

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071495.D
 Acq On : 23 Mar 2022 04:13
 Operator : JC\MD
 Sample : N1972-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G-4-10-25-26

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

Quant Time: Mar 23 07:15:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	746691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1272725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1269913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	590081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	485908	47.481	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.960%		
35) Dibromofluoromethane	8.016	113	367758	45.790	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.580%		
50) Toluene-d8	10.439	98	1618095	50.039	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.727	95	673477	61.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	123.000%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	121974	24.496	ug/l	99
18) Methyl Acetate	4.863	43	18445	1.836	ug/l #	87
20) Methylene Chloride	5.087	84	10667m	1.545	ug/l	
39) Methylcyclohexane	9.457	83	33863	2.237	ug/l	96
40) Benzene	8.457	78	3373882	87.023	ug/l	100
43) Isopropyl Acetate	8.557	43	105008	3.965	ug/l #	80
52) Toluene	10.498	92	1872084	78.416	ug/l	96
67) Ethyl Benzene	11.839	91	16375765	339.602	ug/l #	86
68) m/p-Xylenes	11.945	106	8424284	477.557	ug/l	97
69) o-Xylene	12.274	106	4688569	265.151	ug/l	99
73) Isopropylbenzene	12.574	105	1199425	21.086	ug/l	100
78) n-propylbenzene	12.916	91	511732	8.384	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	1367746	30.906	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	4186342	98.759	ug/l	100
86) p-Isopropyltoluene	13.610	119	121756m	2.949	ug/l	
95) Naphthalene	15.492	128	19953222	667.931	ug/l #	92

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

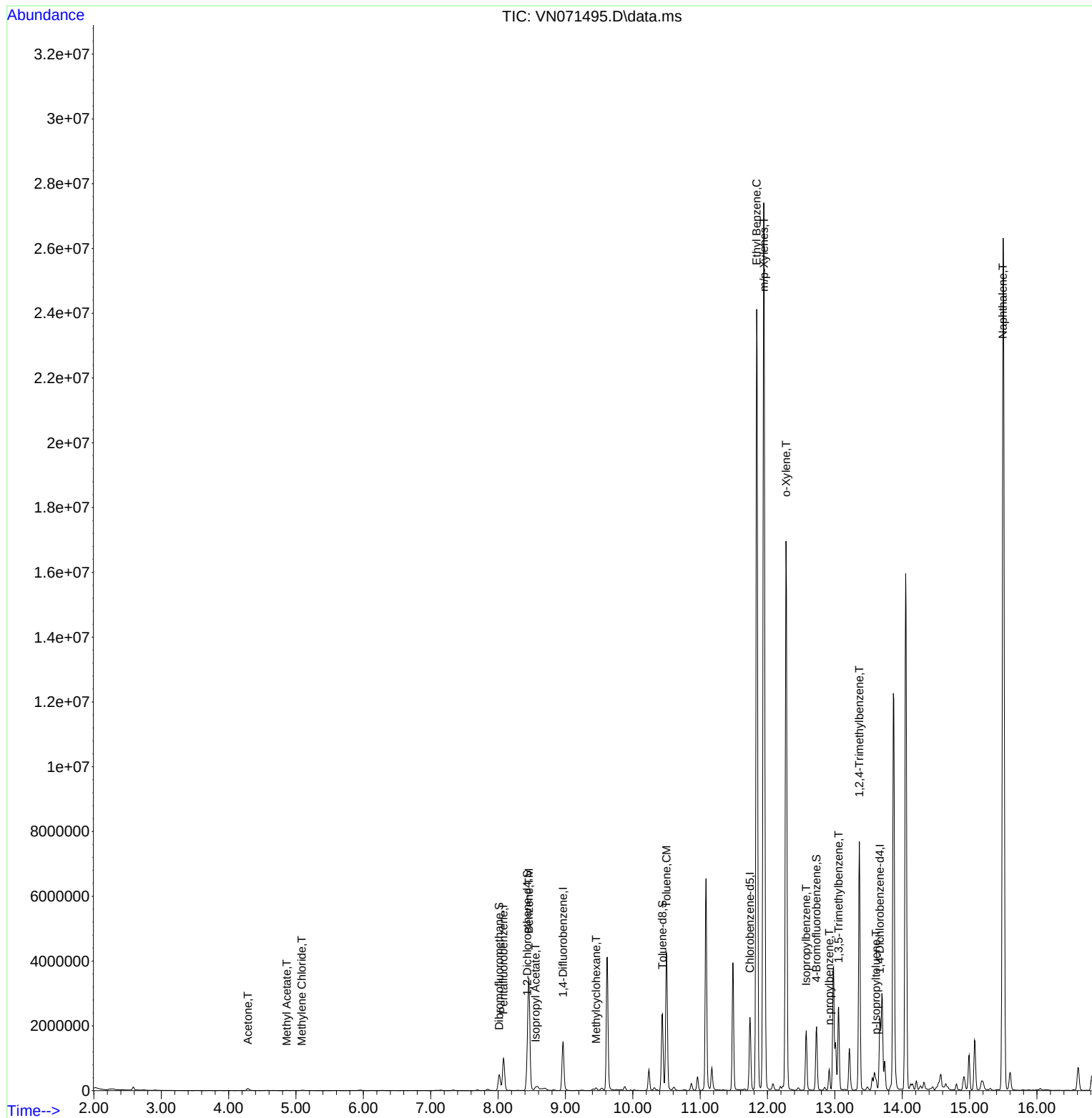
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
Data File : VN071495.D
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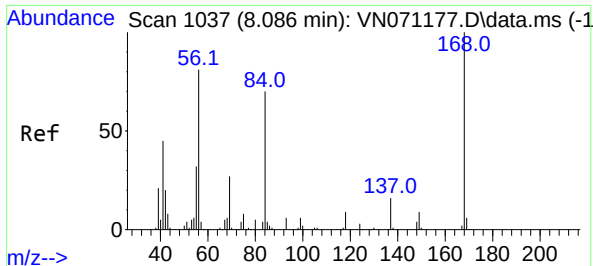
Instrument :
MSVOA_N
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G-4-10-25-26

Quant Time: Mar 23 07:15:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
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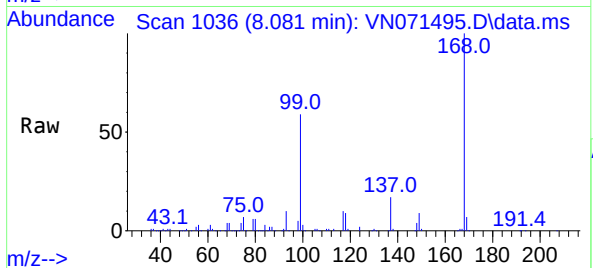
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

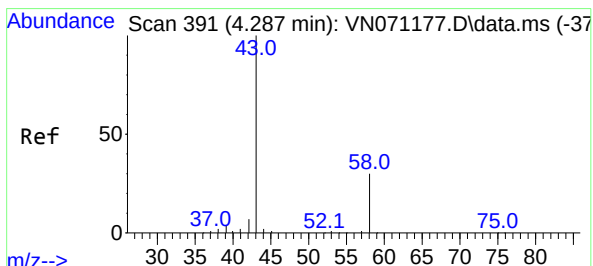
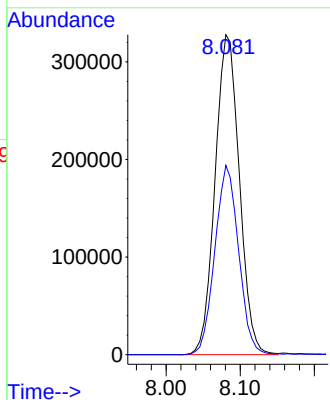
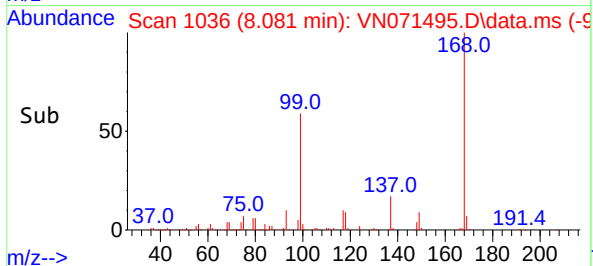
Instrument :
MSVOA_N
ClientSampleId :
G-4-10-25-26



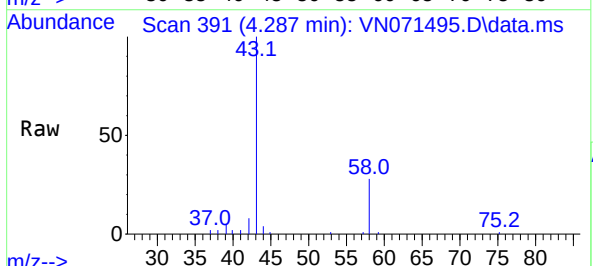
Tgt Ion:168 Resp: 74669
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9

Manual Integrations
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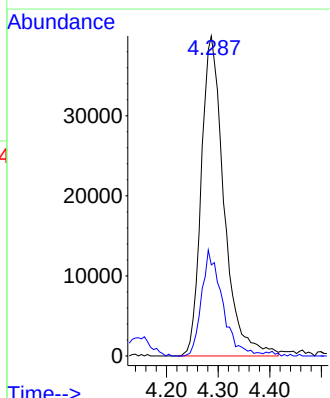
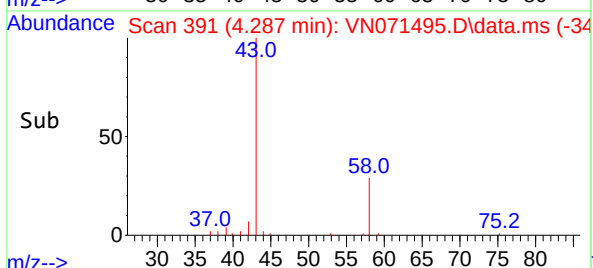
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

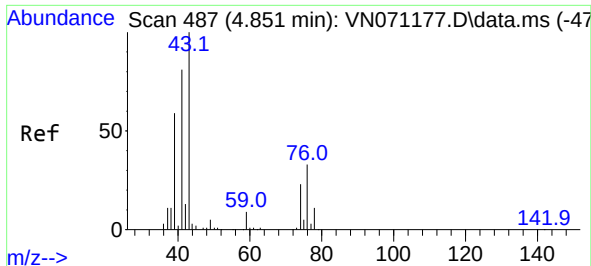


#16
Acetone
Concen: 24.496 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13



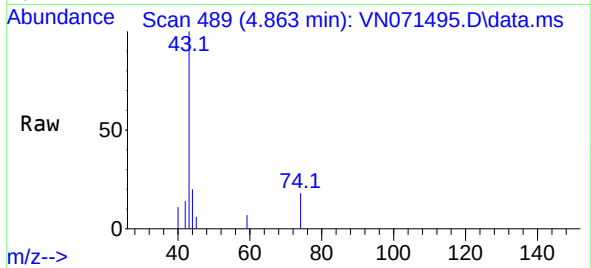
Tgt Ion: 43 Resp: 121974
Ion Ratio Lower Upper
43 100
58 28.5 23.1 34.7





#18
Methyl Acetate
Concen: 1.836 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

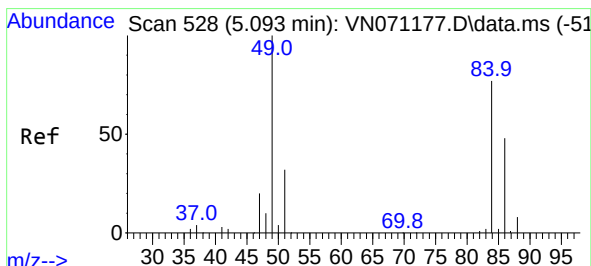
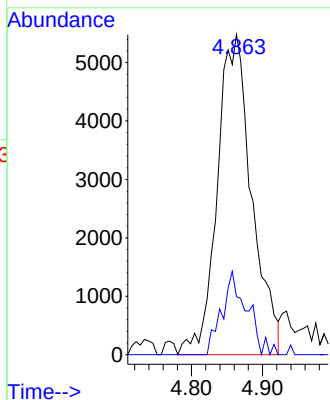
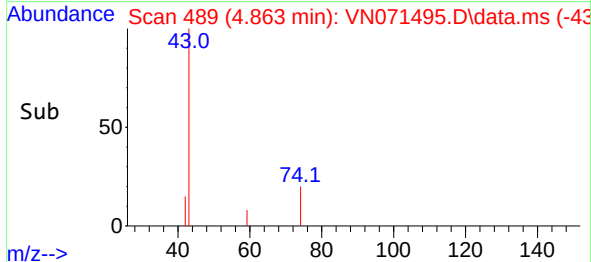
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ClientSampleId :
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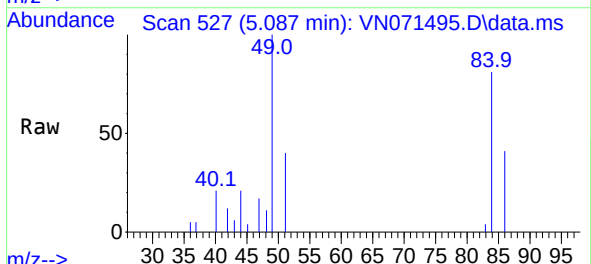
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
74 18.0 19.4 29.2

Manual Integrations
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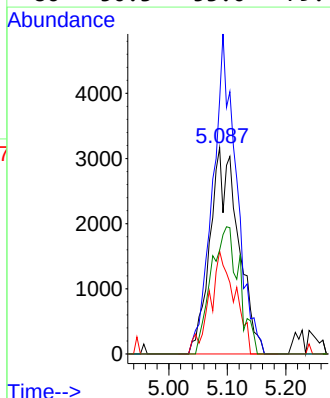
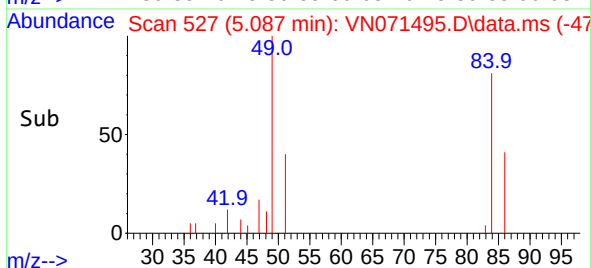
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

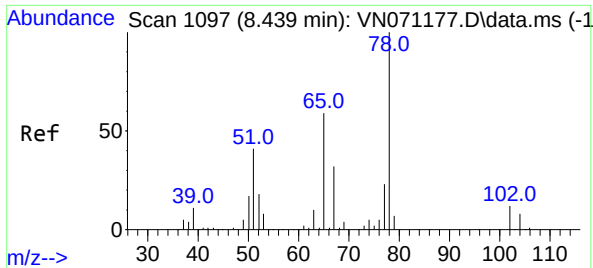


#20
Methylene Chloride
Concen: 1.545 ug/l m
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13



Tgt Ion: 84 Resp: 10667
Ion Ratio Lower Upper
84 100
49 123.3 93.5 140.3
51 49.8 29.4 44.2#
86 50.3 53.0 79.4#





#33
1,2-Dichloroethane-d4
Concen: 47.481 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

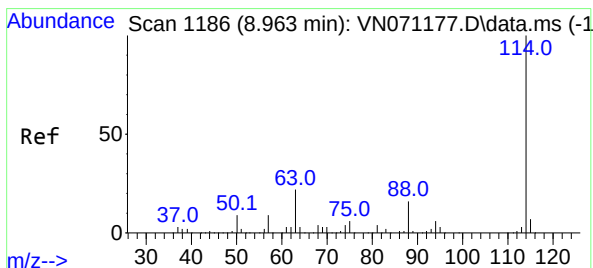
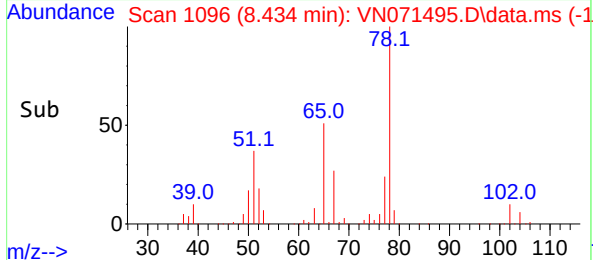
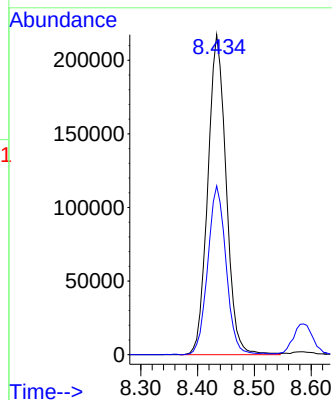
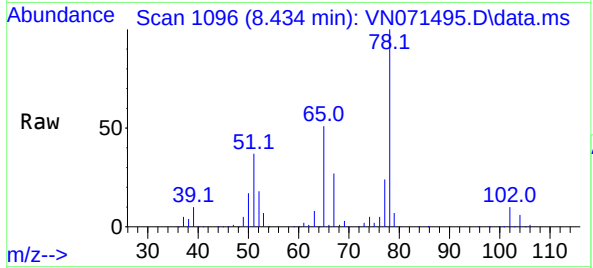
G-4-10-25-26

Tgt Ion: 65 Resp: 485908
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

Manual Integrations

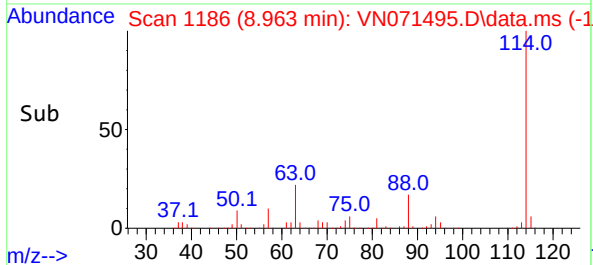
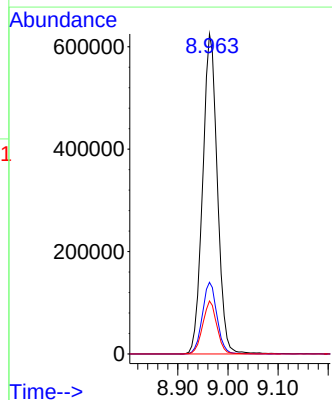
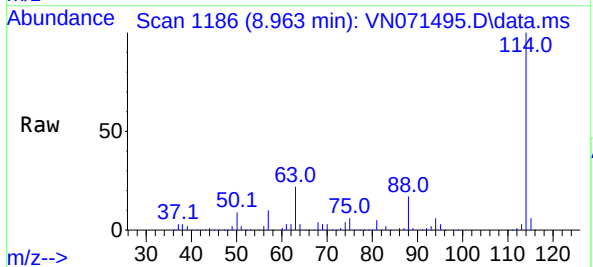
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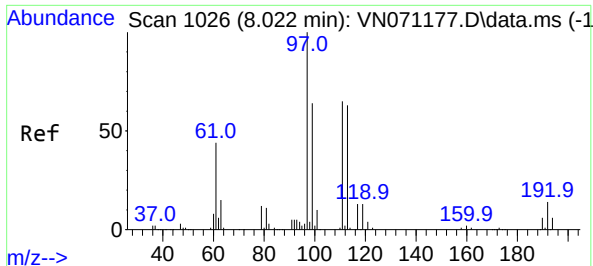
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

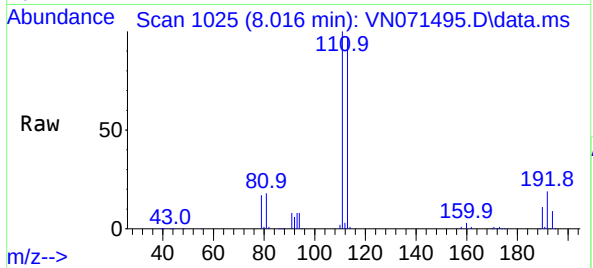
Tgt Ion:114 Resp: 1272725
Ion Ratio Lower Upper
114 100
63 22.4 0.0 37.8
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.790 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

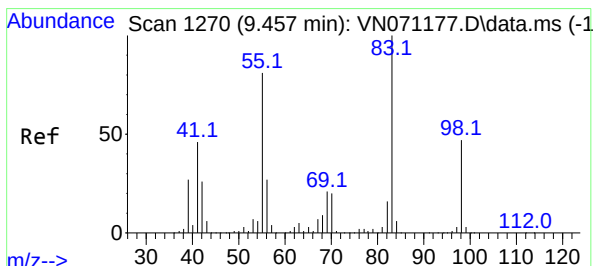
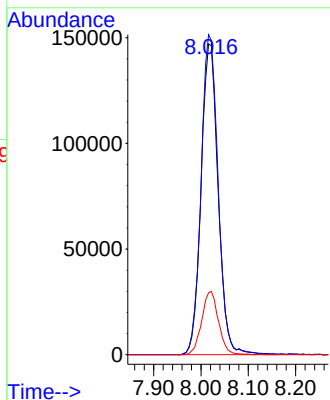
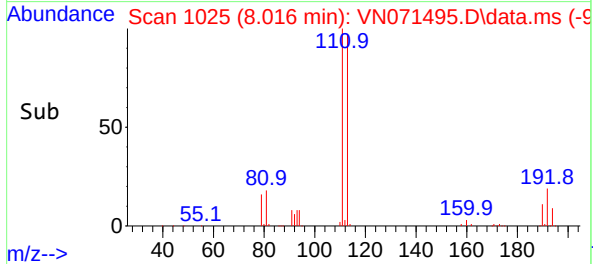
Instrument :
MSVOA_N
ClientSampleId :
G-4-10-25-26



Tgt Ion: 113 Resp: 367758
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.0 16.9 25.3

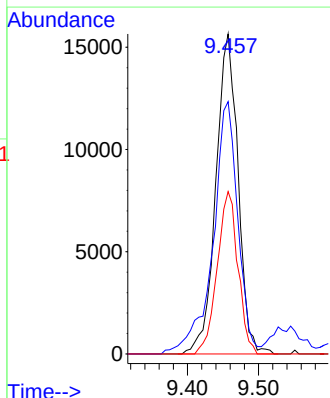
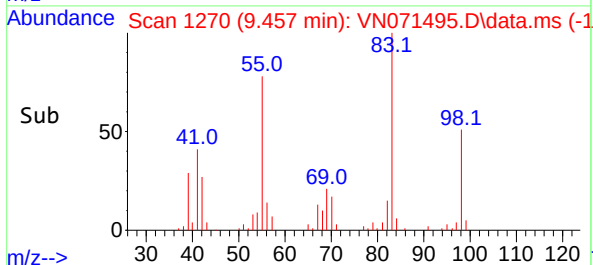
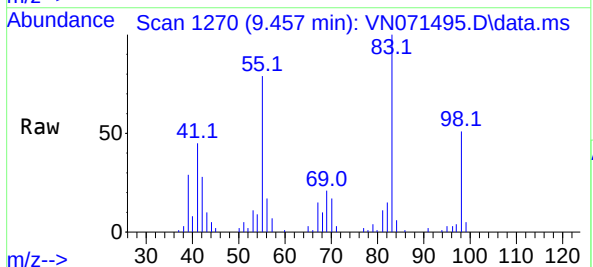
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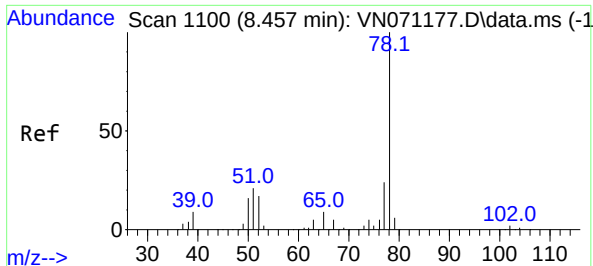
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#39
Methylcyclohexane
Concen: 2.237 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

Tgt Ion: 83 Resp: 33863
Ion Ratio Lower Upper
83 100
55 76.3 58.1 87.1
98 50.8 38.4 57.6





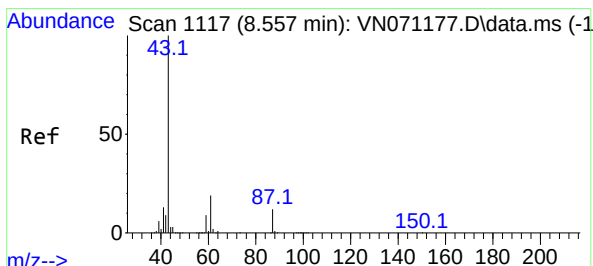
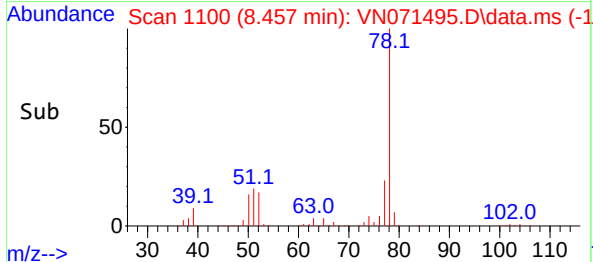
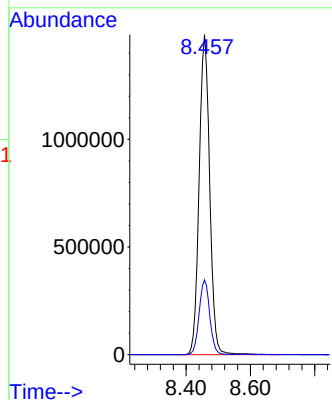
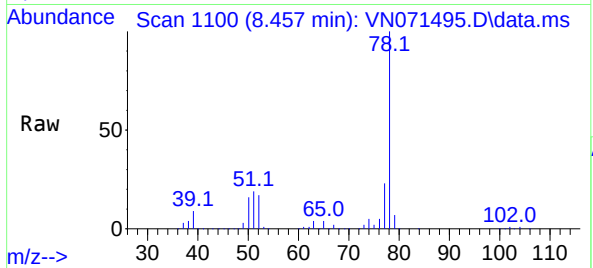
#40
Benzene
Concen: 87.023 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 78 Resp: 337388
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8

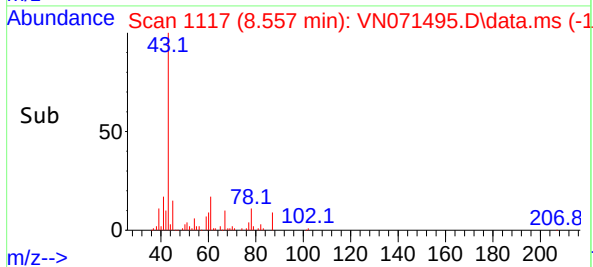
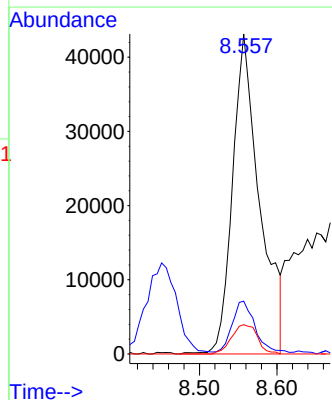
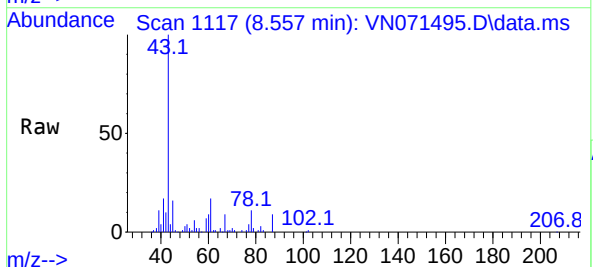
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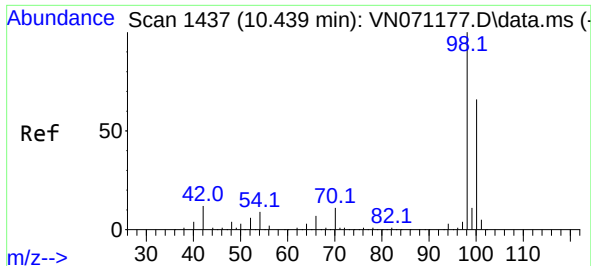
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#43
Isopropyl Acetate
Concen: 3.965 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

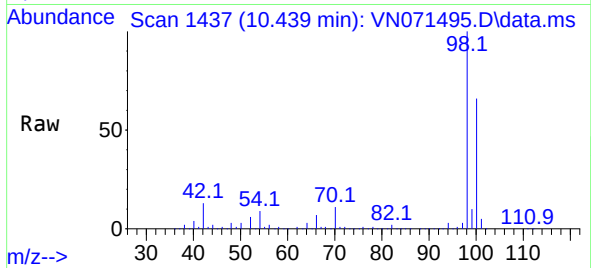
Tgt Ion: 43 Resp: 105008
Ion Ratio Lower Upper
43 100
61 13.5 20.4 30.6#
87 8.7 11.2 16.8#





#50
Toluene-d8
Concen: 50.039 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

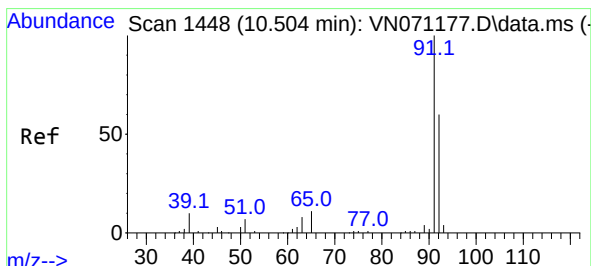
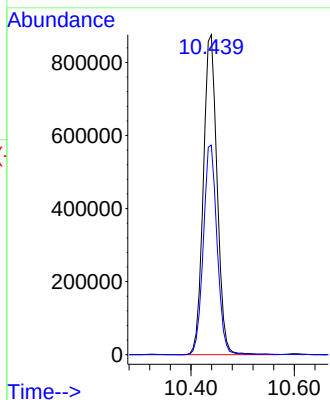
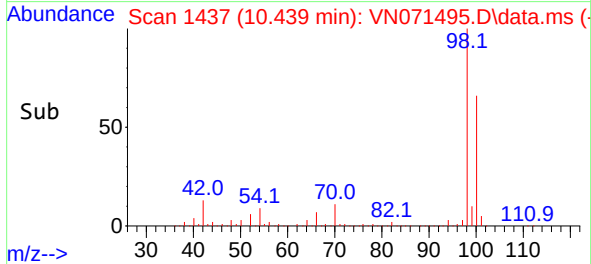
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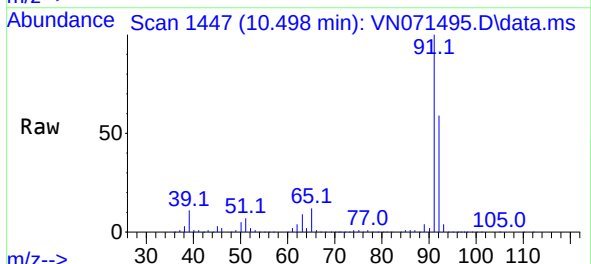
Tgt Ion: 98 Resp: 161809
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6

Manual Integrations
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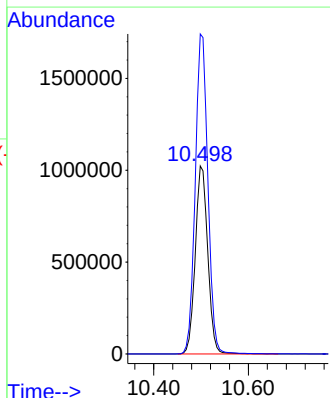
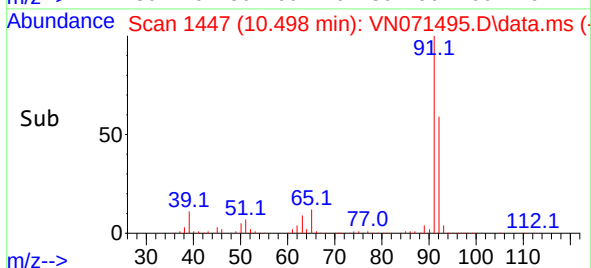
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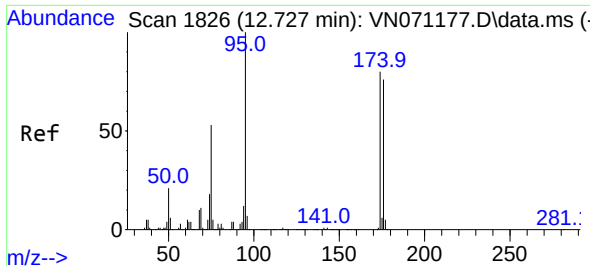


#52
Toluene
Concen: 78.416 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13



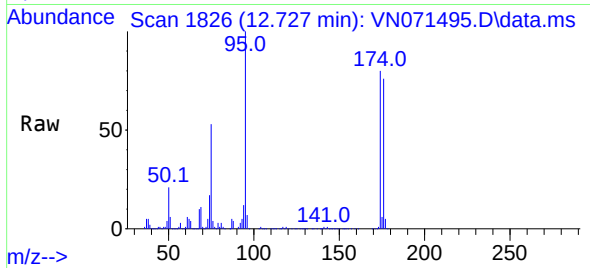
Tgt Ion: 92 Resp: 1872084
Ion Ratio Lower Upper
92 100
91 172.0 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 61.505 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

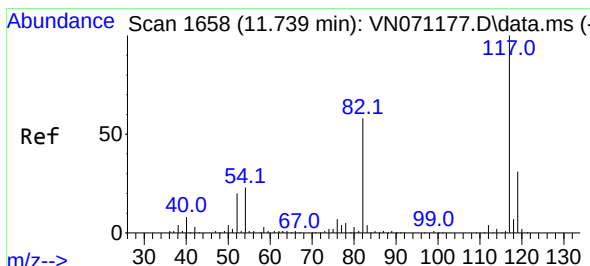
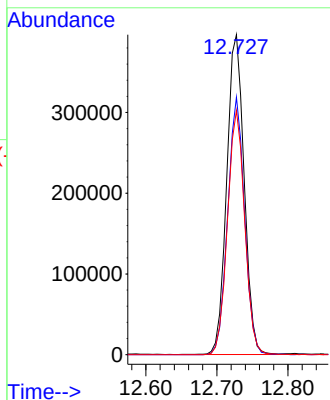
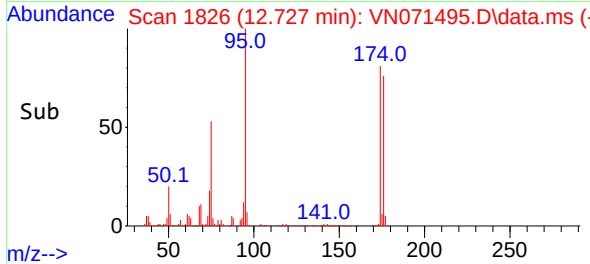
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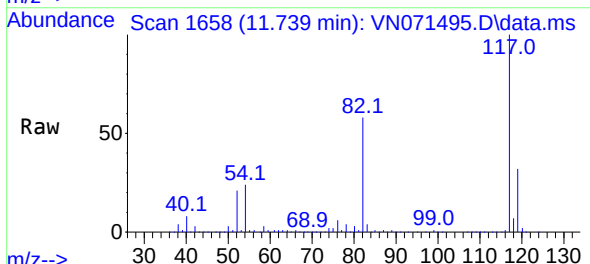
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Ion Ratio Lower Upper
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Manual Integrations
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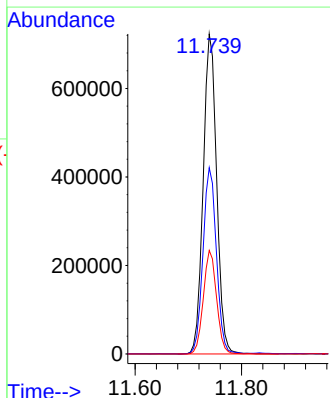
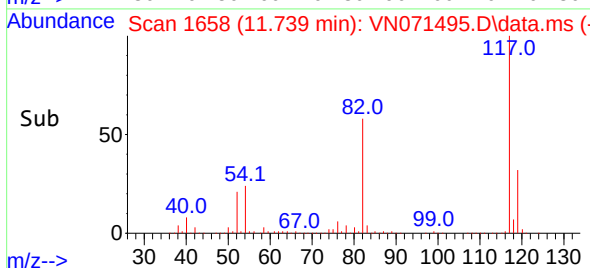
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

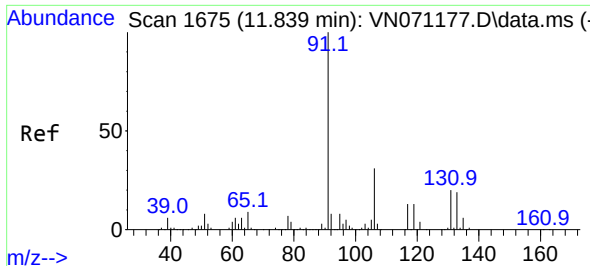


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13



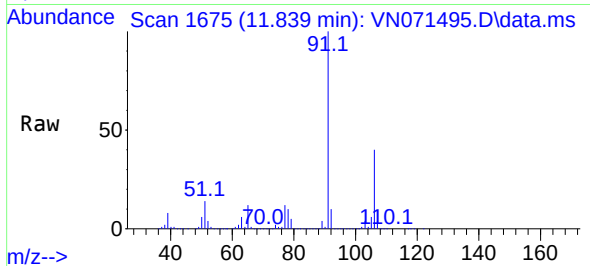
Tgt Ion:117 Resp: 1269913
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.3 25.4 38.2





#67
Ethyl Benzene
Concen: 339.602 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

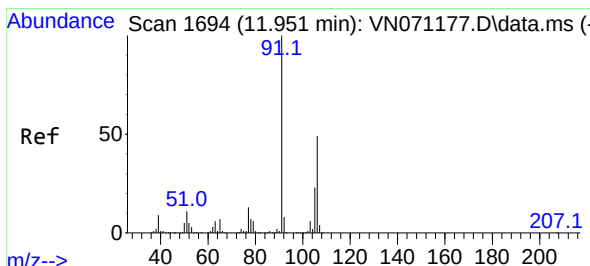
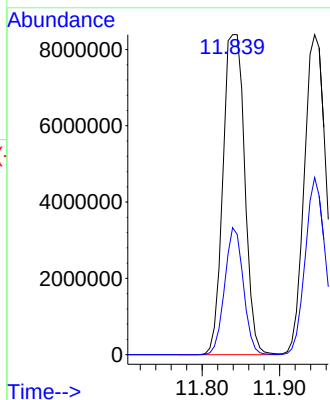
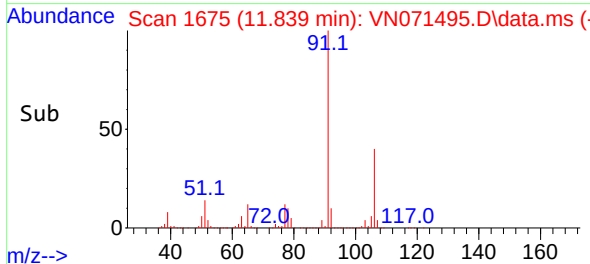
Instrument :
MSVOA_N
Client Sample Id :
G-4-10-25-26



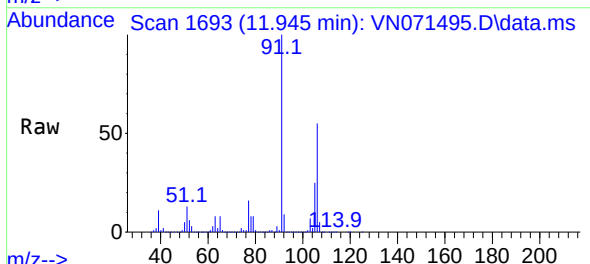
Tgt Ion: 91 Resp: 1637576
Ion Ratio Lower Upper
91 100
106 39.7 25.7 38.5

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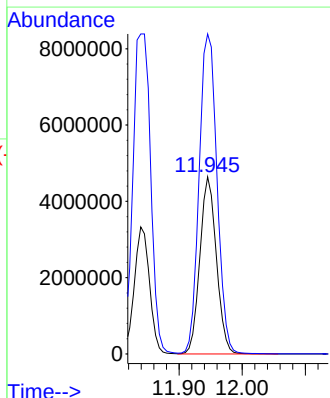
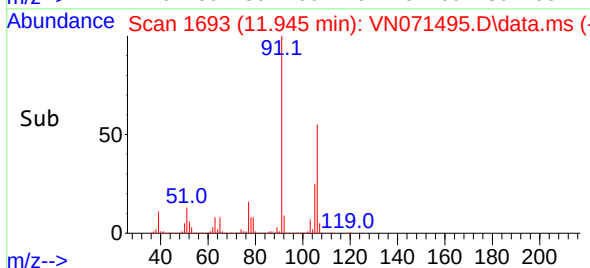
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

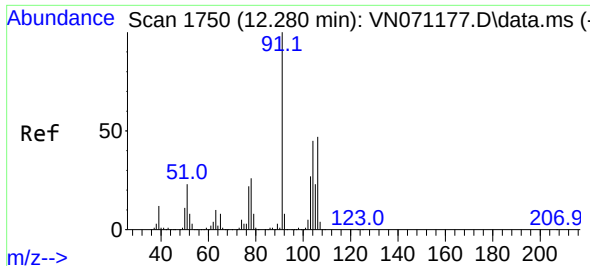


#68
m/p-Xylenes
Concen: 477.557 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13



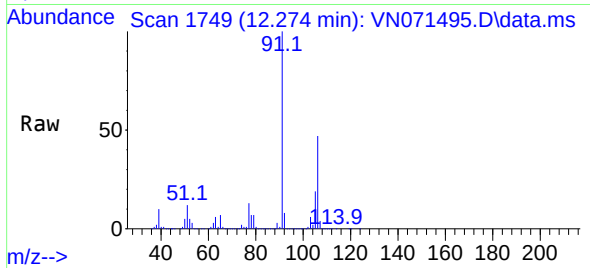
Tgt Ion: 106 Resp: 8424284
Ion Ratio Lower Upper
106 100
91 195.7 160.6 240.8





#69
o-Xylene
Concen: 265.151 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

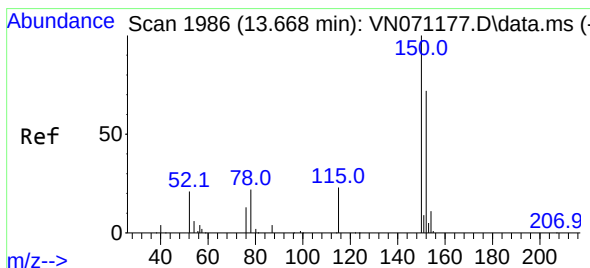
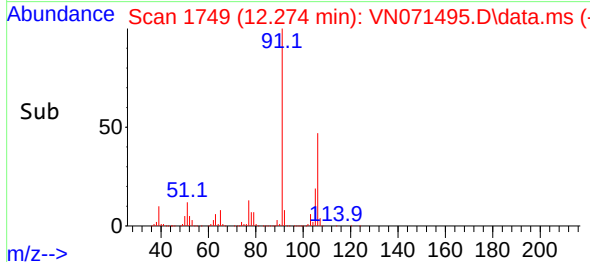
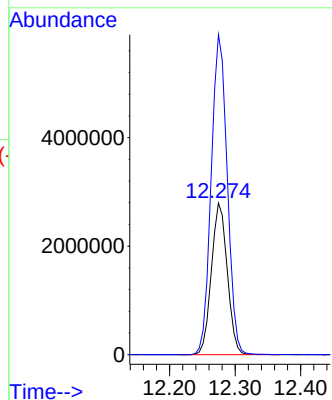
Instrument :
MSVOA_N
ClientSampleId :
G-4-10-25-26



Tgt Ion:106 Resp: 4688569
Ion Ratio Lower Upper
106 100
91 213.7 105.8 317.3

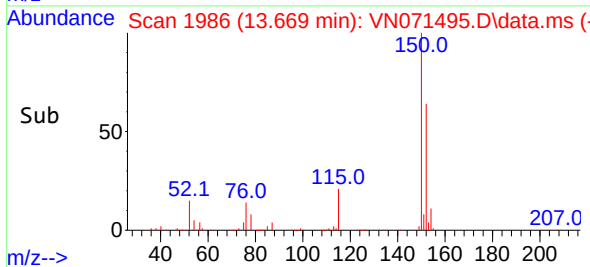
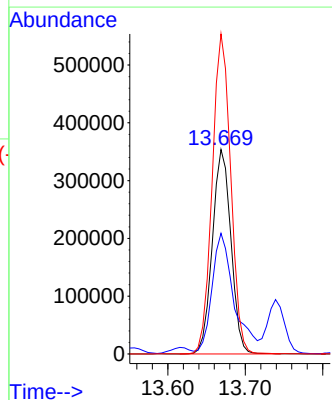
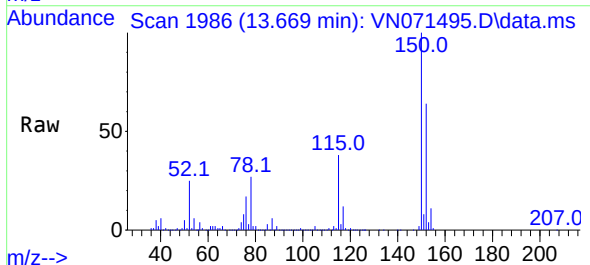
Manual Integrations
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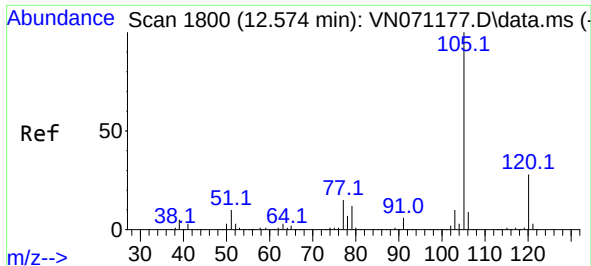
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

Tgt Ion:152 Resp: 590081
Ion Ratio Lower Upper
152 100
115 66.9 27.5 82.5
150 156.0 0.0 344.4





#73
Isopropylbenzene
Concen: 21.086 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

Instrument :

MSVOA_N

ClientSampleId :

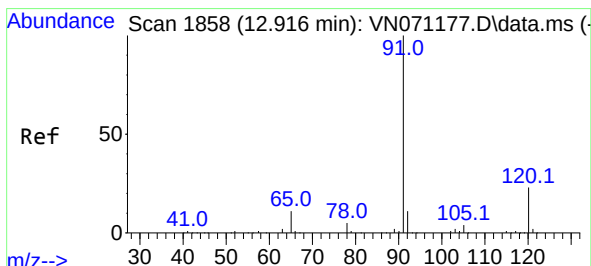
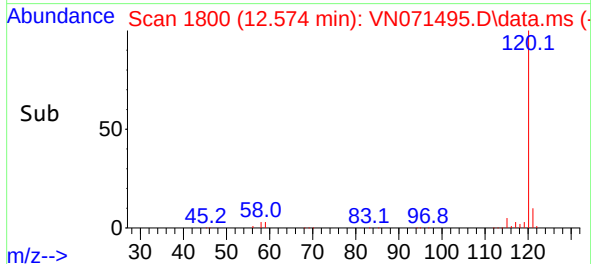
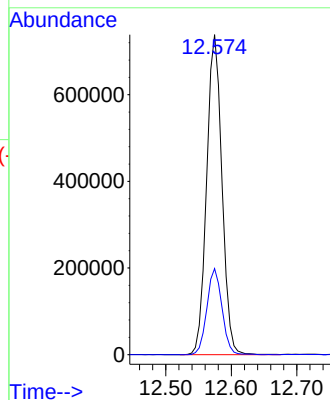
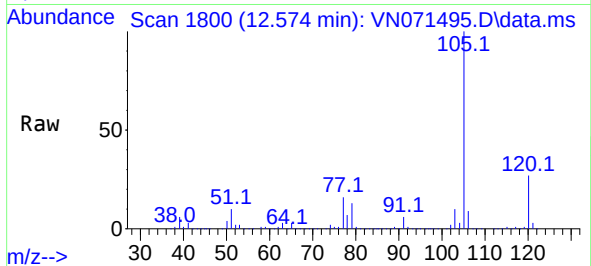
G-4-10-25-26

Tgt Ion:105 Resp: 119942
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

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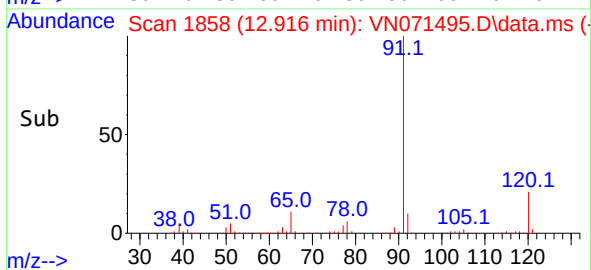
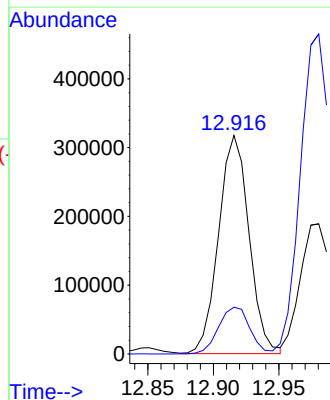
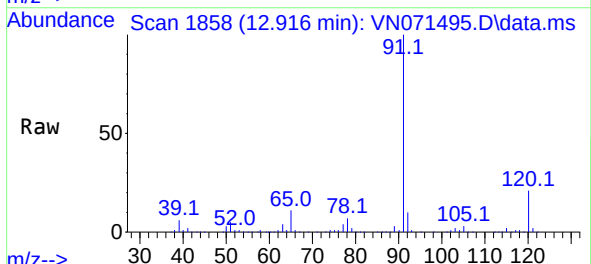
APPROVED

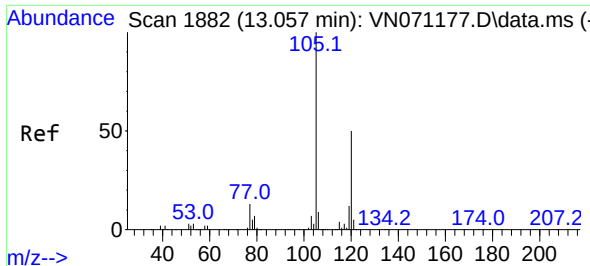
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#78
n-propylbenzene
Concen: 8.384 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

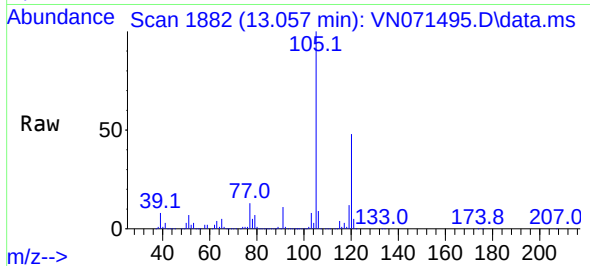
Tgt Ion: 91 Resp: 511732
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





#80
1,3,5-Trimethylbenzene
Concen: 30.906 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

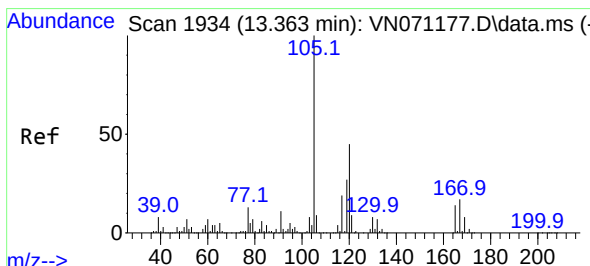
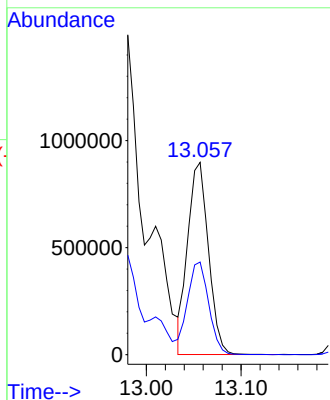
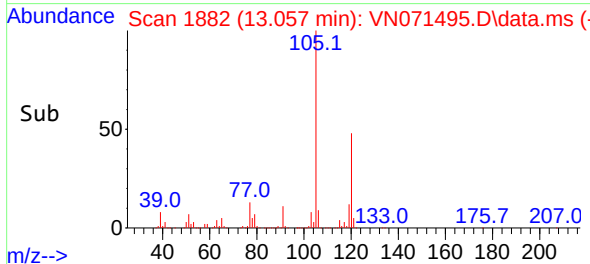
Instrument :
MSVOA_N
ClientSampleId :
G-4-10-25-26



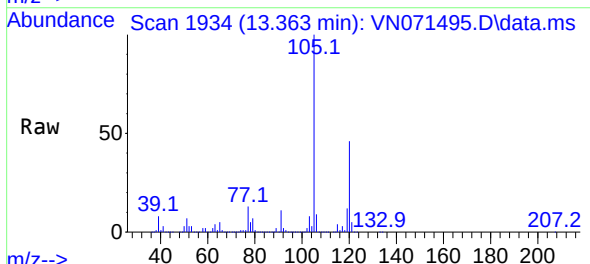
Tgt Ion:105 Resp: 1367740
Ion Ratio Lower Upper
105 100
120 50.7 24.6 73.6

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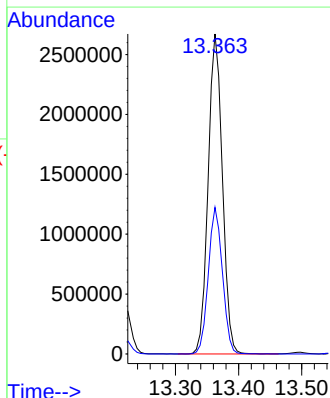
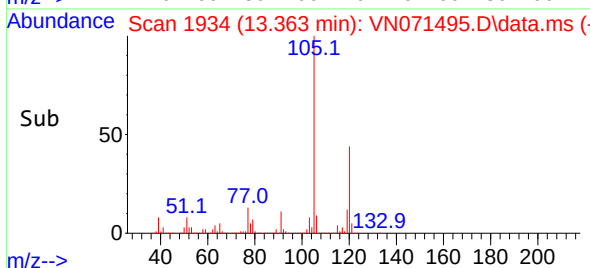
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

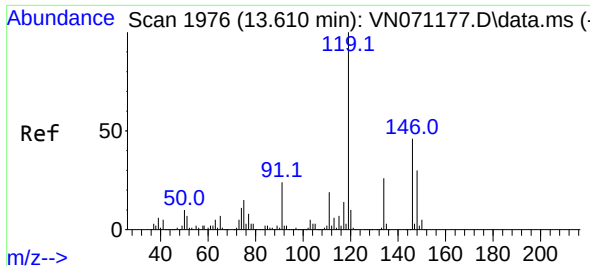


#84
1,2,4-Trimethylbenzene
Concen: 98.759 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13



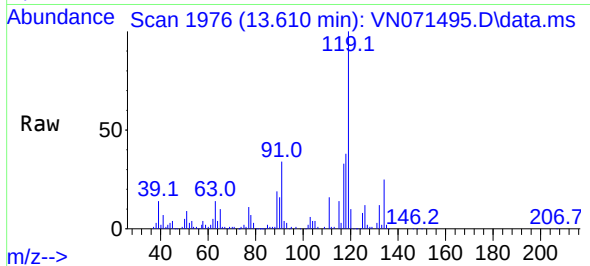
Tgt Ion:105 Resp: 4186342
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.4





#86
p-Isopropyltoluene
Concen: 2.949 ug/l m
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13

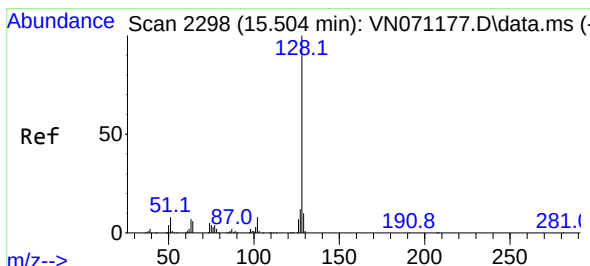
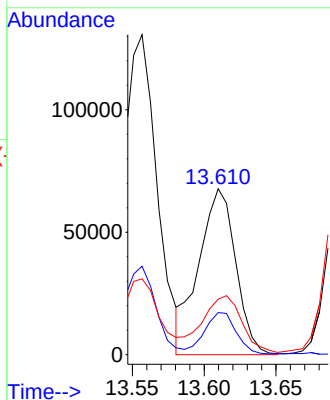
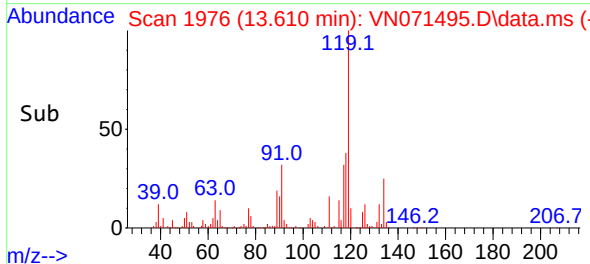
Instrument :
MSVOA_N
ClientSampleId :
G-4-10-25-26



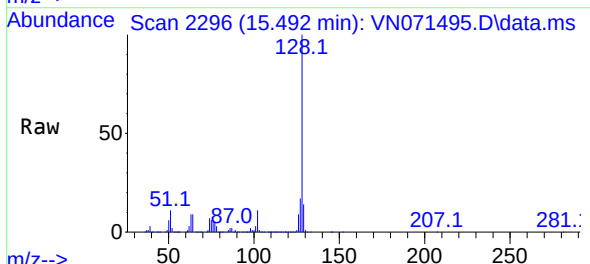
Tgt Ion:119 Resp: 121750
Ion Ratio Lower Upper
119 100
134 47.1 13.6 40.7#
91 42.2 11.4 34.1#

Manual Integrations
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Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#95
Naphthalene
Concen: 667.931 ug/l
RT: 15.492 min Scan# 2296
Delta R.T. -0.012 min
Lab File: VN071495.D
Acq: 23 Mar 2022 04:13



Tgt Ion:128 Resp:19953222
Ion Ratio Lower Upper
128 100
127 16.1 10.5 15.7#
129 13.8 8.7 13.1#

