

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070434.D
 Acq On : 3 Jan 2022 13:54
 Operator : JC/MD
 Sample : M5212-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 04 01:32:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/04/2022
 Supervised By :Mahesh Dadoda 01/04/2022

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 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1047988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1741565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1572050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	599789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	776810	51.553	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.100%	
35) Dibromofluoromethane	8.019	113	543393	51.568	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.140%	
50) Toluene-d8	10.441	98	2257827	52.451	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.900%	
62) 4-Bromofluorobenzene	12.728	95	857866	55.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.360%	

Target Compounds						Qvalue
17) Carbon Disulfide	4.532	76	11889	0.408	ug/l #	92
22) Diisopropyl ether	6.498	45	23903	0.507	ug/l #	82
31) Cyclohexane	8.094	56	193389	8.133	ug/l #	86
39) Methylcyclohexane	9.456	83	48087m	2.279	ug/l	
40) Benzene	8.459	78	2433096	45.528	ug/l	99
52) Toluene	10.505	92	32253	0.997	ug/l	100
67) Ethyl Benzene	11.843	91	2411618	39.460	ug/l	97
68) m/p-Xylenes	11.953	106	17391m	0.782	ug/l	
69) o-Xylene	12.278	106	5076	0.229	ug/l	77
73) Isopropylbenzene	12.575	105	1238003	22.227	ug/l	98
78) n-propylbenzene	12.919	91	1038086	16.821	ug/l	95
83) tert-Butylbenzene	13.321	119	30467	0.775	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	67418	1.569	ug/l	96
85) sec-Butylbenzene	13.498	105	132419	2.482	ug/l #	37
86) p-Isopropyltoluene	13.613	119	12552m	0.299	ug/l	
89) n-Butylbenzene	13.932	91	69378m	1.984	ug/l	

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

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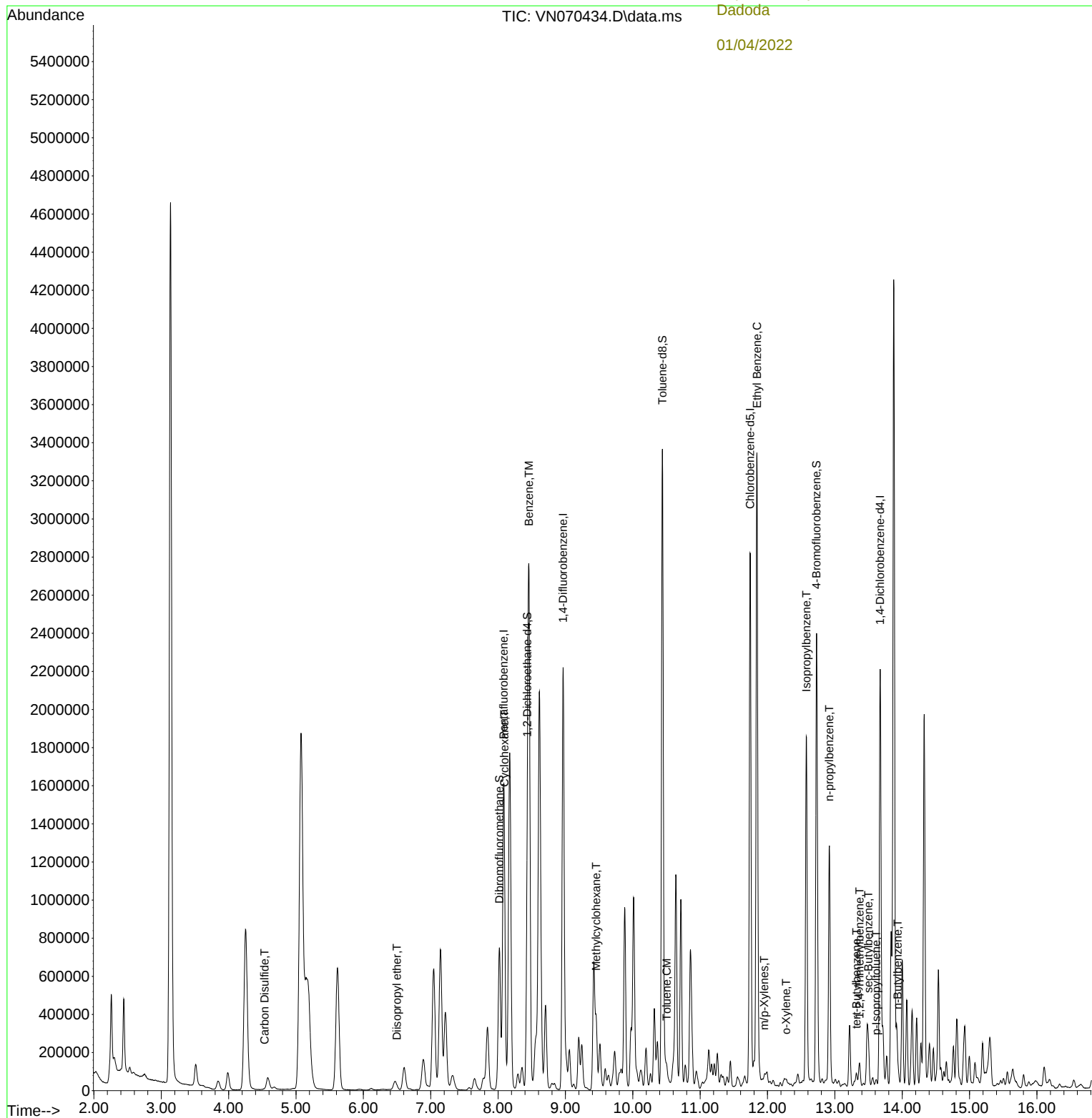
Quant Time: Jan 04 01:32:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

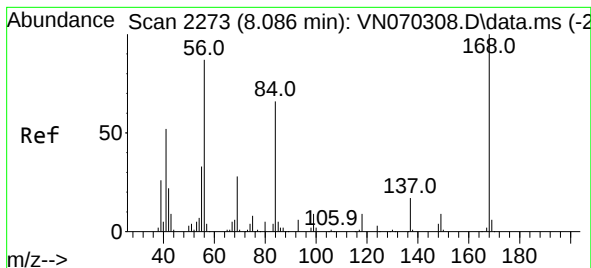
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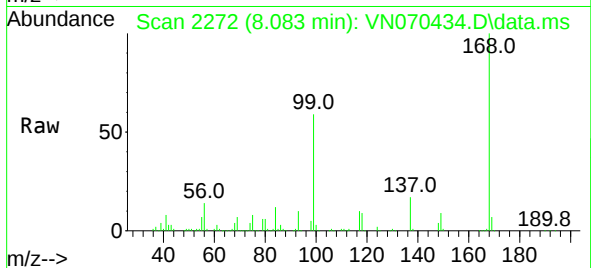
01/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

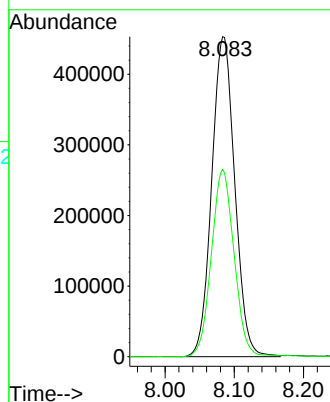
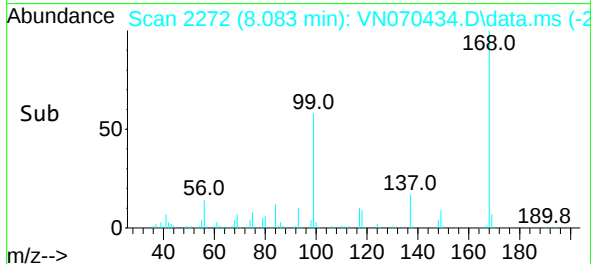
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:168 Resp: 104798
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9

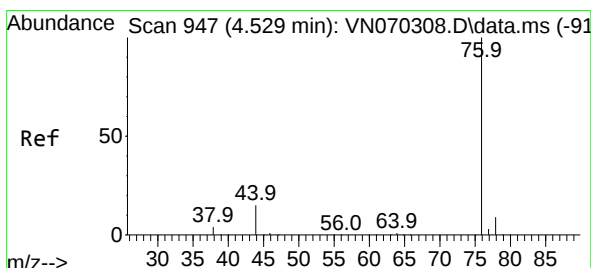
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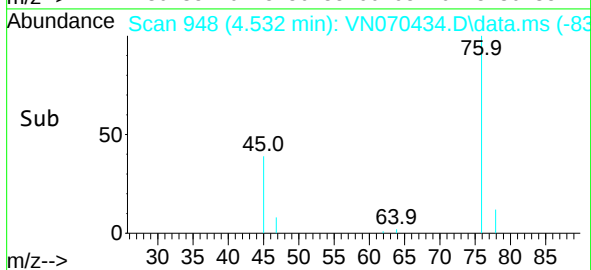
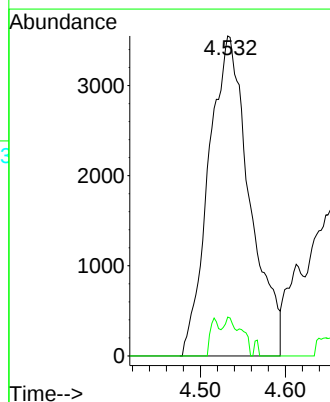
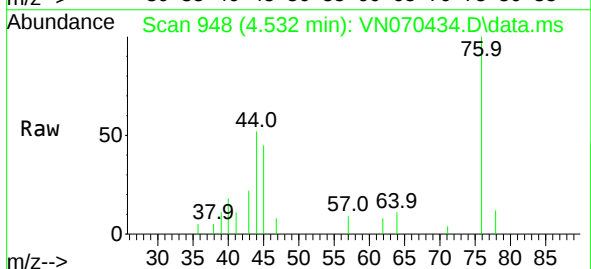
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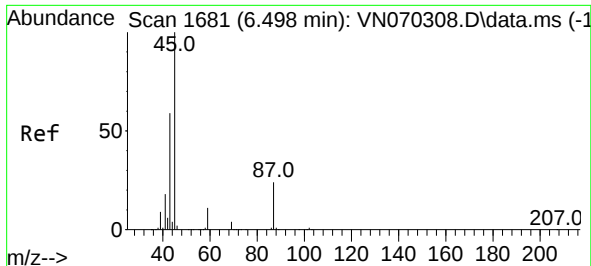
01/04/2022



#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.003 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

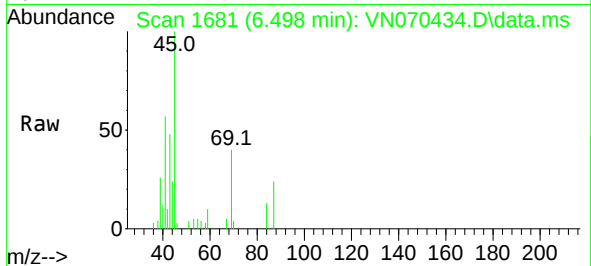
Tgt Ion: 76 Resp: 11889
Ion Ratio Lower Upper
76 100
78 12.1 7.5 11.3#





#22
Diisopropyl ether
Concen: 0.507 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :



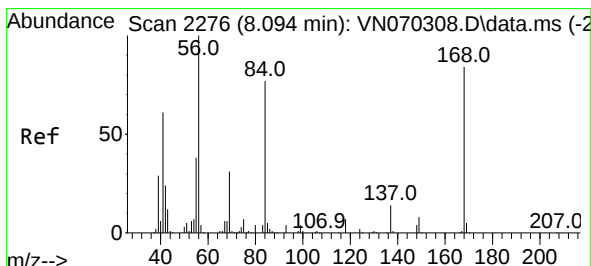
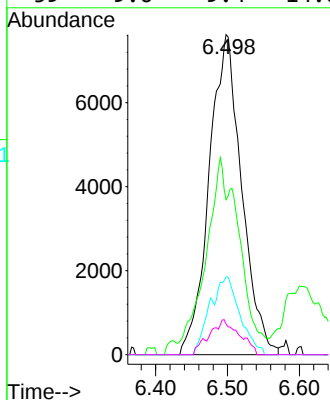
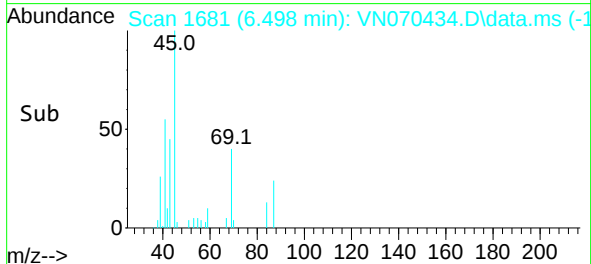
Tgt Ion: 45 Resp: 2390
Ion Ratio Lower Upper
45 100
43 44.9 51.7 77.5
87 24.3 23.2 34.8
59 9.6 9.4 14.0

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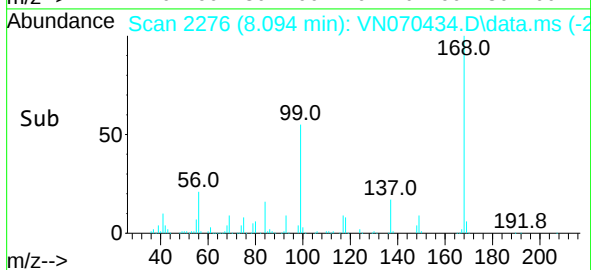
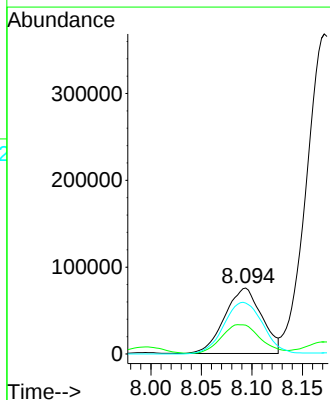
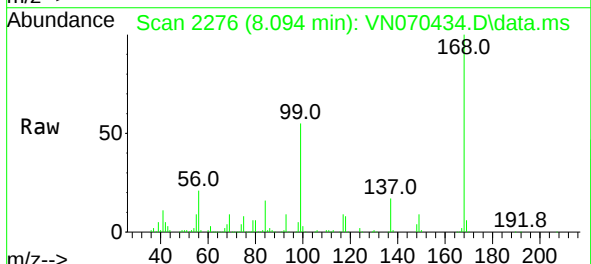
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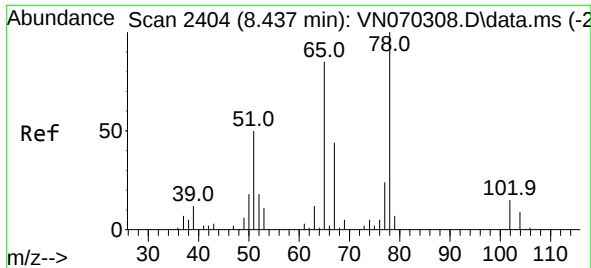
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#31
Cyclohexane
Concen: 8.133 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

Tgt Ion: 56 Resp: 193389
Ion Ratio Lower Upper
56 100
69 41.7 27.1 40.7#
84 77.6 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 51.553 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070434.D

Acq: 3 Jan 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 65 Resp: 776810

Ion Ratio Lower Upper

65 100

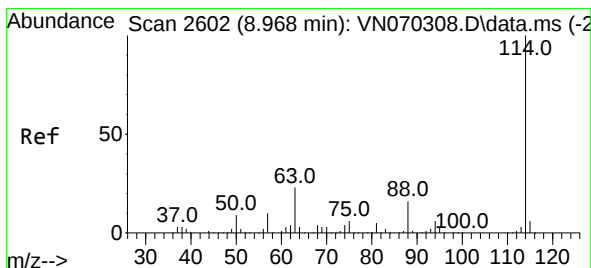
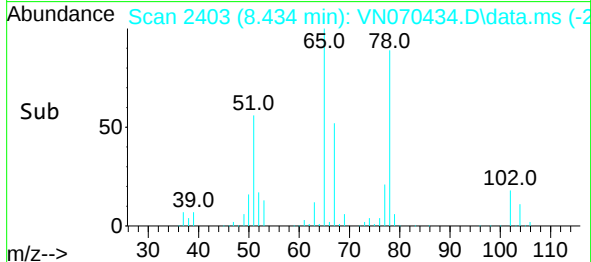
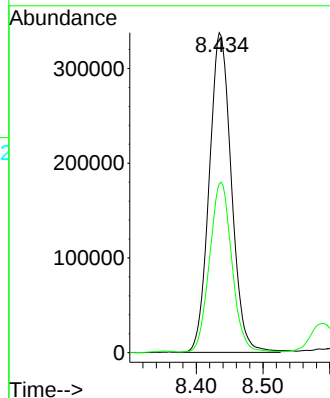
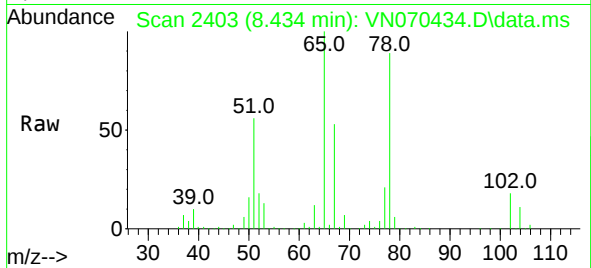
67 53.3 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070434.D

Acq: 3 Jan 2022 13:54

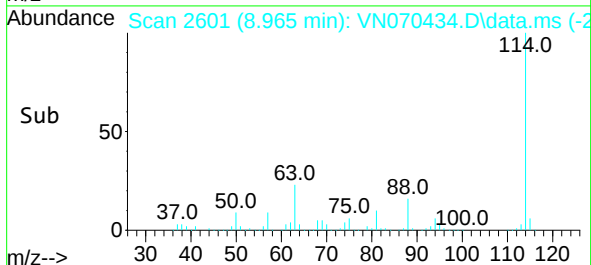
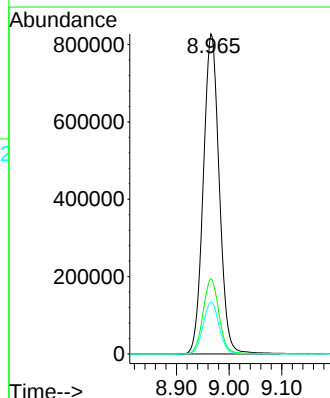
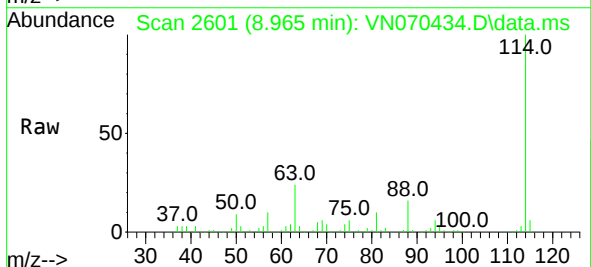
Tgt Ion:114 Resp: 1741565

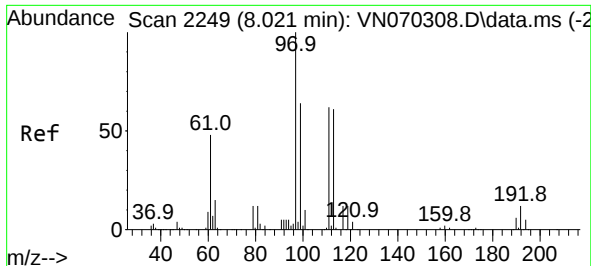
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

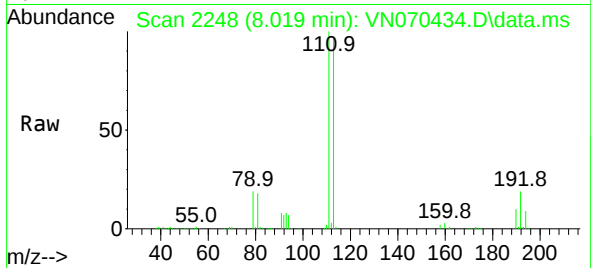
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.568 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :



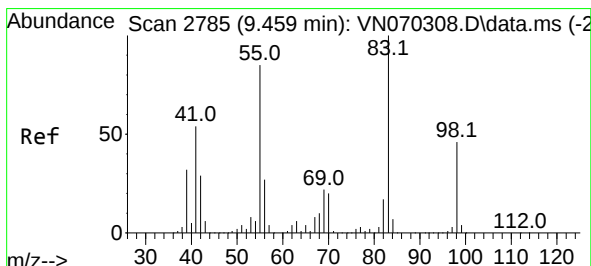
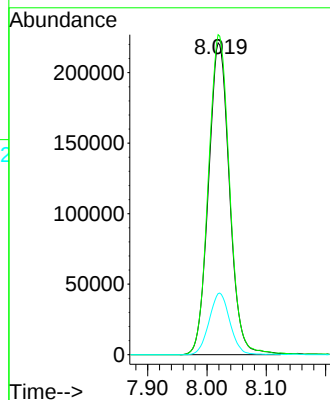
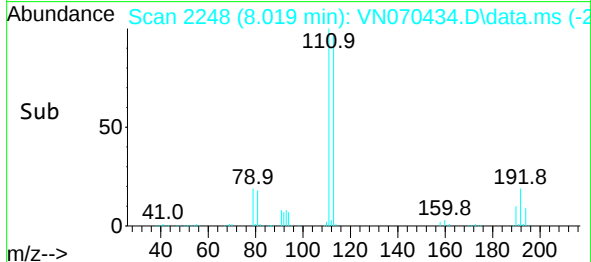
Tgt Ion:113 Resp: 54339
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.5 16.9 25.3

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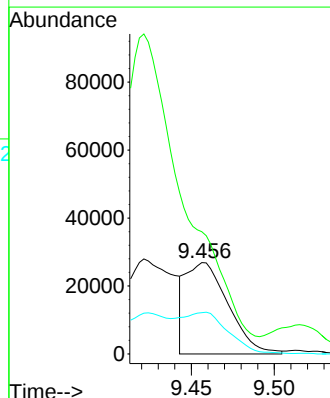
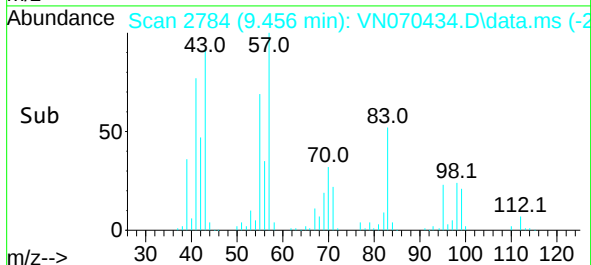
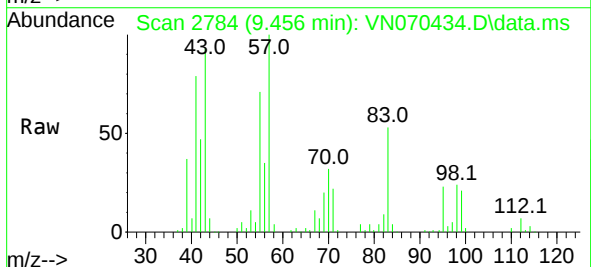
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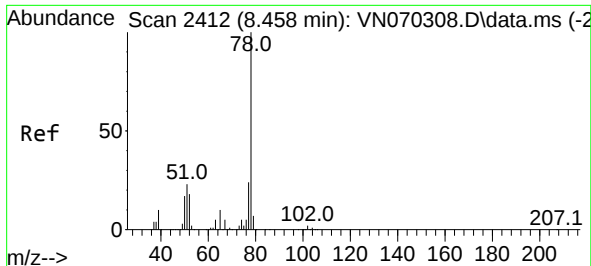
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#39
Methylcyclohexane
Concen: 2.279 ug/l m
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

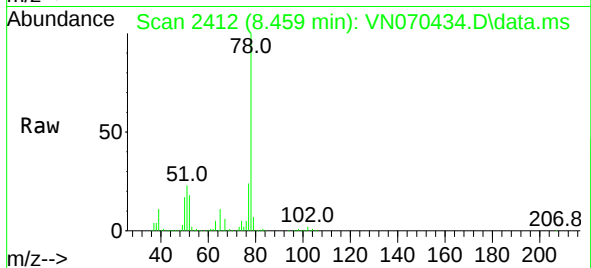
Tgt Ion: 83 Resp: 48087
Ion Ratio Lower Upper
83 100
55 133.8 58.1 87.1#
98 45.3 38.4 57.6





#40
Benzene
Concen: 45.528 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

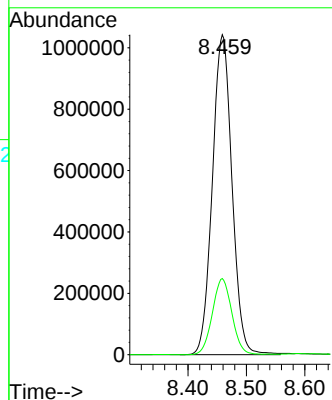
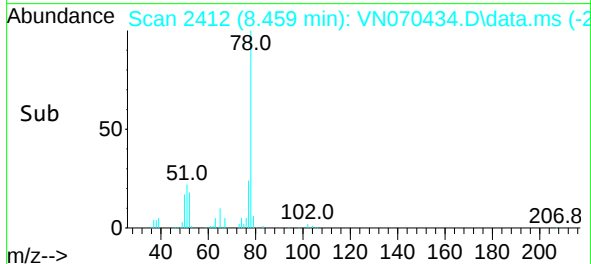
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 78 Resp: 2433090
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8

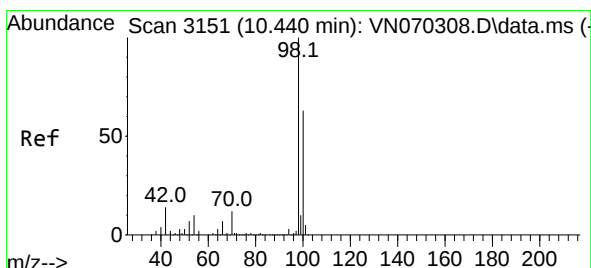
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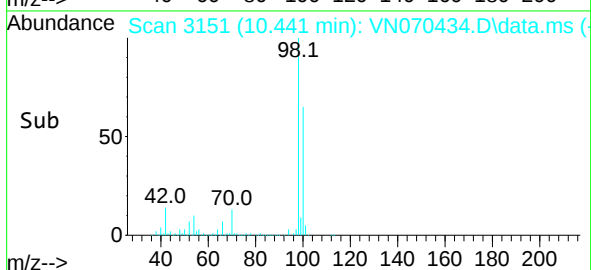
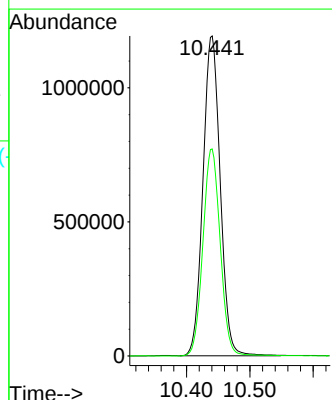
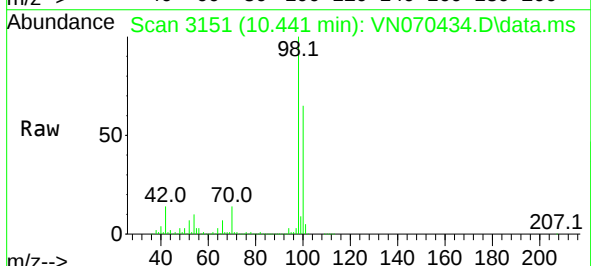
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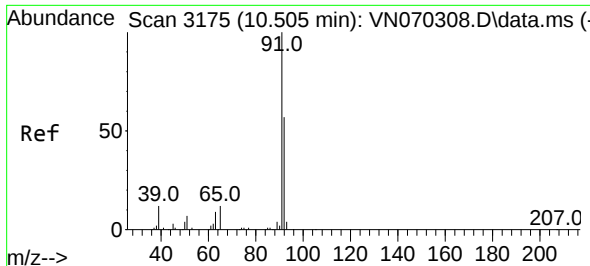
01/04/2022



#50
Toluene-d8
Concen: 52.451 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

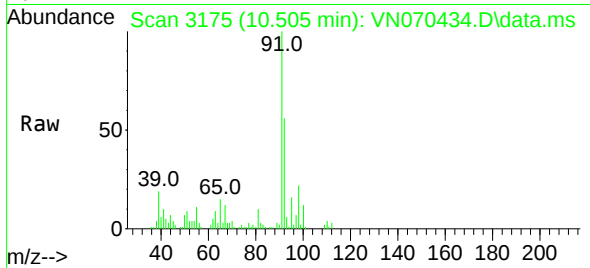
Tgt Ion: 98 Resp: 2257827
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6





#52
Toluene
Concen: 0.997 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

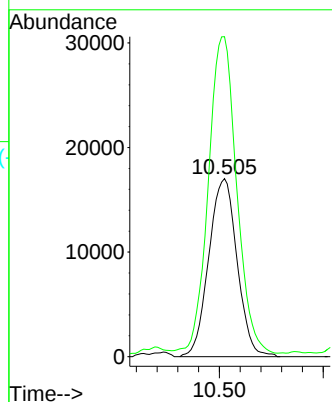
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 92 Resp: 3225
Ion Ratio Lower Upper
92 100
91 178.2 142.0 213.0

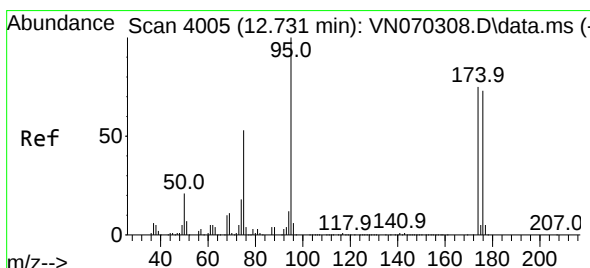
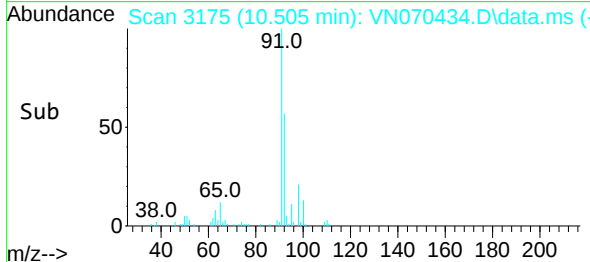
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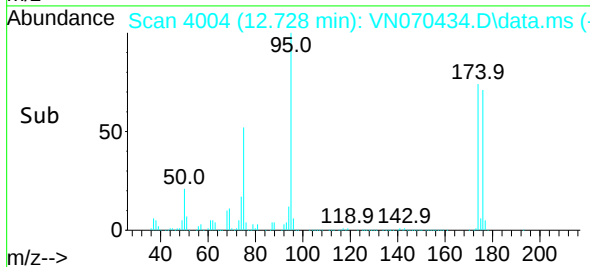
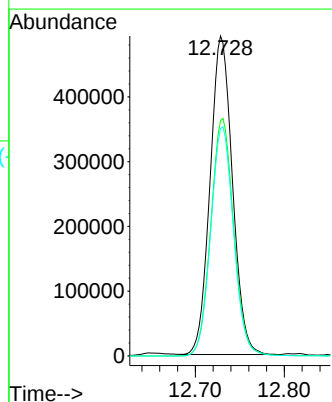
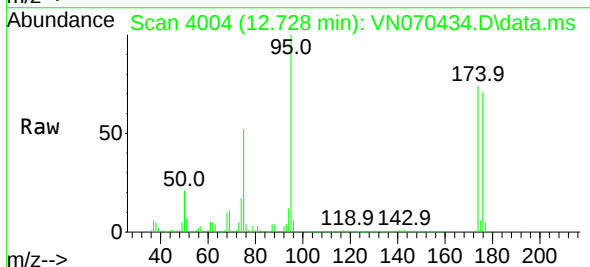
01/04/2022
Supervised By :Mahesh
Dadoda

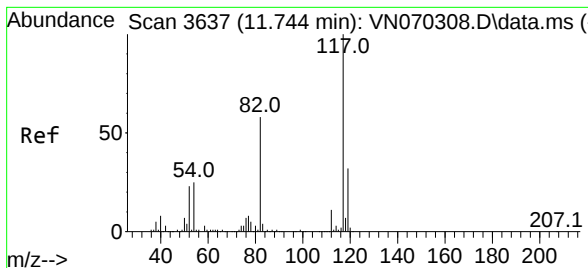
01/04/2022



#62
4-Bromofluorobenzene
Concen: 55.178 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

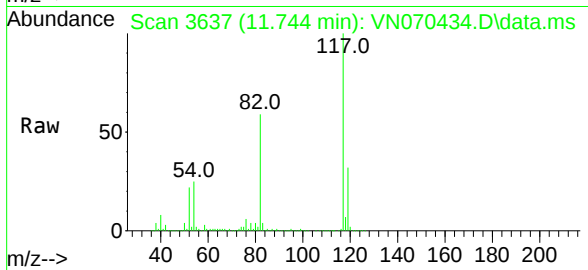
Tgt Ion: 95 Resp: 857866
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070434.D
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Instrument :
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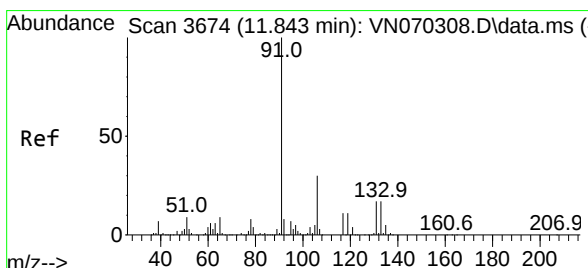
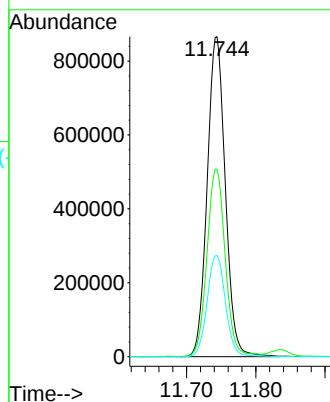
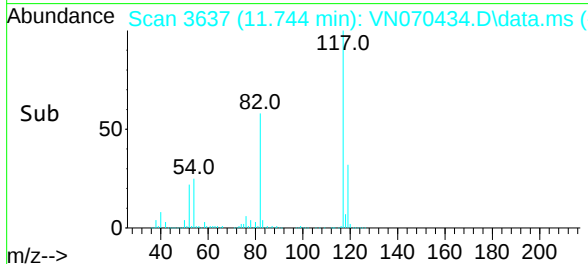
Tgt Ion: 117 Resp: 1572050
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.7 25.4 38.2

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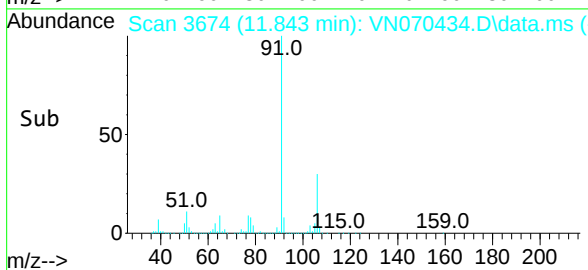
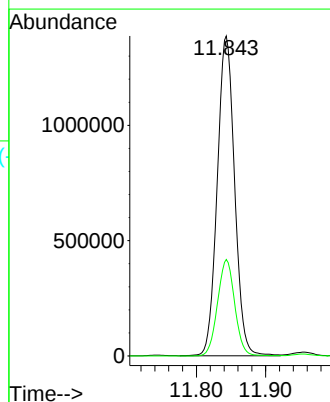
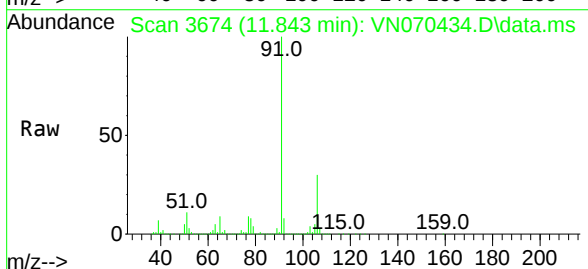
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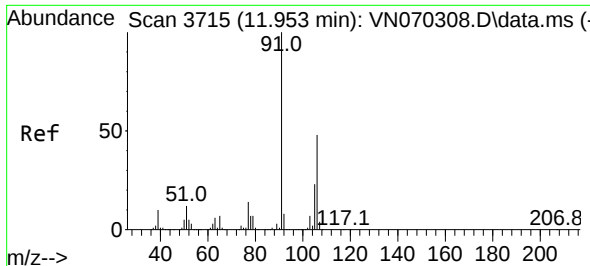
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#67
Ethyl Benzene
Concen: 39.460 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

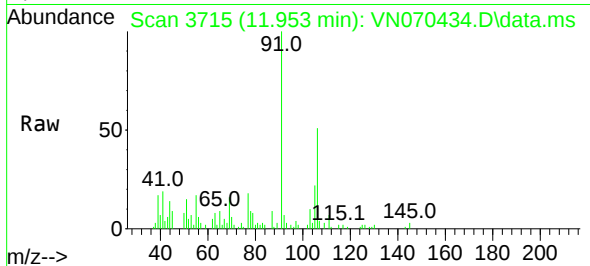
Tgt Ion: 91 Resp: 2411618
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5





#68
m/p-Xylenes
Concen: 0.782 ug/l m
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

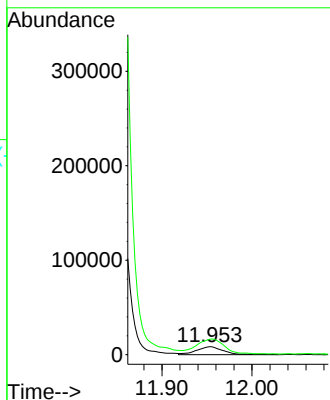
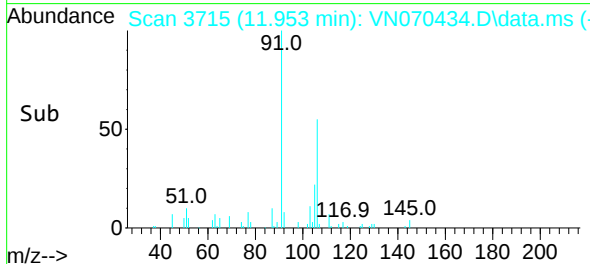
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:106 Resp: 1739
Ion Ratio Lower Upper
106 100
91 13867.0 160.6 240

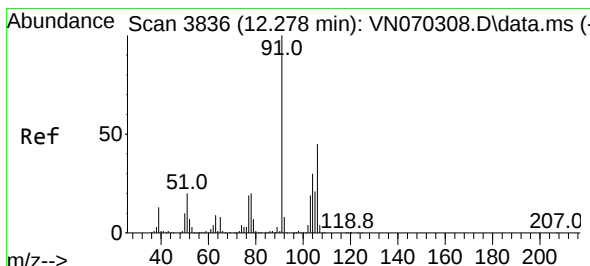
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Supervised By :Mahesh Dadoda 01/04/2022

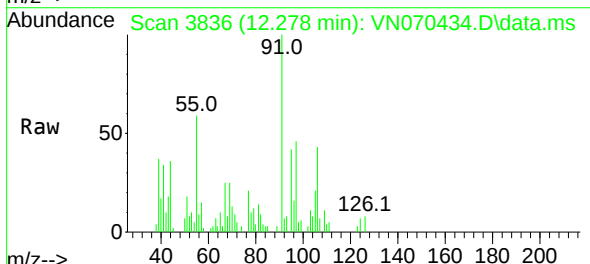


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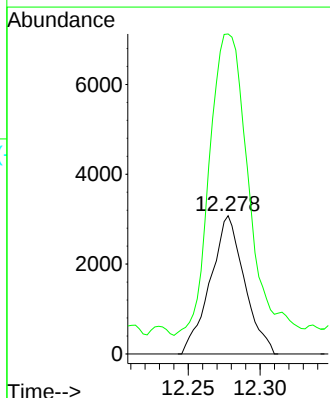
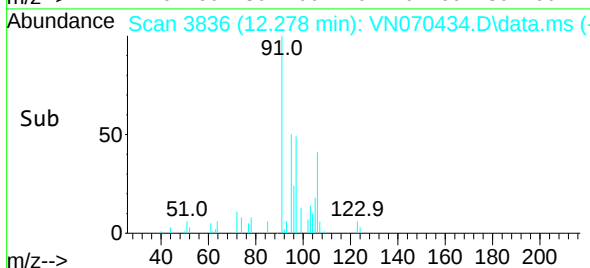
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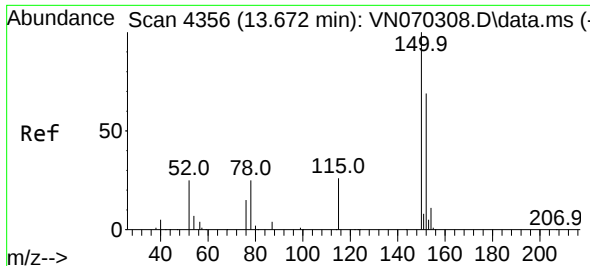


#69
o-Xylene
Concen: 0.229 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54



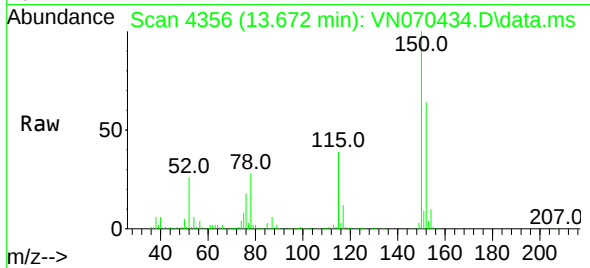
Tgt Ion:106 Resp: 5076
Ion Ratio Lower Upper
106 100
91 247.6 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :



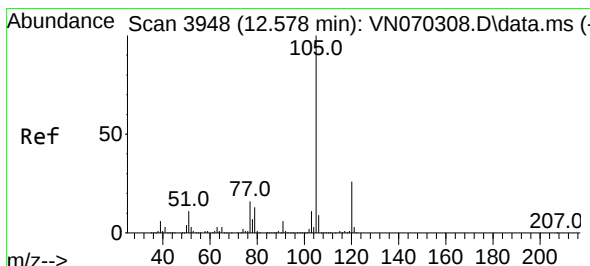
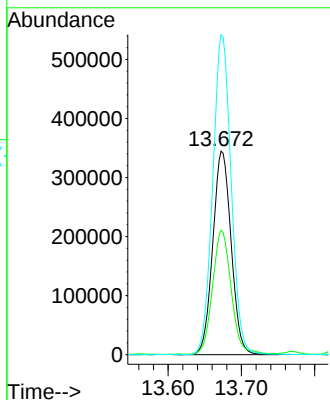
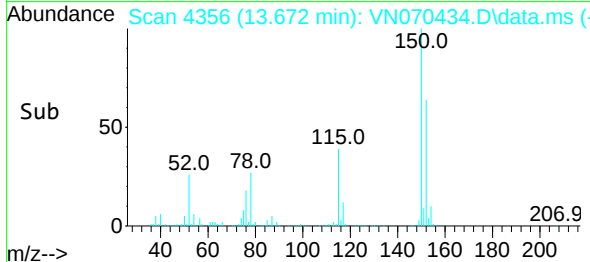
Tgt Ion:152 Resp: 599789
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 157.3 0.0 344.4

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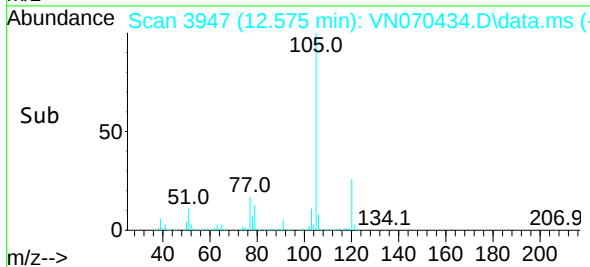
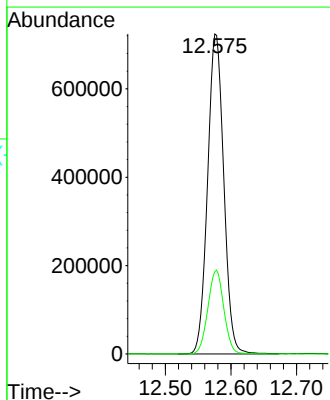
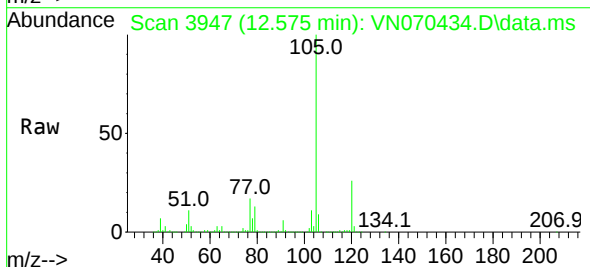
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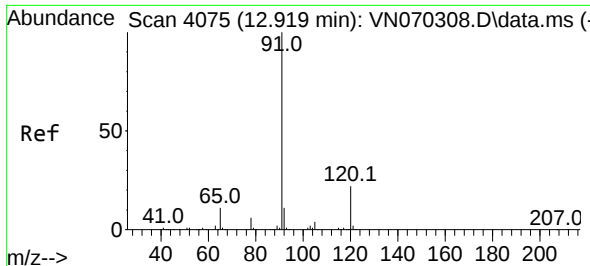
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#73
Isopropylbenzene
Concen: 22.227 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

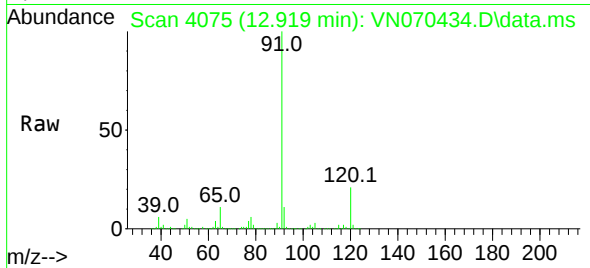
Tgt Ion:105 Resp: 1238003
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1





#78
n-propylbenzene
Concen: 16.821 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

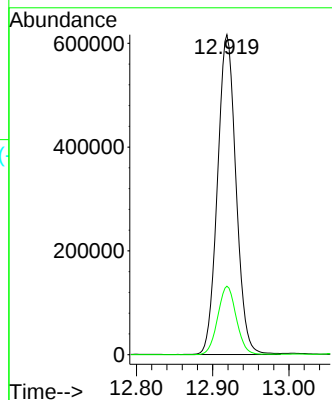
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 91 Resp: 103808
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

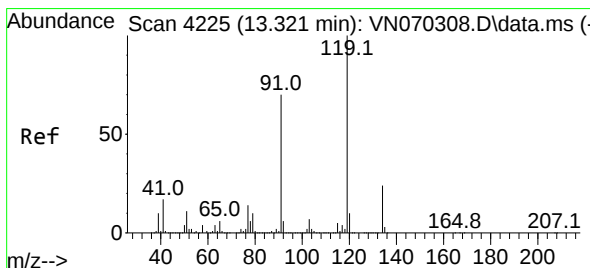
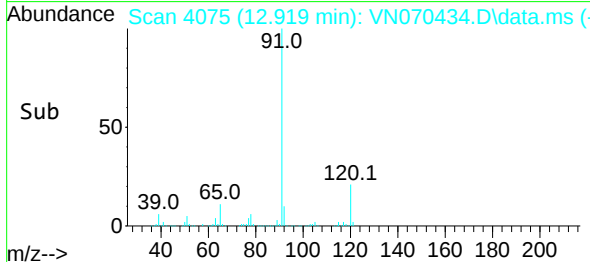
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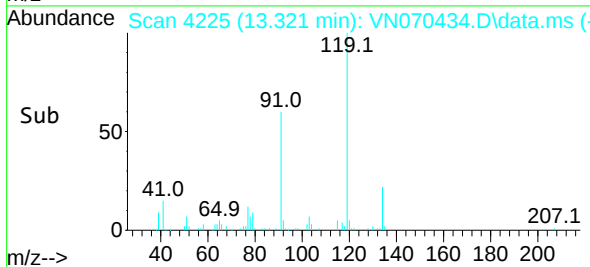
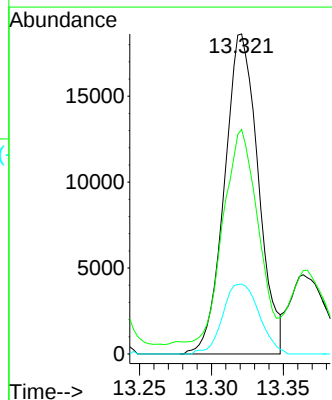
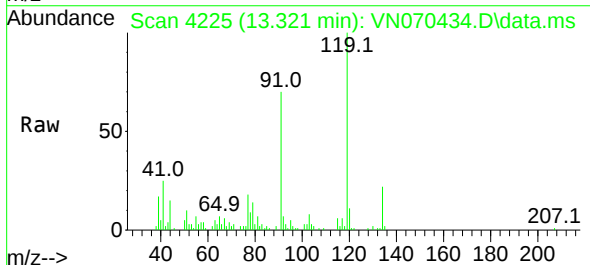
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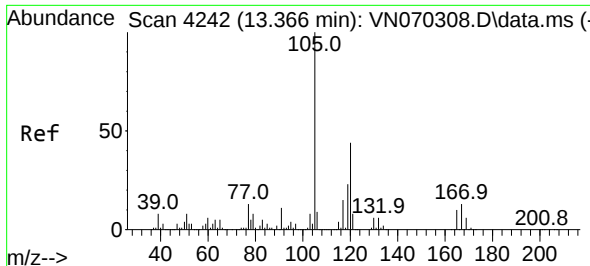
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#83
tert-Butylbenzene
Concen: 0.775 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

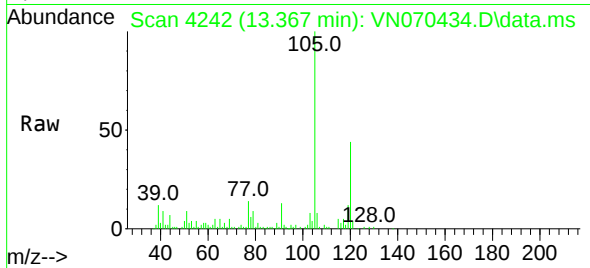
Tgt Ion:119 Resp: 30467
Ion Ratio Lower Upper
119 100
91 66.6 31.5 94.5
134 23.5 12.4 37.4





#84
1,2,4-Trimethylbenzene
Concen: 1.569 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

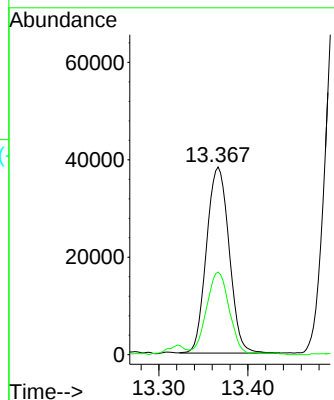
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:105 Resp: 67418
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4

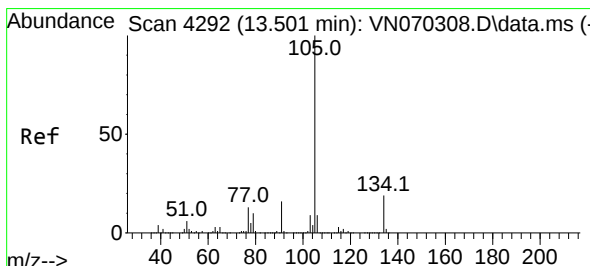
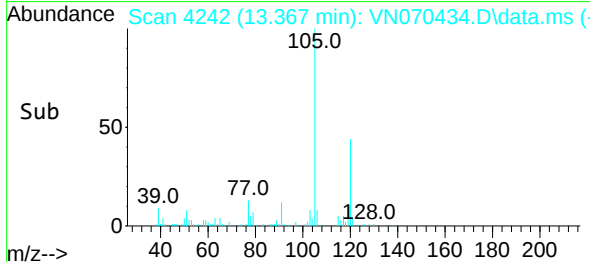
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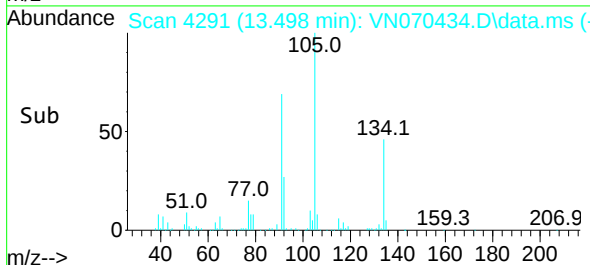
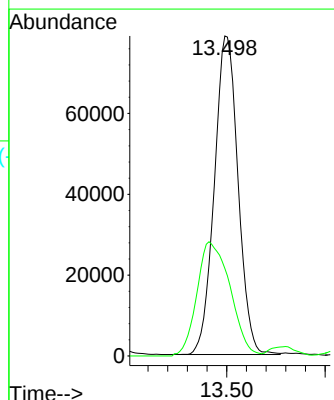
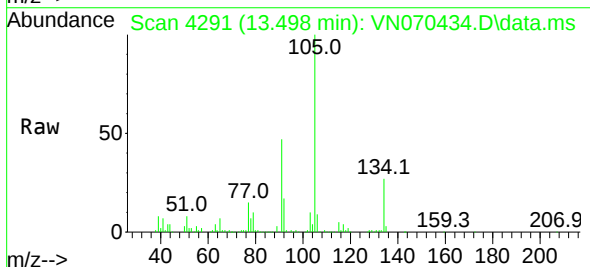
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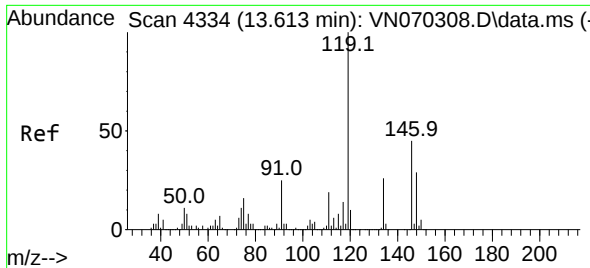
01/04/2022



#85
sec-Butylbenzene
Concen: 2.482 ug/l
RT: 13.498 min Scan# 4291
Delta R.T. -0.003 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

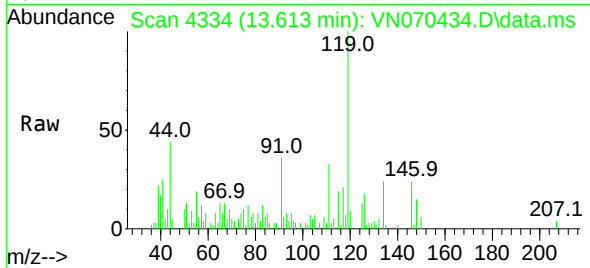
Tgt Ion:105 Resp: 132419
Ion Ratio Lower Upper
105 100
134 49.9 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.299 ug/l m
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :



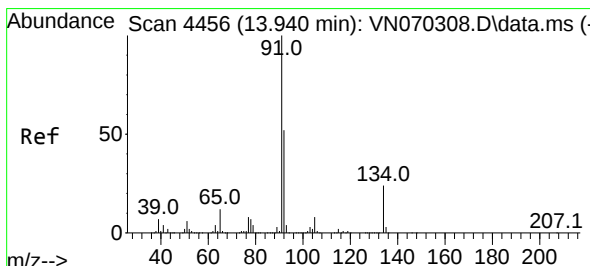
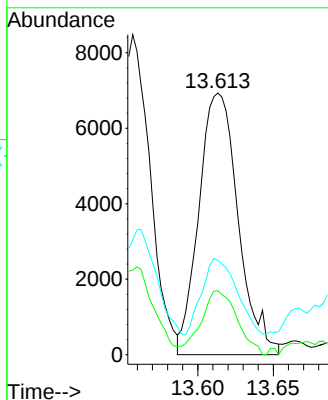
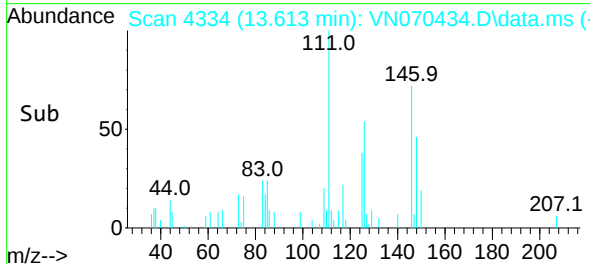
Tgt Ion: 119 Resp: 12552
Ion Ratio Lower Upper
119 100
134 186.9 13.6 40.7
91 172.7 11.4 34.1

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#89
n-Butylbenzene
Concen: 1.984 ug/l m
RT: 13.932 min Scan# 4453
Delta R.T. -0.008 min
Lab File: VN070434.D
Acq: 3 Jan 2022 13:54

Tgt Ion: 91 Resp: 69378
Ion Ratio Lower Upper
91 100
92 8.2 25.4 76.0#
134 136.9 13.6 40.8#

