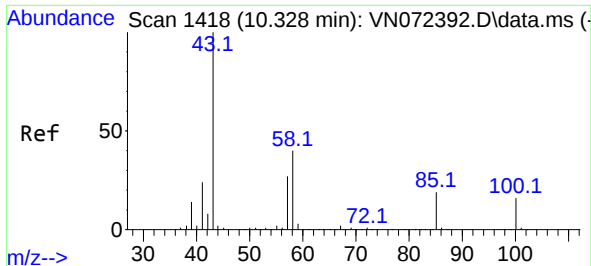
Reviewed By :John Carlone 05/16/2022
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#50
Toluene-d8
Concen: 50.044 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

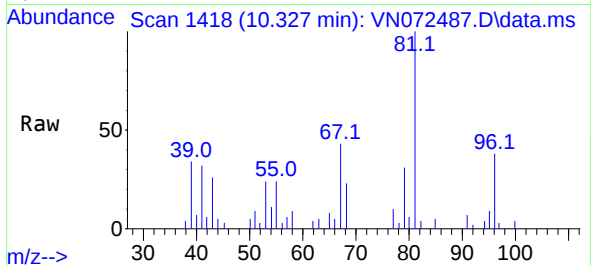
Tgt Ion: 98 Resp: 558644
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

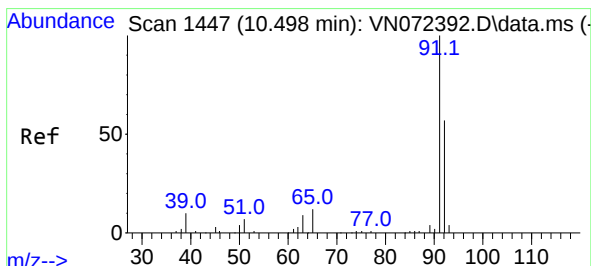
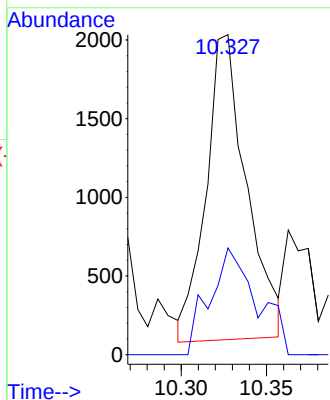
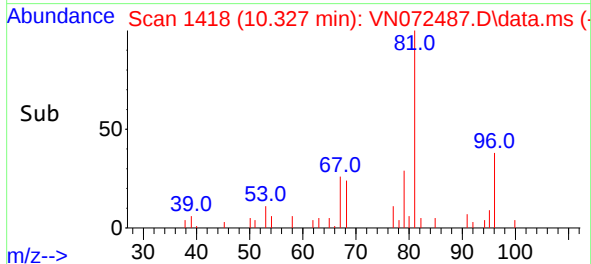
Instrument :
MSVOA_N
ClientSampleId :
GES-2



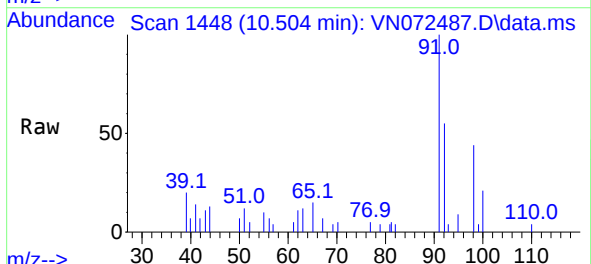
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 40.8 34.1 51.1

Manual Integrations
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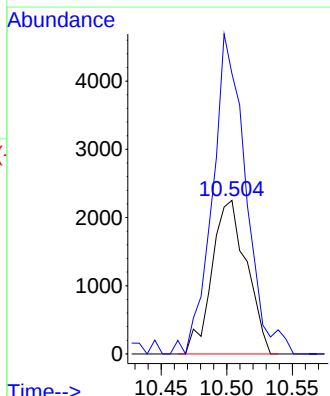
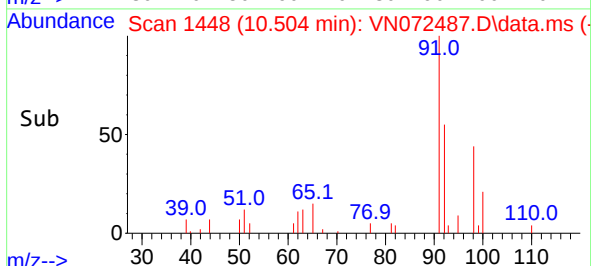
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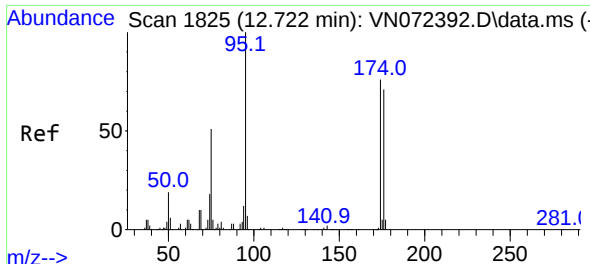


#52
Toluene
Concen: 0.533 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14



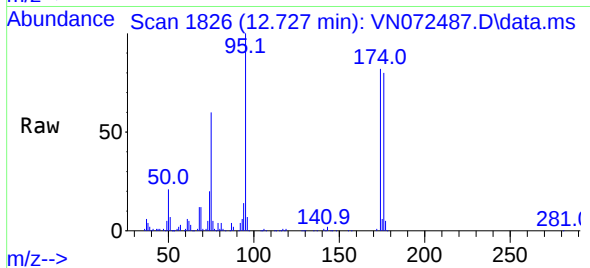
Tgt Ion: 92 Resp: 4132
Ion Ratio Lower Upper
92 100
91 200.6 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 53.132 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

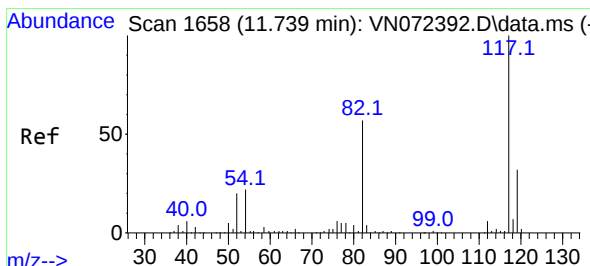
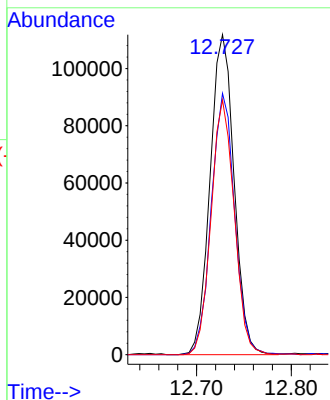
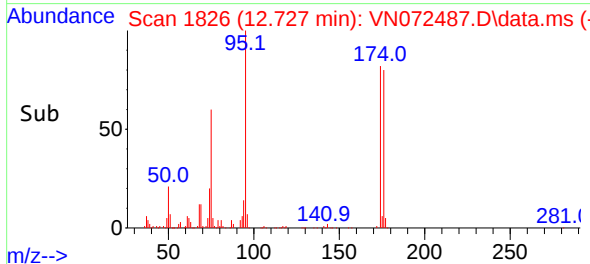
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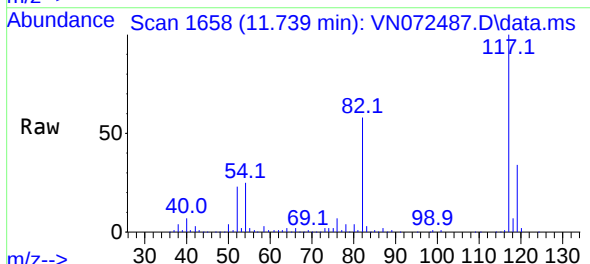
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Ion Ratio Lower Upper
95 100
174 79.9 0.0 167.6
176 76.7 0.0 163.4

Manual Integrations
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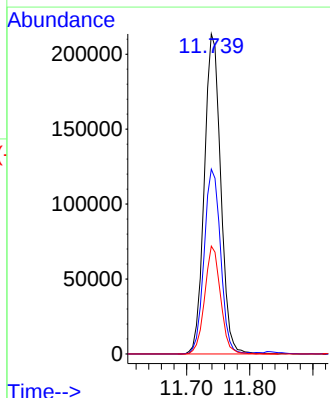
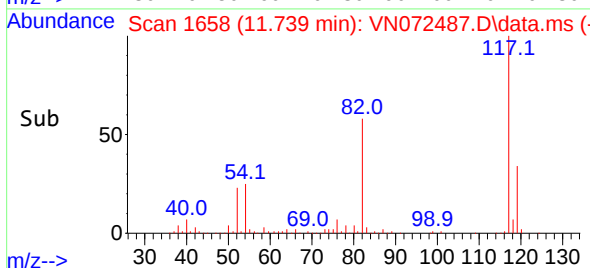
Reviewed By :John Carlone 05/16/2022
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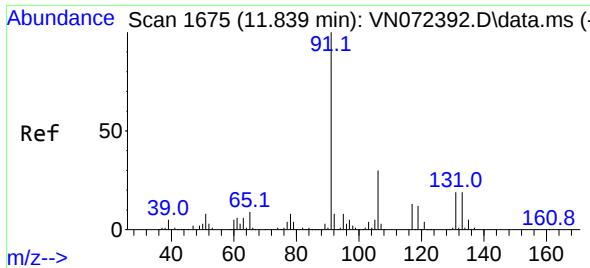


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14



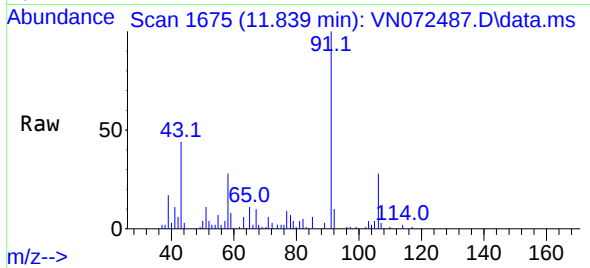
Tgt Ion:117 Resp: 384994
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 33.7 25.4 38.0





#67
Ethyl Benzene
Concen: 2.614 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

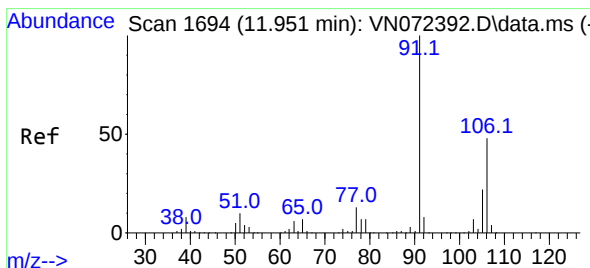
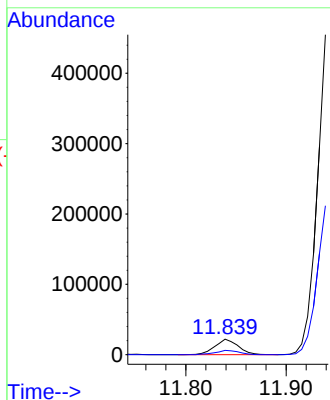
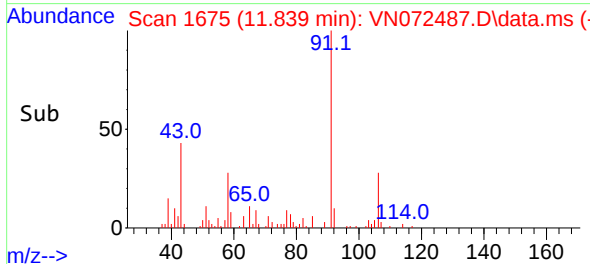
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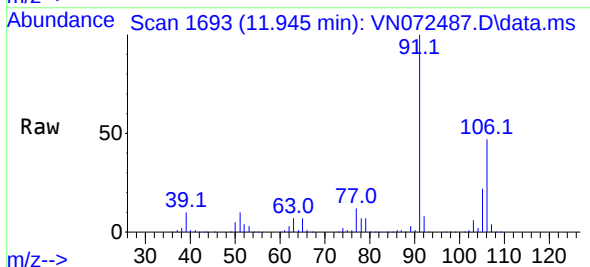
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Ion Ratio Lower Upper
91 100
106 28.4 24.9 37.3

Manual Integrations
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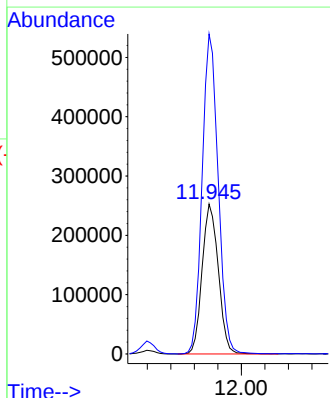
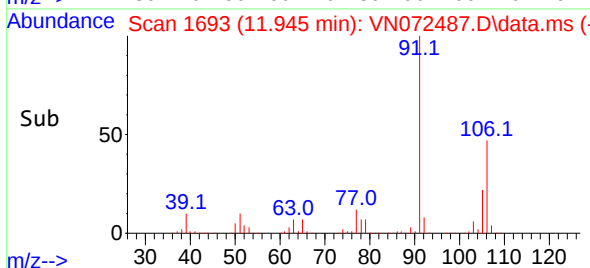
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

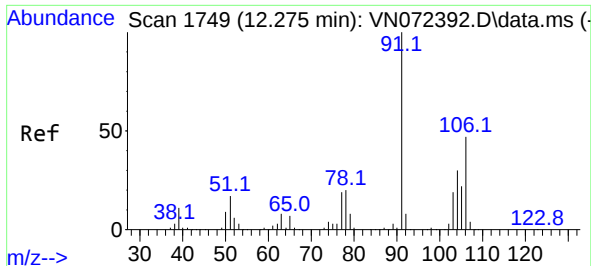


#68
m/p-Xylenes
Concen: 93.696 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14



Tgt Ion:106 Resp: 482272
Ion Ratio Lower Upper
106 100
91 210.9 158.9 238.3





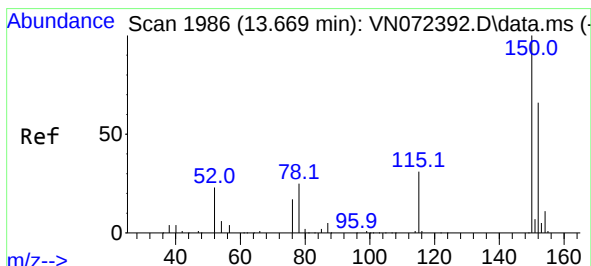
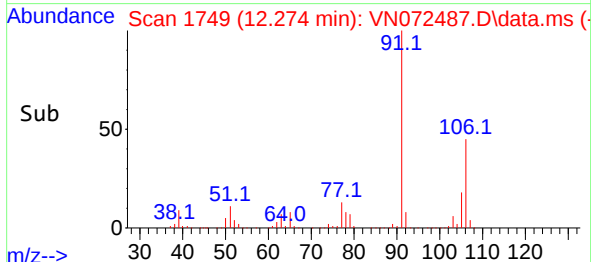
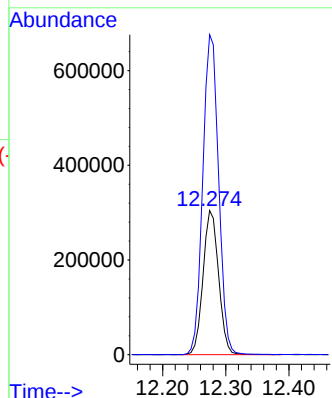
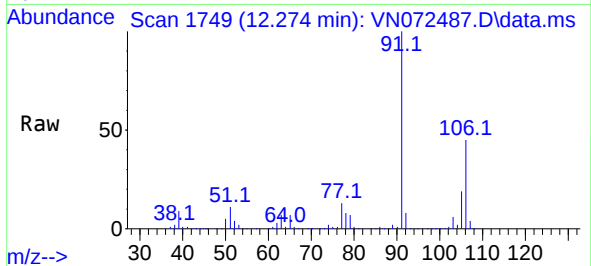
#69
o-Xylene
Concen: 102.697 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
GES-2

Tgt Ion:106 Resp: 51936
Ion Ratio Lower Upper
106 100
91 226.4 106.0 318.0

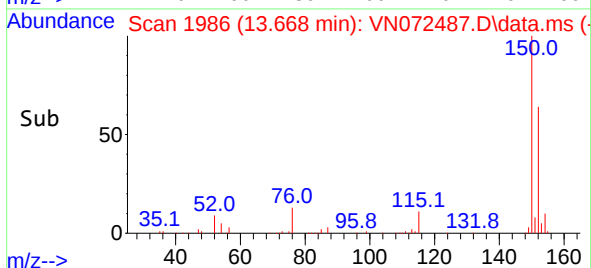
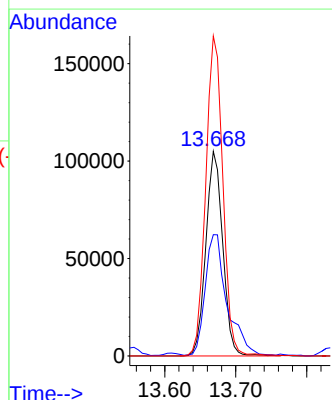
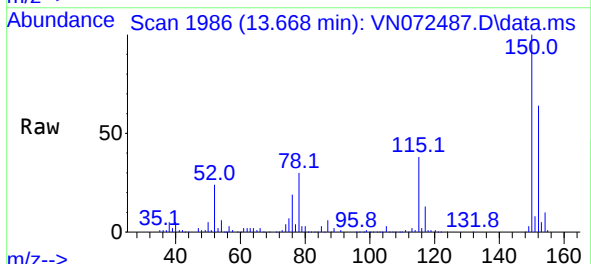
Manual Integrations
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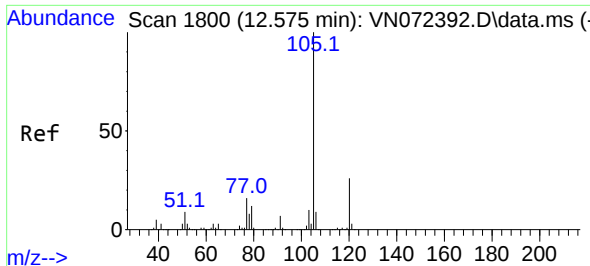
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

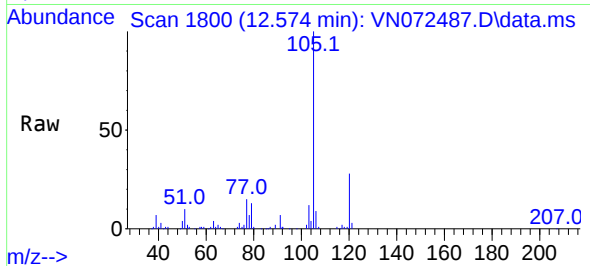
Tgt Ion:152 Resp: 173959
Ion Ratio Lower Upper
152 100
115 76.2 28.9 86.7
150 158.3 0.0 356.2





#73
Isopropylbenzene
Concen: 7.344 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

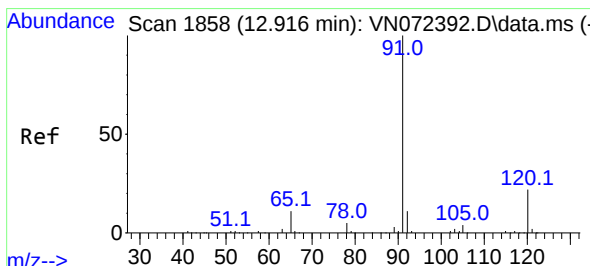
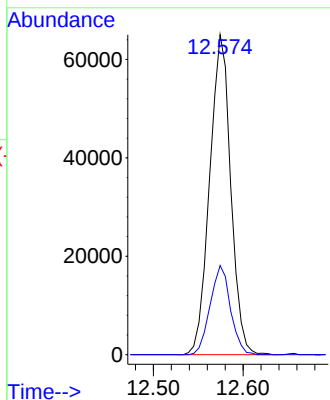
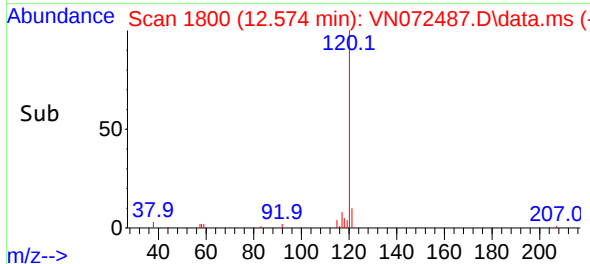
Instrument :
MSVOA_N
ClientSampleId :
GES-2



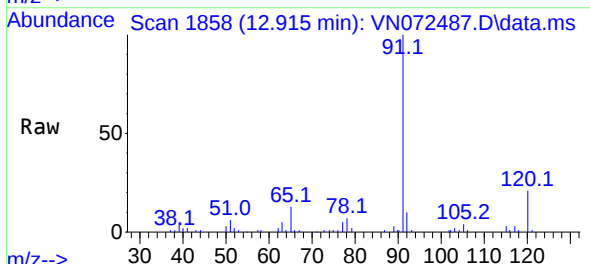
Tgt Ion:105 Resp: 10584
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

Manual Integrations
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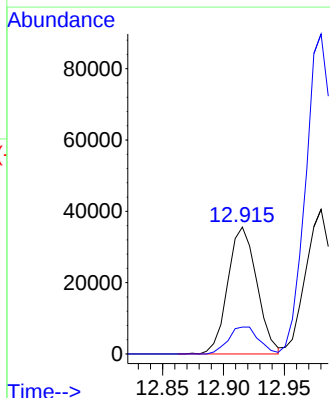
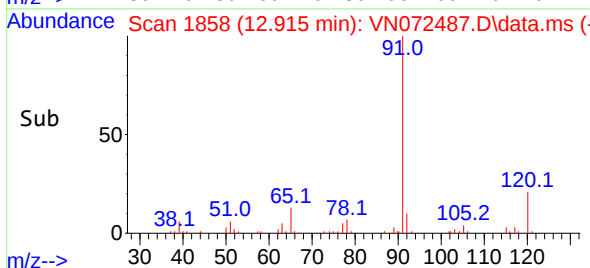
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

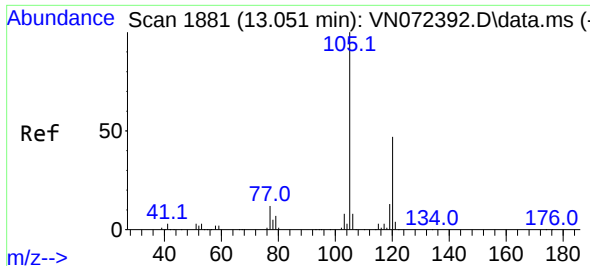


#78
n-propylbenzene
Concen: 3.832 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14



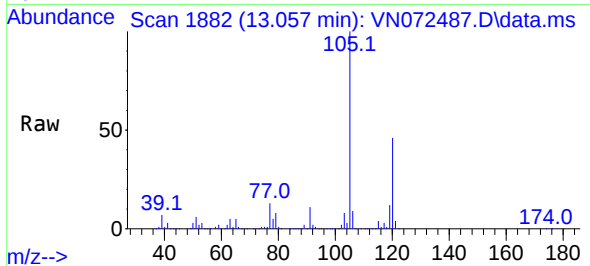
Tgt Ion: 91 Resp: 59099
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 59.146 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

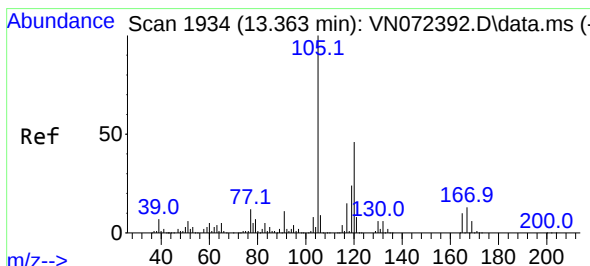
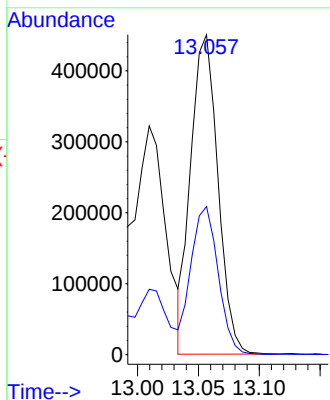
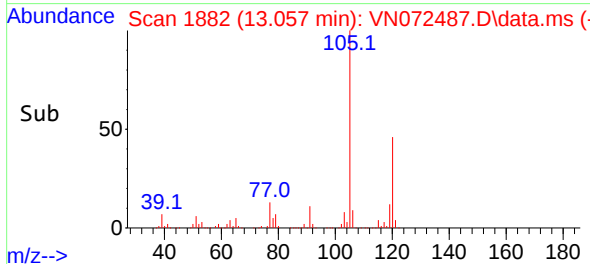
Instrument :
MSVOA_N
ClientSampleId :
GES-2



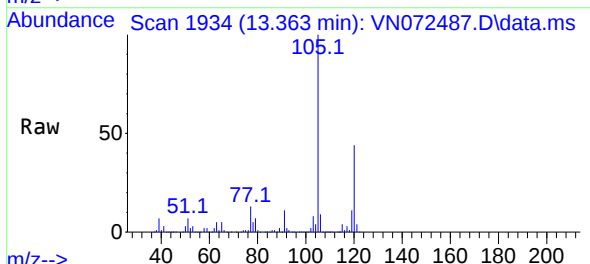
Tgt Ion:105 Resp: 698089
Ion Ratio Lower Upper
105 100
120 46.4 24.9 74.7

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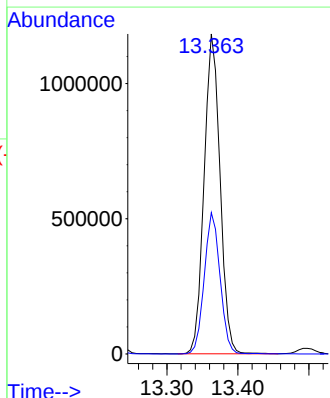
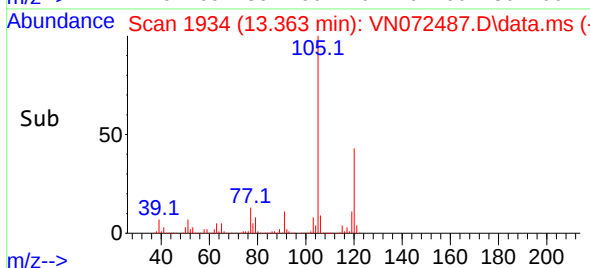
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

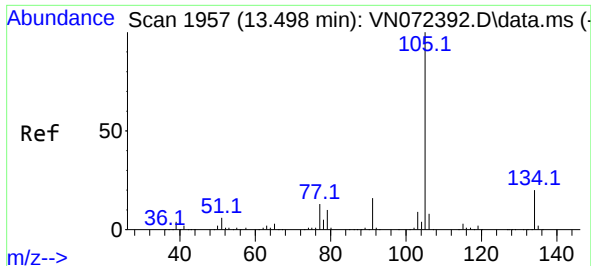


#84
1,2,4-Trimethylbenzene
Concen: 161.247 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14



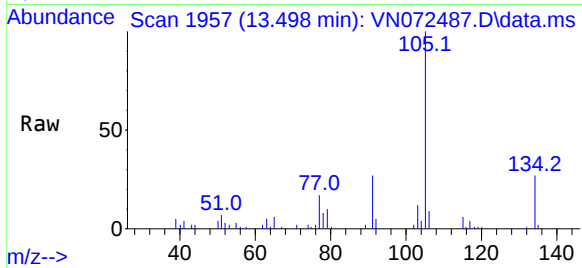
Tgt Ion:105 Resp: 1851361
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 2.780 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072487.D
 Acq: 13 May 2022 19:14

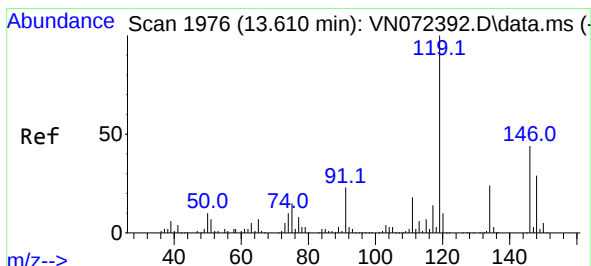
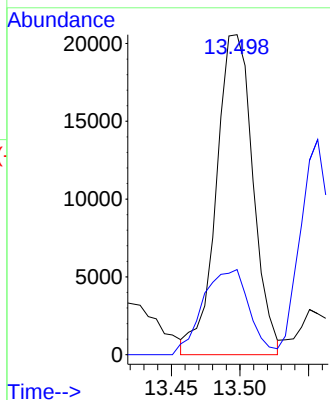
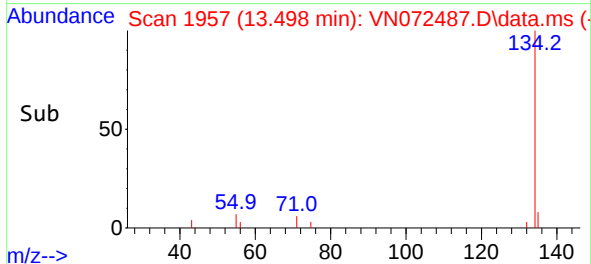
Instrument :
 MSVOA_N
 ClientSampleId :
 GES-2



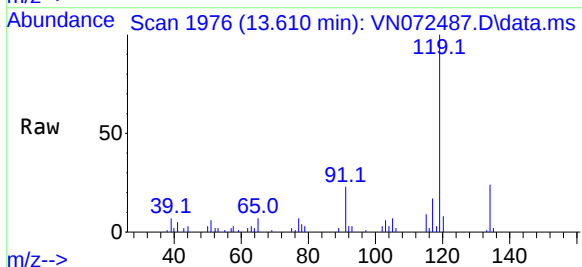
Tgt Ion:105 Resp: 38309
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

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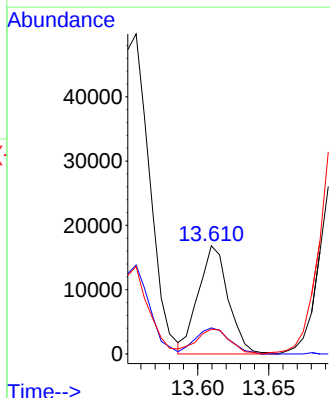
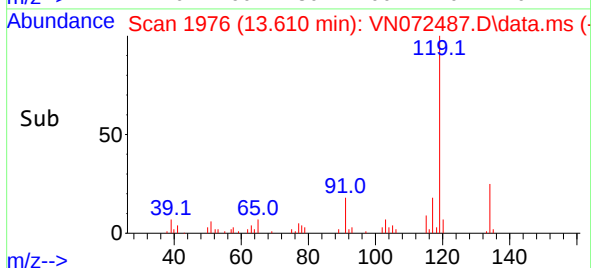
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

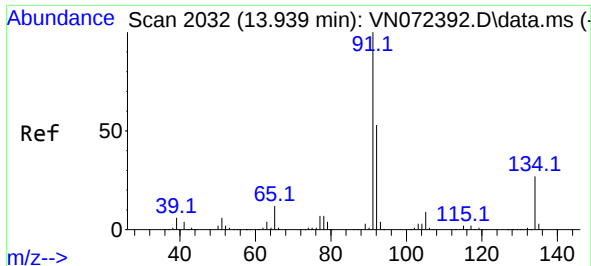


#86
 p-Isopropyltoluene
 Concen: 2.310 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072487.D
 Acq: 13 May 2022 19:14



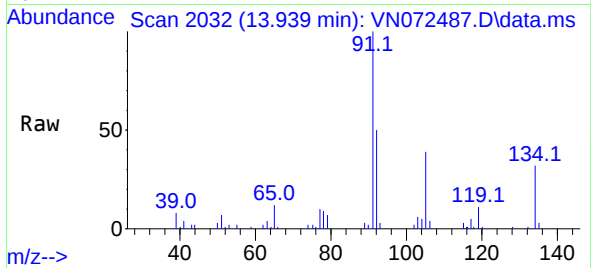
Tgt Ion:119 Resp: 24793
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 25.4 11.3 33.9





#89
n-Butylbenzene
Concen: 4.359 ug/l m
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14

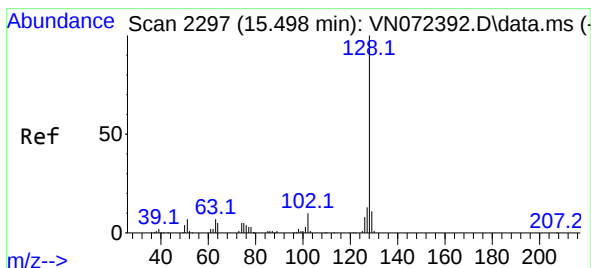
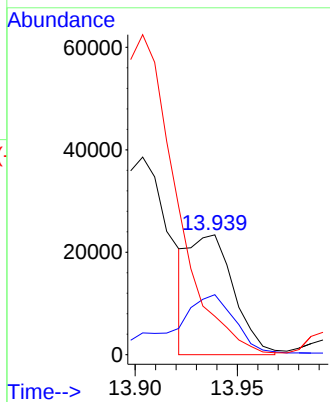
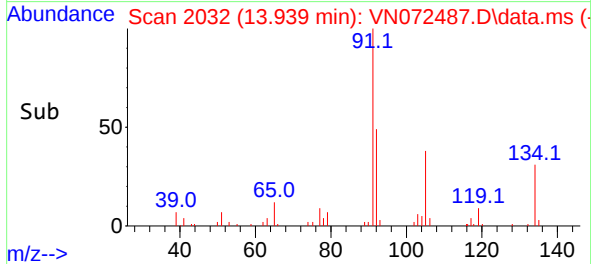
Instrument :
MSVOA_N
ClientSampleId :
GES-2



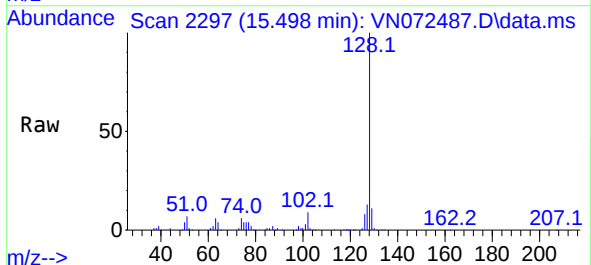
Tgt Ion: 91 Resp: 3576
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7
134 340.6 13.6 40.8

Manual Integrations
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Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#95
Naphthalene
Concen: 30.902 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072487.D
Acq: 13 May 2022 19:14



Tgt Ion:128 Resp: 246157
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.6 13.0

