

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072483.D
 Acq On : 13 May 2022 17:38
 Operator : JC\MD
 Sample : N2800-12DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051022DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
 Supervised By :Semsettin Yesilyurt 05/25/2022

Quant Time: May 14 02:37:13 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	8.081	168	308860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	466326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	409256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	166372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	225078	47.578	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.160%		
35) Dibromofluoromethane	8.016	113	155268	50.047	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.100%		
50) Toluene-d8	10.439	98	588693	49.823	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.727	95	197433	50.313	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.620%		
Target Compounds						
						Qvalue
25) 2-Butanone	7.333	43	3022	1.022	ug/l	# 75
31) Cyclohexane	8.098	56	28993	4.625	ug/l	# 80
39) Methylcyclohexane	9.463	83	16007	3.196	ug/l	91
52) Toluene	10.498	92	42736	5.207	ug/l	98
67) Ethyl Benzene	11.839	91	205751	14.262	ug/l	98
68) m/p-Xylenes	11.945	106	199134	36.394	ug/l	93
69) o-Xylene	12.274	106	98849	18.387	ug/l	91
73) Isopropylbenzene	12.574	105	21186	1.537	ug/l	98
78) n-propylbenzene	12.915	91	44148	2.993	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	61430	5.442	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	211214	19.235	ug/l	94
85) sec-Butylbenzene	13.492	105	4497m	0.341	ug/l	
89) n-Butylbenzene	13.939	91	4681	0.597	ug/l	# 81
95) Naphthalene	15.504	128	33720	7.148	ug/l	98

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

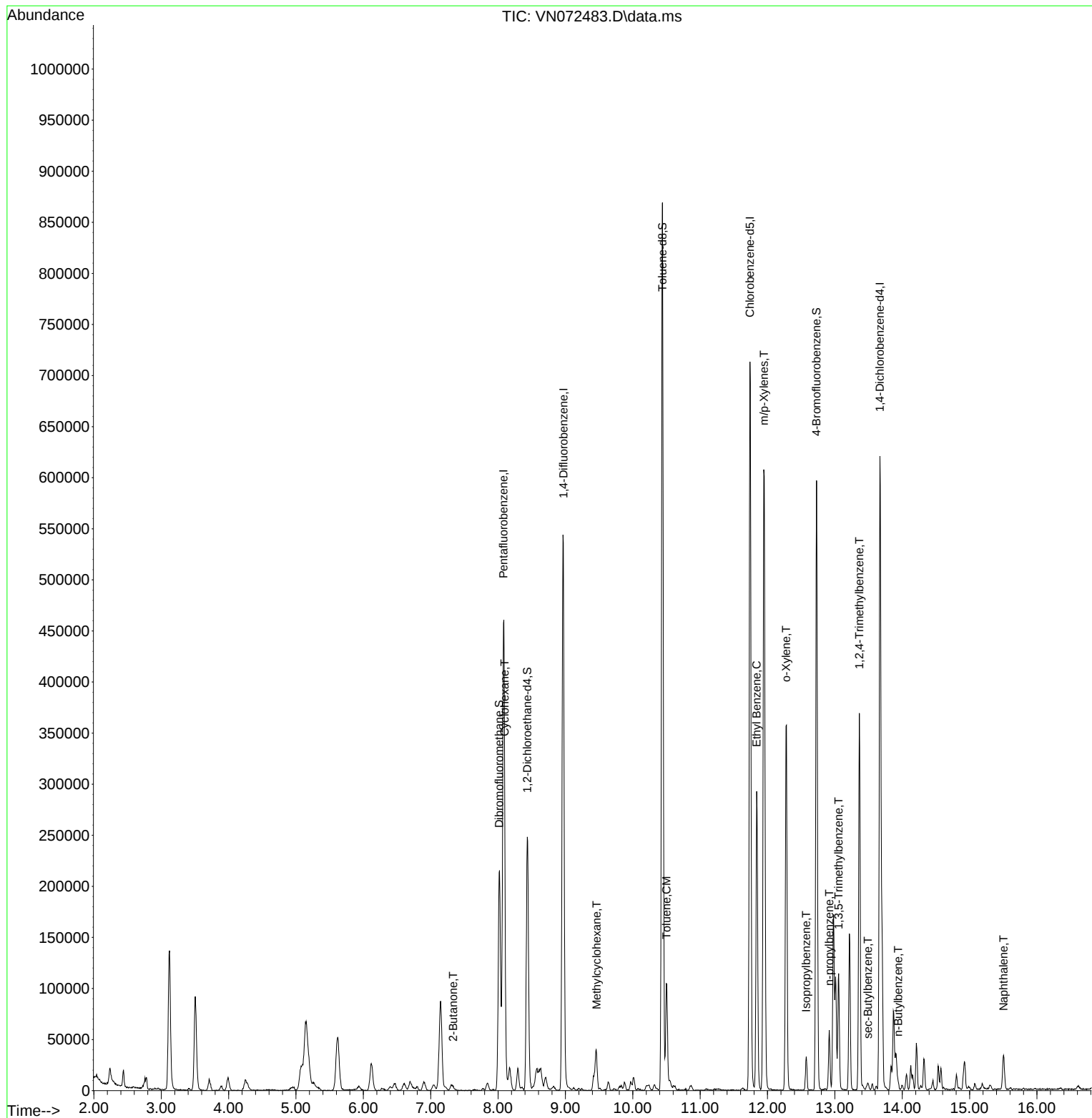
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
Data File : VN072483.D
Acq On : 13 May 2022 17:38
Operator : JC\MD
Sample : N2800-12DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

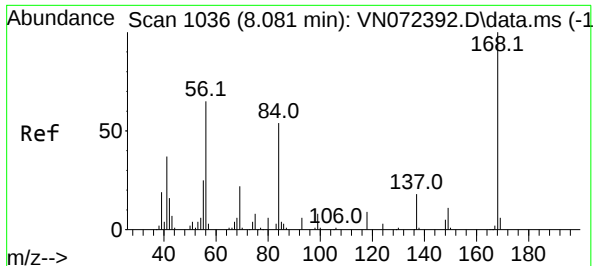
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL

Quant Time: May 14 02:37:13 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

Manual Integrations
APPROVED

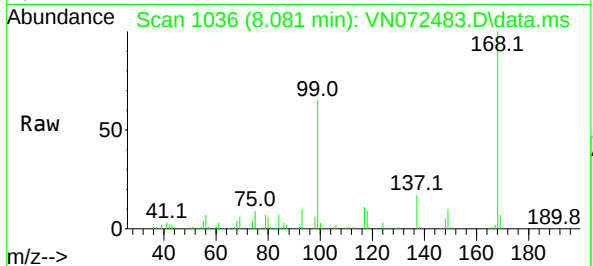
Reviewed By : Mahesh Dadoda 05/25/2022
Supervised By : Semsettin Yesilyurt 05/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

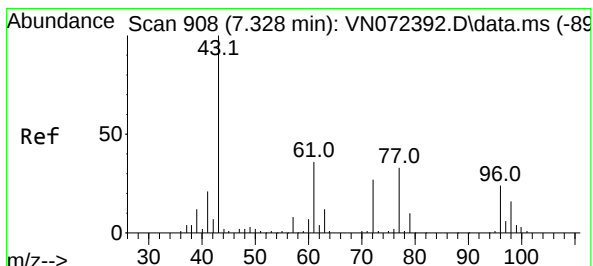
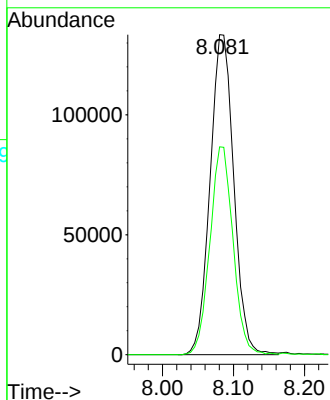
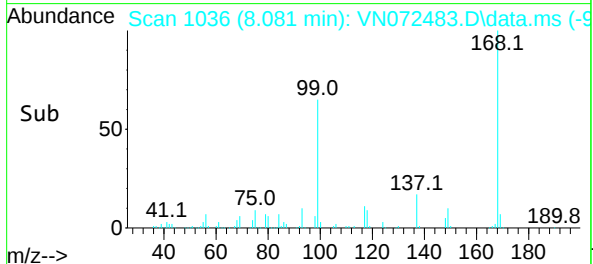
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



Tgt Ion:168 Resp: 308860
Ion Ratio Lower Upper
168 100
99 64.9 42.3 63.5

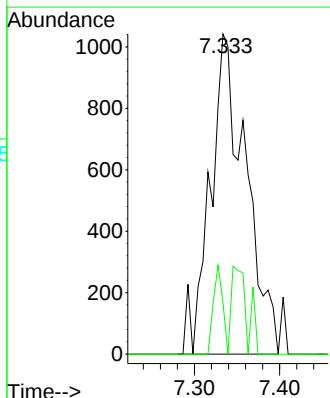
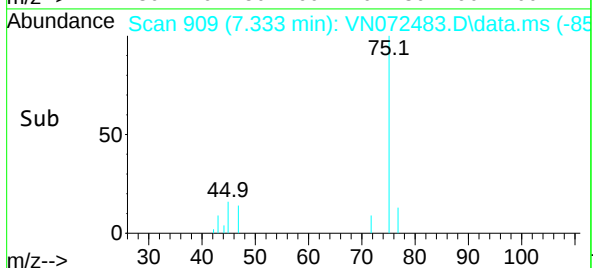
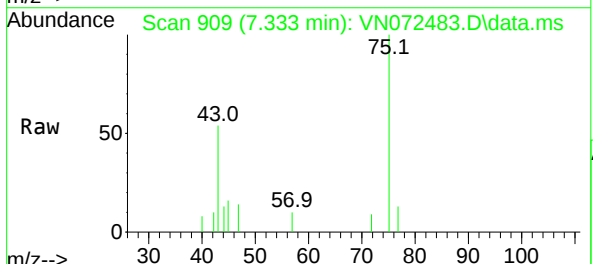
Manual Integrations
APPROVED

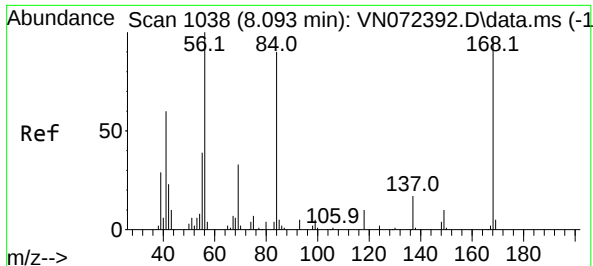
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#25
2-Butanone
Concen: 1.022 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

Tgt Ion: 43 Resp: 3022
Ion Ratio Lower Upper
43 100
72 16.0 23.7 35.5#





#31

Cyclohexane

Concen: 4.625 ug/l

RT: 8.098 min Scan# 1038

Delta R.T. 0.005 min

Lab File: VN072483.D

Acq: 13 May 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

DUP051022DL

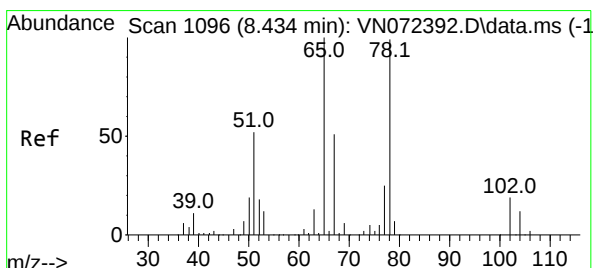
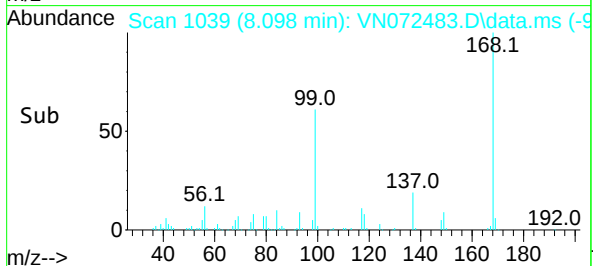
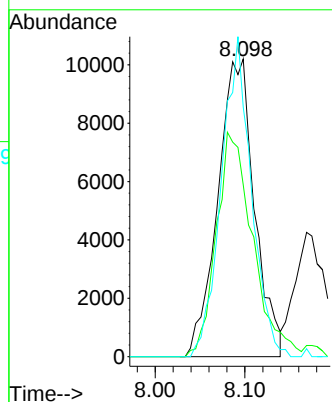
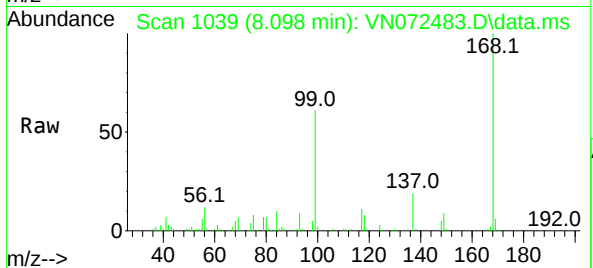
Tgt Ion: 56 Resp: 2899

Ion	Ratio	Lower	Upper
56	100		
69	57.7	27.8	41.8
84	83.7	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#33

1,2-Dichloroethane-d4

Concen: 47.578 ug/l

RT: 8.433 min Scan# 1096

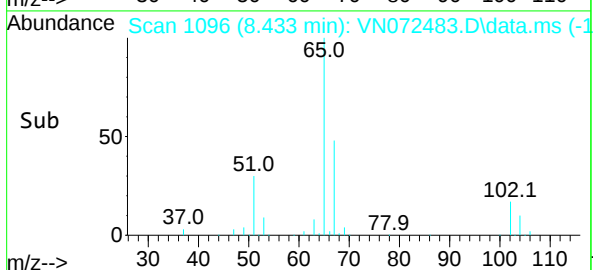
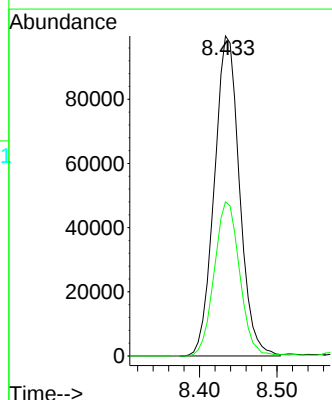
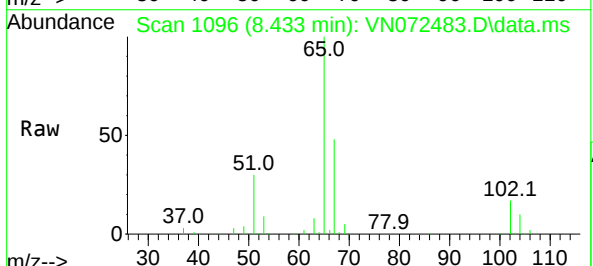
Delta R.T. -0.001 min

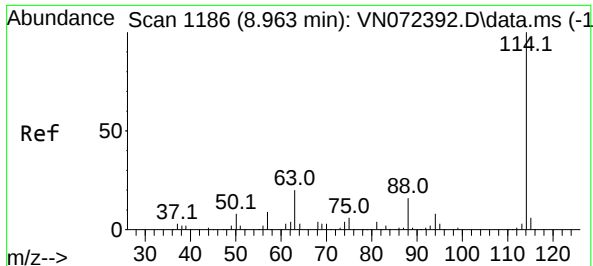
Lab File: VN072483.D

Acq: 13 May 2022 17:38

Tgt Ion: 65 Resp: 225078

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072483.D

Acq: 13 May 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

DUP051022DL

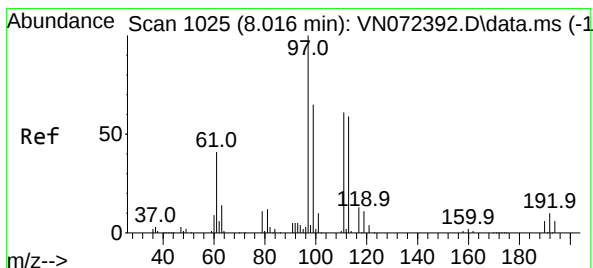
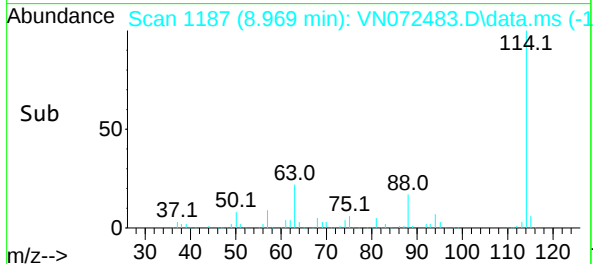
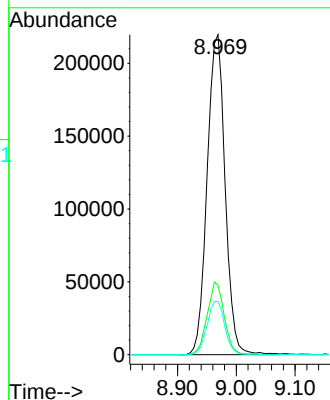
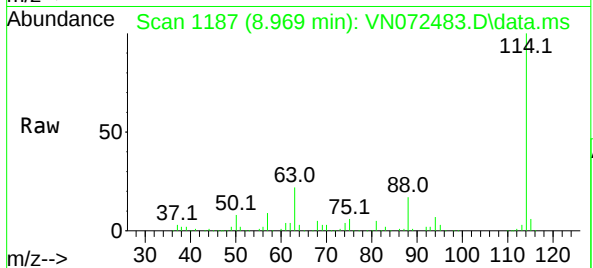
Tgt Ion:114 Resp: 466320

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.0
88	16.6	0.0	32.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#35

Dibromofluoromethane

Concen: 50.047 ug/l

RT: 8.016 min Scan# 1025

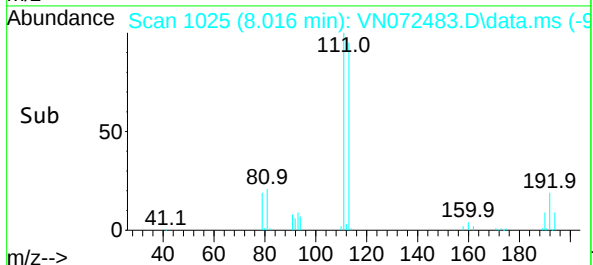
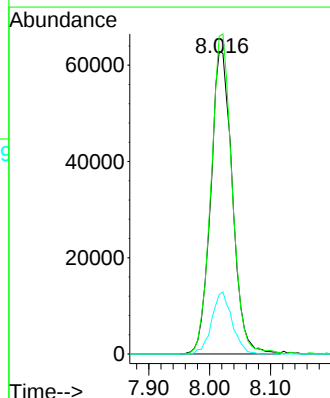
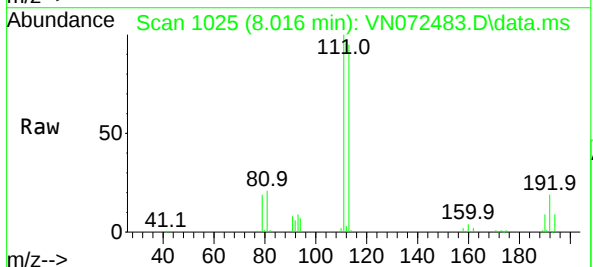
Delta R.T. -0.000 min

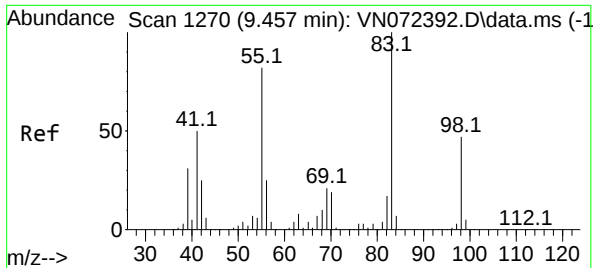
Lab File: VN072483.D

Acq: 13 May 2022 17:38

Tgt Ion:113 Resp: 155268

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	19.2	17.0	25.6





#39

Methylcyclohexane

Concen: 3.196 ug/l

RT: 9.463 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VN072483.D

Acq: 13 May 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

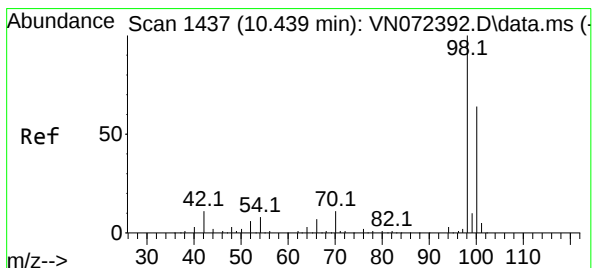
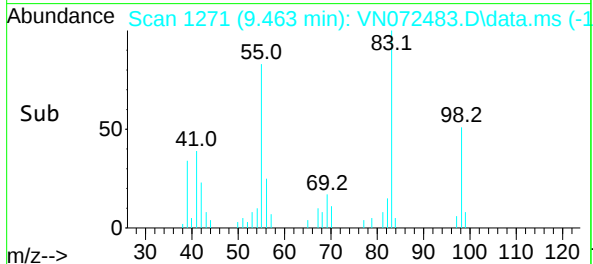
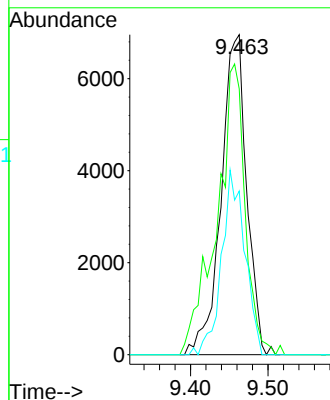
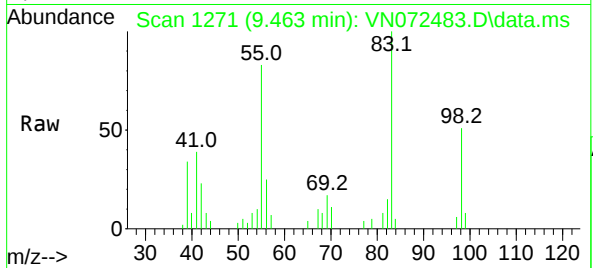
DUP051022DL

Tgt Ion: 83	Resp: 1600
Ion Ratio	Lower Upper
83 100	
55 83.1	57.8 86.8
98 51.2	39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#50

Toluene-d8

Concen: 49.823 ug/l

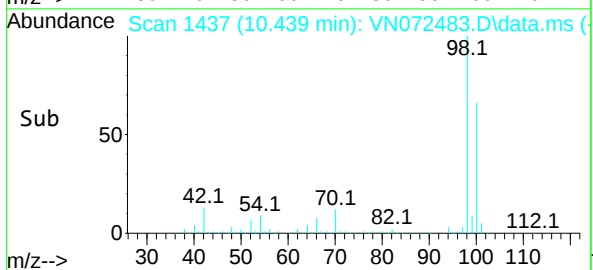
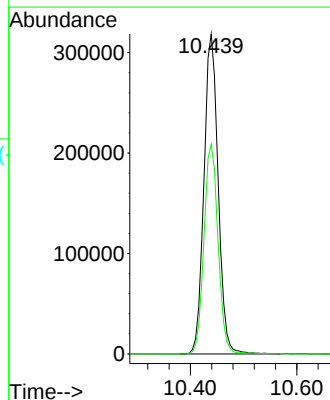
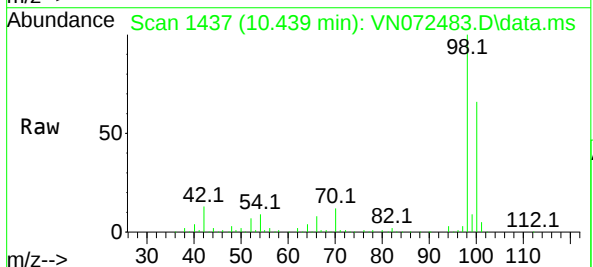
RT: 10.439 min Scan# 1437

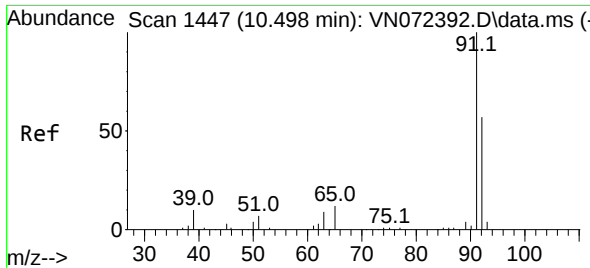
Delta R.T. 0.000 min

Lab File: VN072483.D

Acq: 13 May 2022 17:38

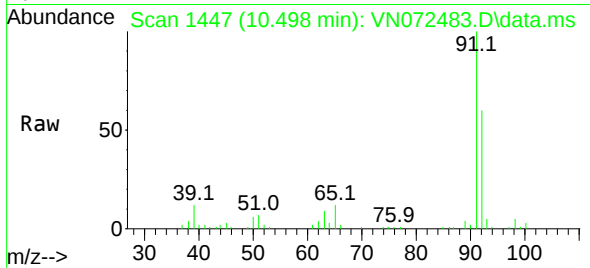
Tgt Ion: 98	Resp: 588693
Ion Ratio	Lower Upper
98 100	
100 65.1	52.6 78.8





#52
Toluene
Concen: 5.207 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

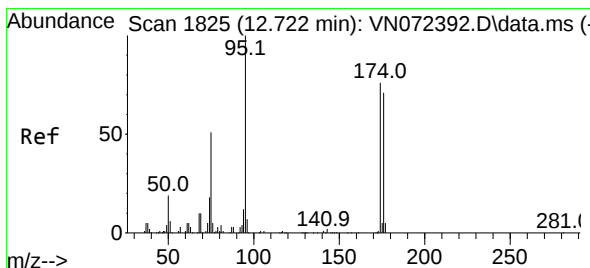
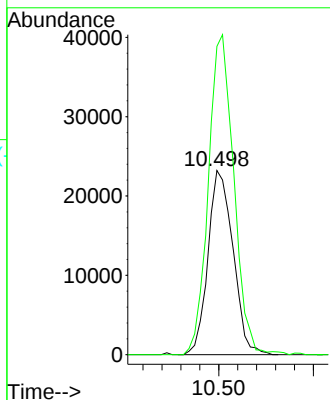
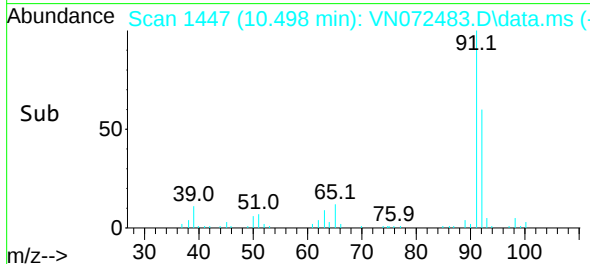
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



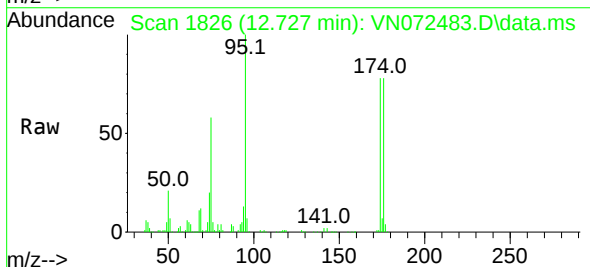
Tgt Ion: 92 Resp: 42730
Ion Ratio Lower Upper
92 100
91 176.3 138.6 207.8

Manual Integrations
APPROVED

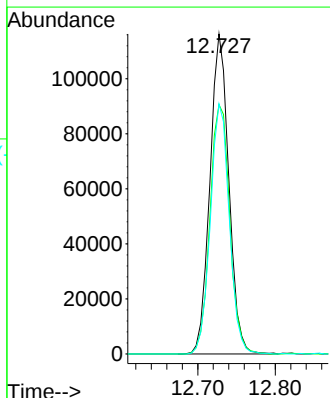
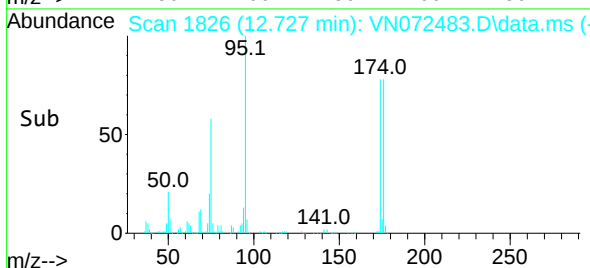
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

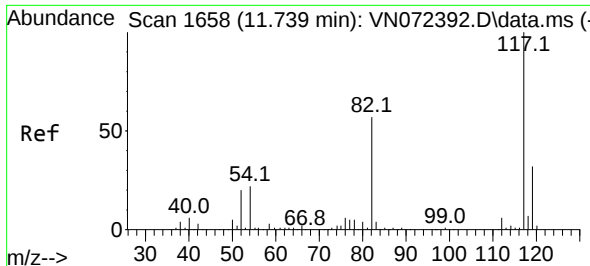


#62
4-Bromofluorobenzene
Concen: 50.313 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38



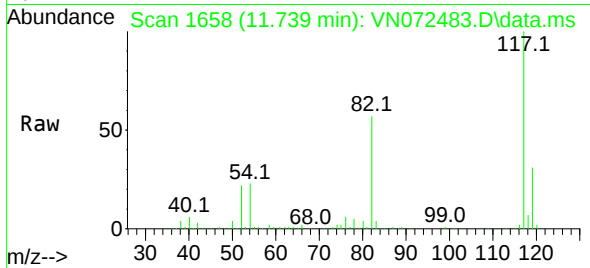
Tgt Ion: 95 Resp: 197433
Ion Ratio Lower Upper
95 100
174 81.7 0.0 167.6
176 78.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

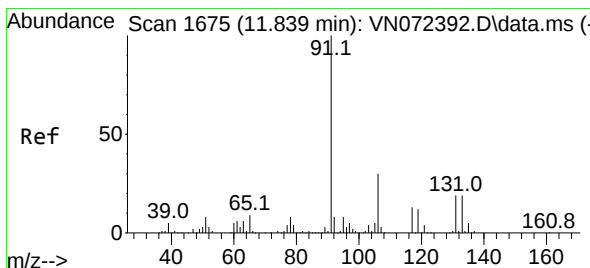
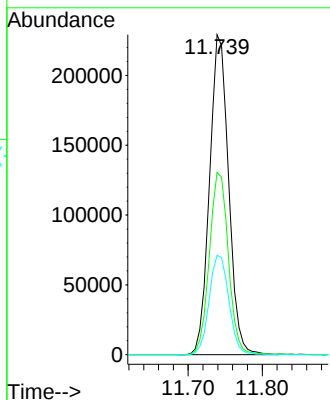
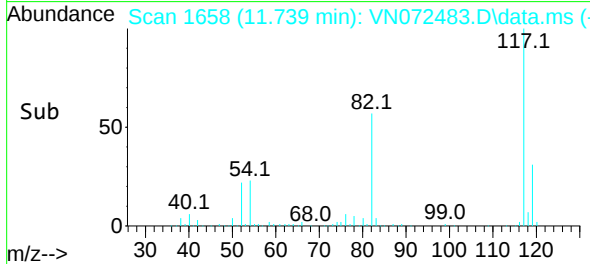
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



Tgt Ion: 117 Resp: 409250
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 31.0 25.4 38.0

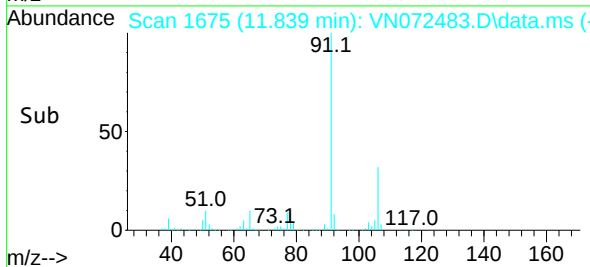
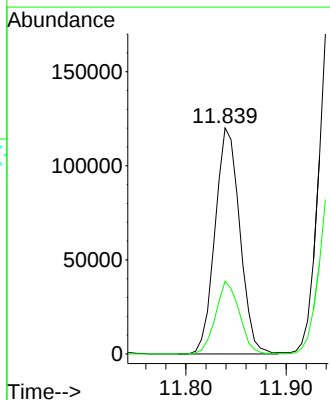
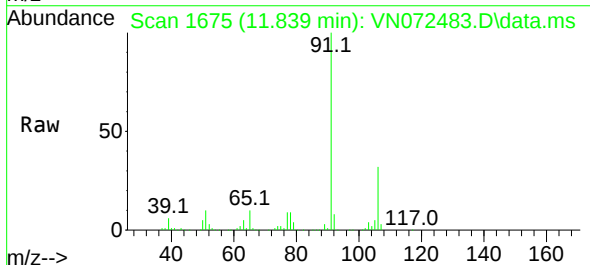
Manual Integrations
APPROVED

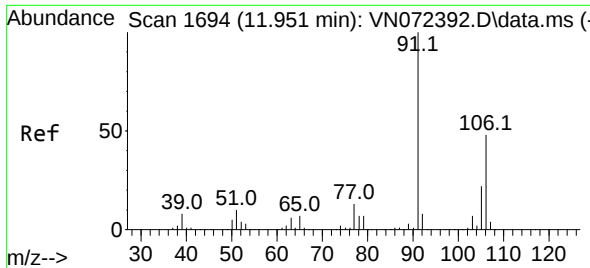
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#67
Ethyl Benzene
Concen: 14.262 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

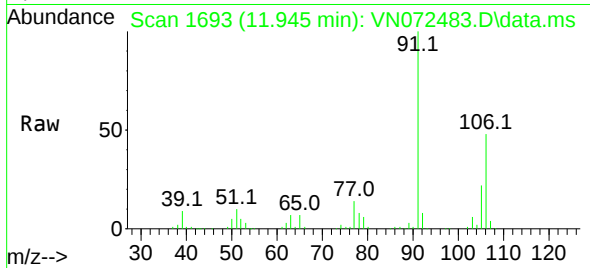
Tgt Ion: 91 Resp: 205751
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3





#68
m/p-Xylenes
Concen: 36.394 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

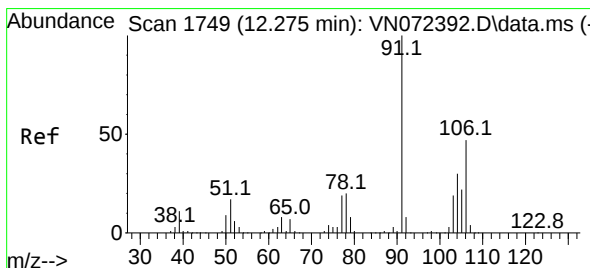
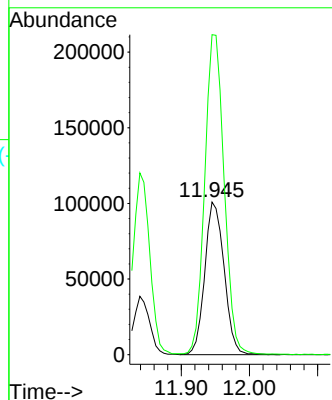
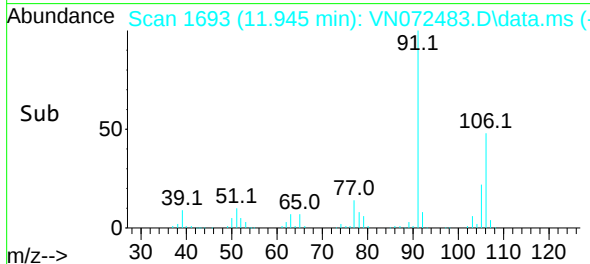
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



Tgt Ion:106 Resp: 199134
Ion Ratio Lower Upper
106 100
91 209.4 158.9 238.3

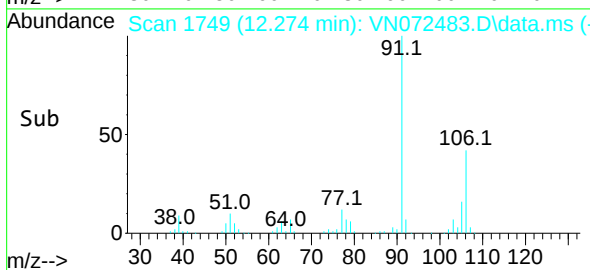
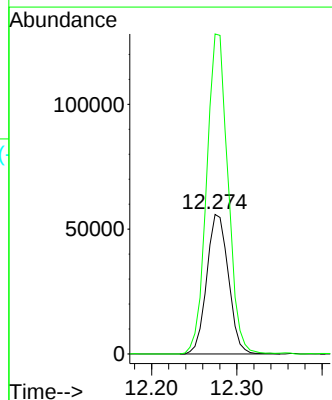
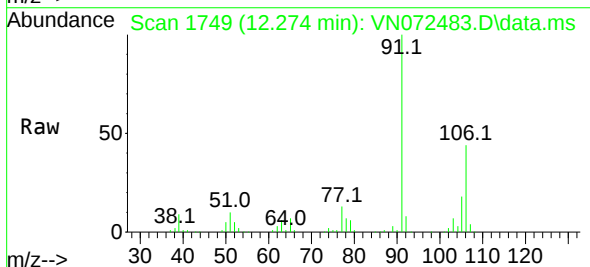
Manual Integrations
APPROVED

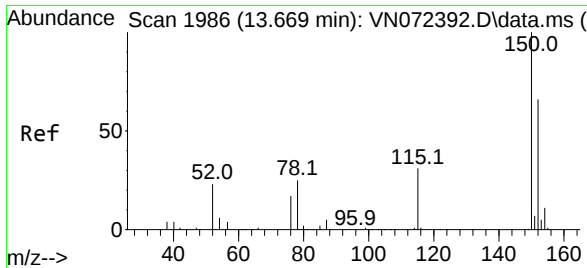
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#69
o-Xylene
Concen: 18.387 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

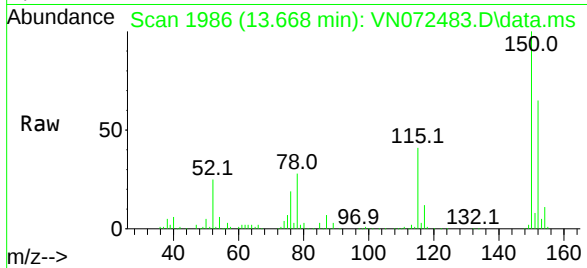
Tgt Ion:106 Resp: 98849
Ion Ratio Lower Upper
106 100
91 225.9 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

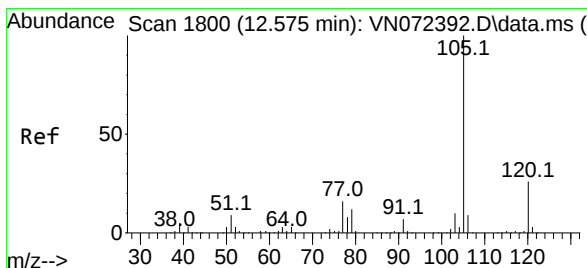
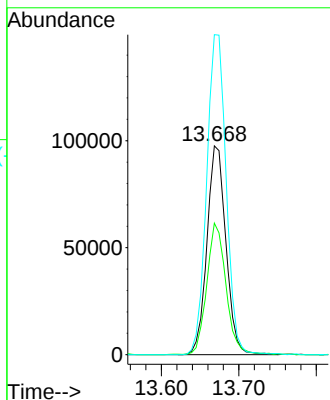
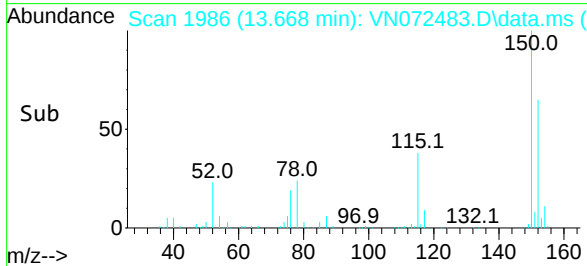
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



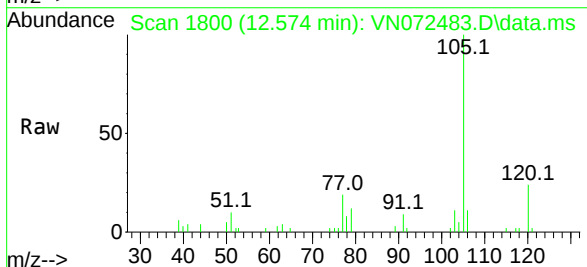
Tgt Ion:152 Resp: 166372
Ion Ratio Lower Upper
152 100
115 64.1 28.9 86.7
150 157.3 0.0 356.2

Manual Integrations
APPROVED

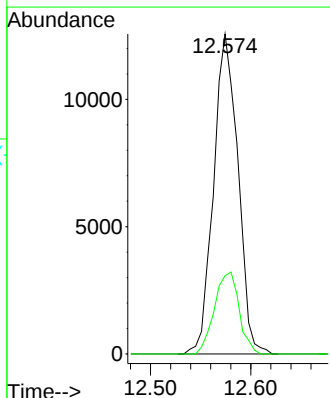
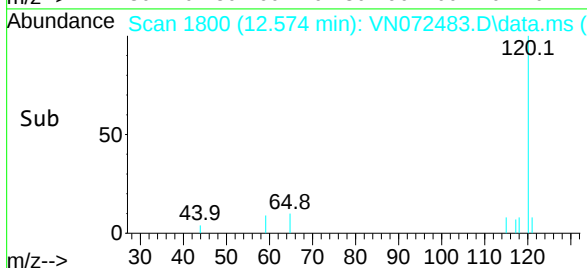
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

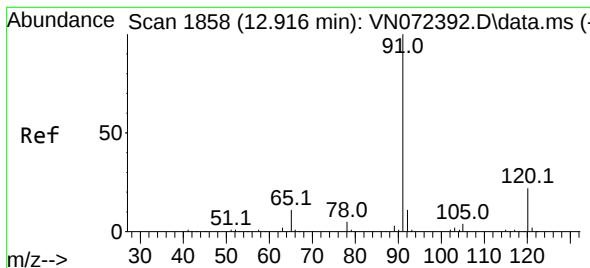


#73
Isopropylbenzene
Concen: 1.537 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38



Tgt Ion:105 Resp: 21186
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4





#78

n-propylbenzene

Concen: 2.993 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. -0.001 min

Lab File: VN072483.D

Acq: 13 May 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

DUP051022DL

Tgt Ion: 91 Resp: 44148

Ion Ratio Lower Upper

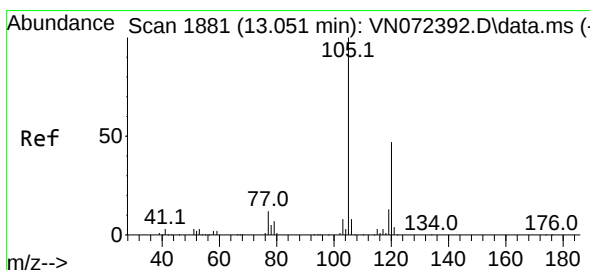
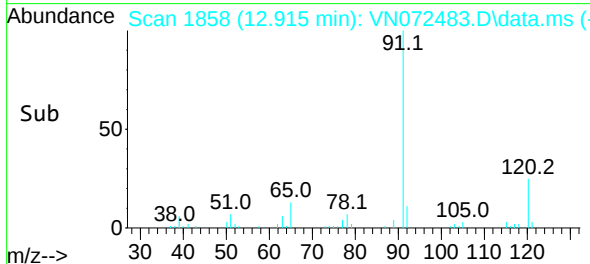
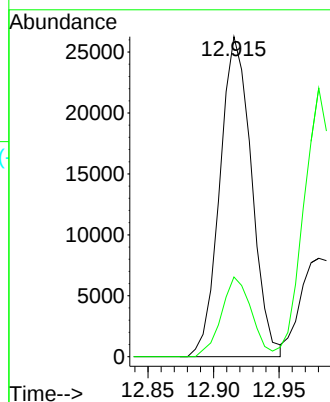
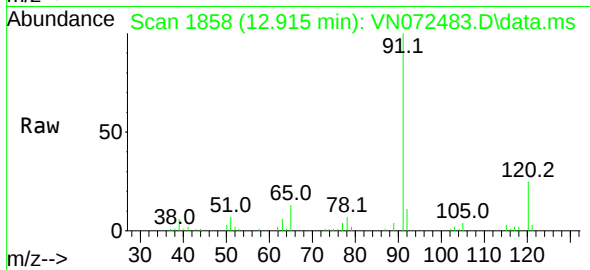
91 100

120 23.6 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#80

1,3,5-Trimethylbenzene

Concen: 5.442 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.006 min

Lab File: VN072483.D

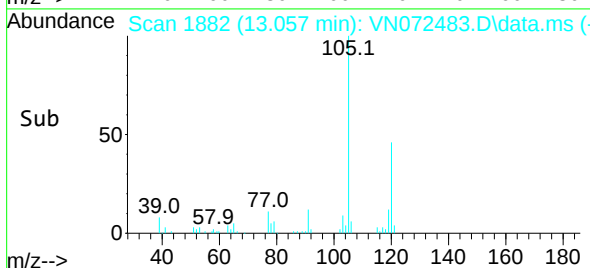
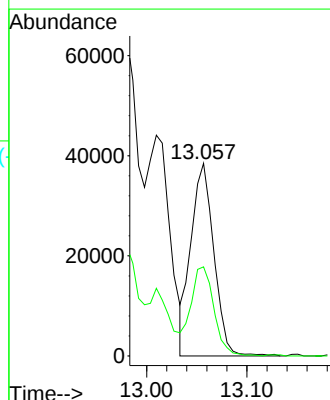
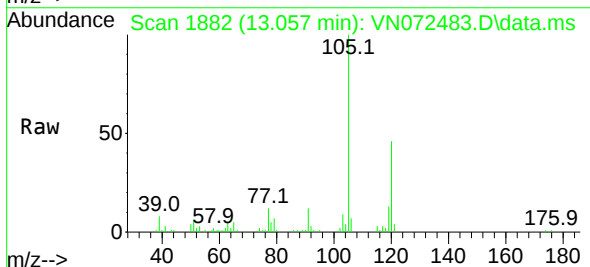
Acq: 13 May 2022 17:38

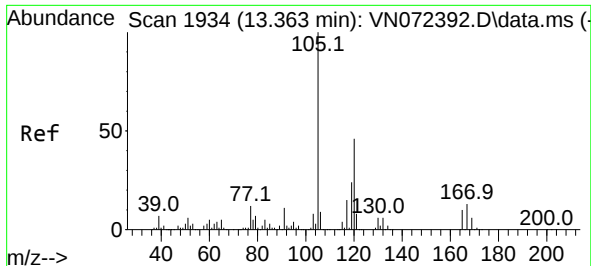
Tgt Ion:105 Resp: 61430

Ion Ratio Lower Upper

105 100

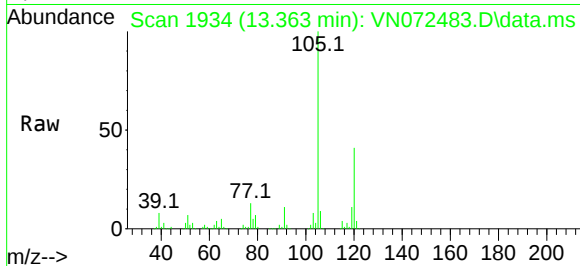
120 46.7 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 19.235 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

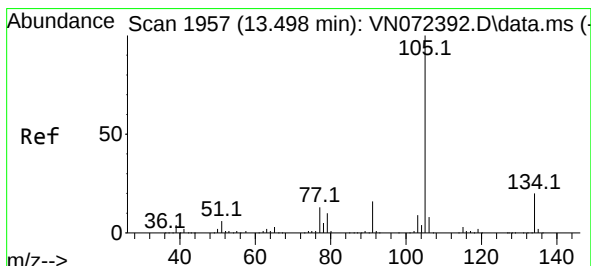
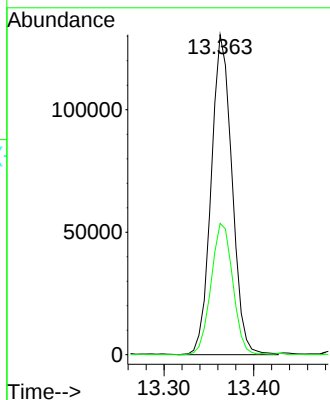
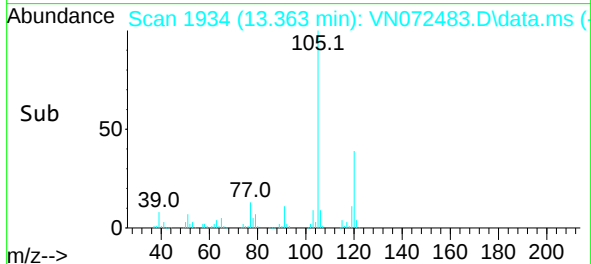
Instrument :
MSVOA_N
ClientSampleId :
DUP051022DL



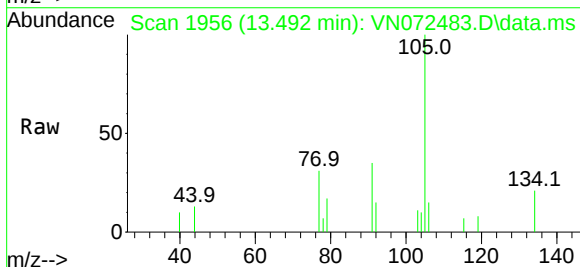
Tgt Ion:105 Resp: 211214
Ion Ratio Lower Upper
105 100
120 42.7 23.3 69.8

Manual Integrations
APPROVED

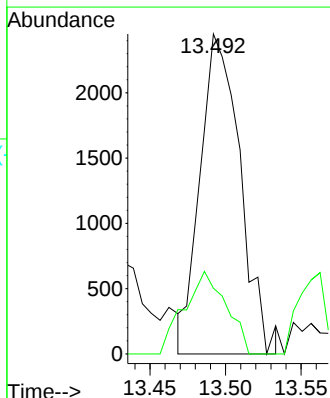
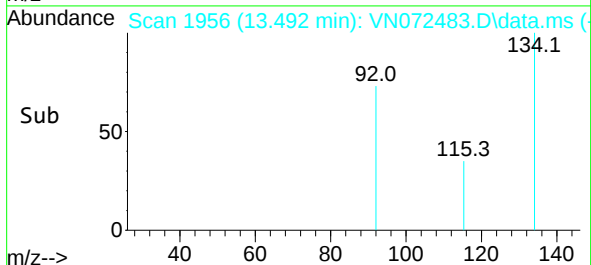
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

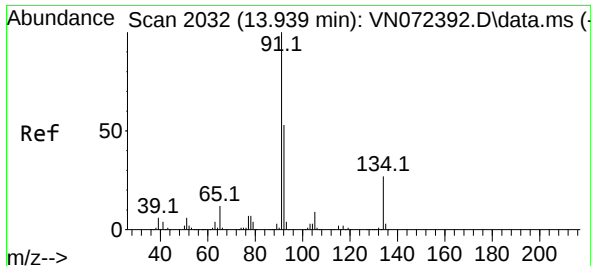


#85
sec-Butylbenzene
Concen: 0.341 ug/l m
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38



Tgt Ion:105 Resp: 4497
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





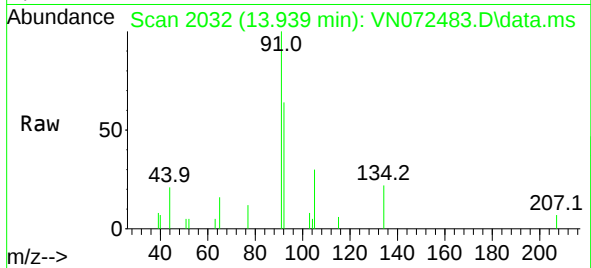
#89
n-Butylbenzene
Concen: 0.597 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

DUP051022DL

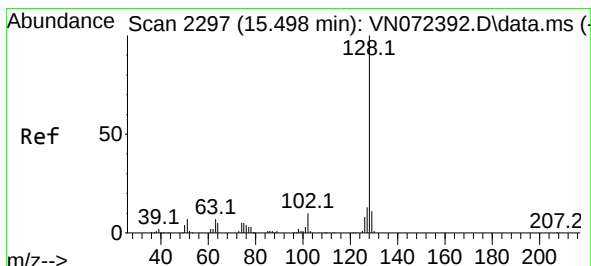
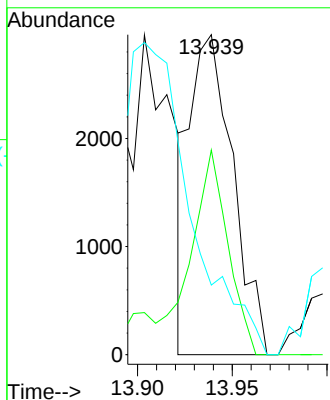
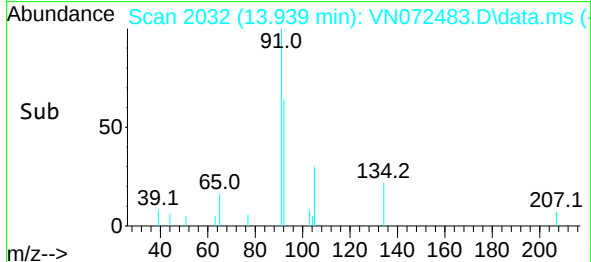


Tgt Ion: 91 Resp: 468
Ion Ratio Lower Upper
91 100
92 55.1 26.9 80.7
134 0.0 13.6 40.8

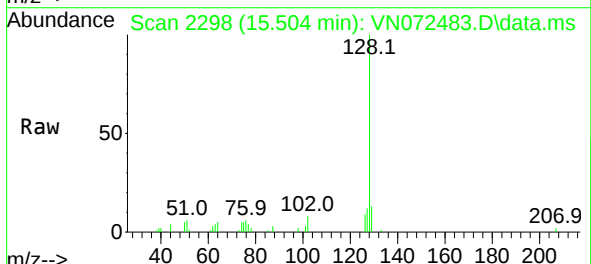
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#95
Naphthalene
Concen: 7.148 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072483.D
Acq: 13 May 2022 17:38



Tgt Ion:128 Resp: 33720
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.8 8.6 13.0

