

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072105.D
 Acq On : 25 Feb 2022 17:30
 Operator : VA/SY
 Sample : N1655-10
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UNK-NORTH

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:43:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	615590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1027469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1016668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	515593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	279528	43.776	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.560%		
35) Dibromofluoromethane	7.914	113	296372	47.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.220%		
50) Toluene-d8	10.338	98	1696510	73.489	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	146.980%#		
62) 4-Bromofluorobenzene	12.620	95	709688	83.691	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	167.380%#		
Target Compounds						Qvalue
17) Carbon Disulfide	4.415	76	6897	1.096	ug/l #	67
39) Methylcyclohexane	9.355	83	6547589	593.270	ug/l	99
40) Benzene	8.350	78	1411485	53.047	ug/l	98
52) Toluene	10.397	92	143697	8.439	ug/l	95
67) Ethyl Benzene	11.738	91	5695326	164.381	ug/l	99
68) m/p-Xylenes	11.844	106	903952	68.154	ug/l	97
69) o-Xylene	12.173	106	138801	11.125	ug/l	94
73) Isopropylbenzene	12.473	105	2721412	76.874	ug/l	99
78) n-propylbenzene	12.808	91	8824883	202.813	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	866523	29.314	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	2024188	69.658	ug/l	99
85) sec-Butylbenzene	13.390	105	1274715	32.948	ug/l #	63
86) p-Isopropyltoluene	13.502	119	220108m	6.917	ug/l	
89) n-Butylbenzene	13.832	91	1478229	48.852	ug/l #	75
95) Naphthalene	15.385	128	772155	47.120	ug/l	97

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

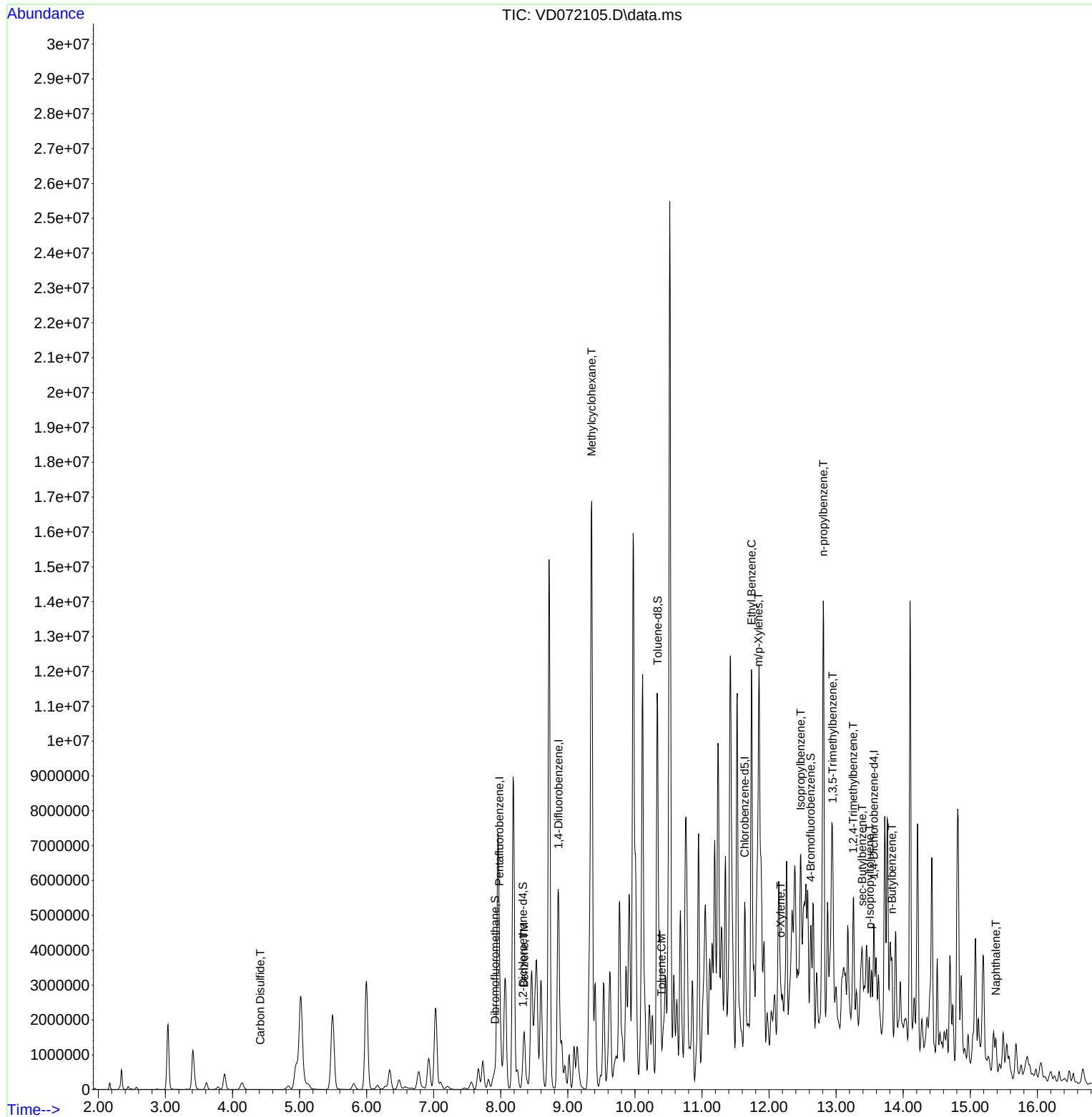
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
Data File : VD072105.D
Acq On : 25 Feb 2022 17:30
Operator : VA/SY
Sample : N1655-10
Misc : 6.91G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

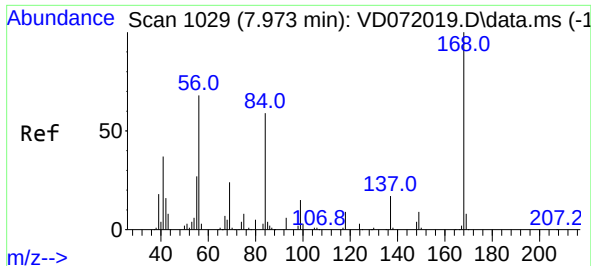
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:43:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration





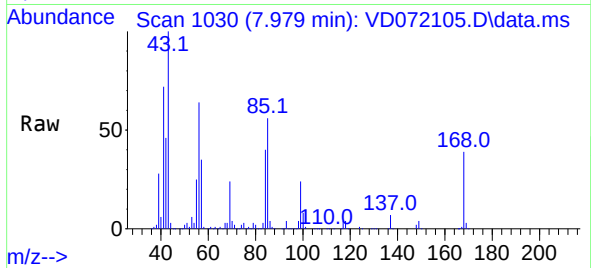
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

UNK-NORTH

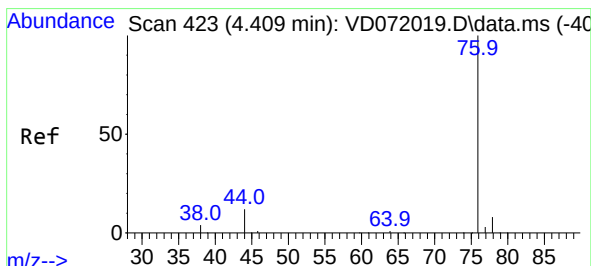
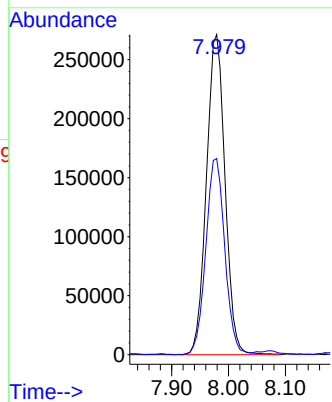
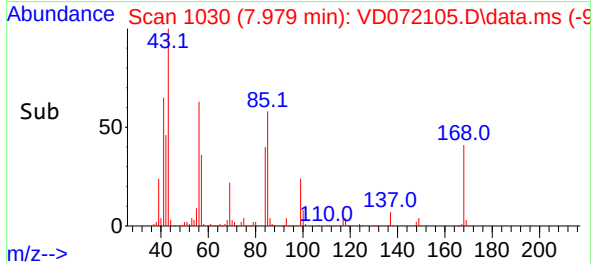


Tgt Ion:168 Resp: 615590
Ion Ratio Lower Upper
168 100
99 61.2 47.1 70.7

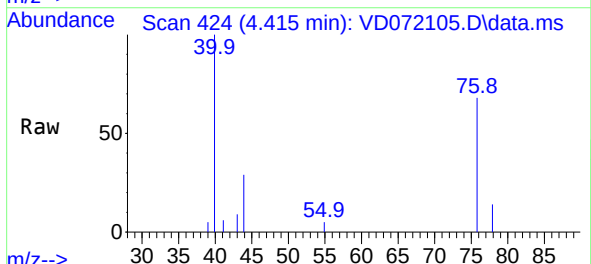
Manual Integrations

APPROVED

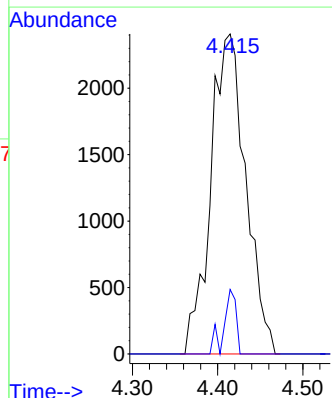
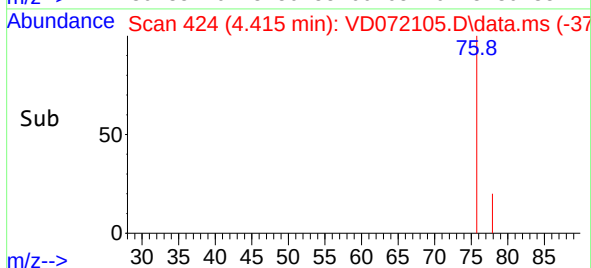
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

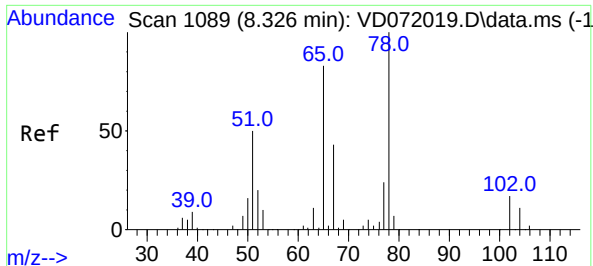


#17
Carbon Disulfide
Concen: 1.096 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30



Tgt Ion: 76 Resp: 6897
Ion Ratio Lower Upper
76 100
78 20.1 6.7 10.1#





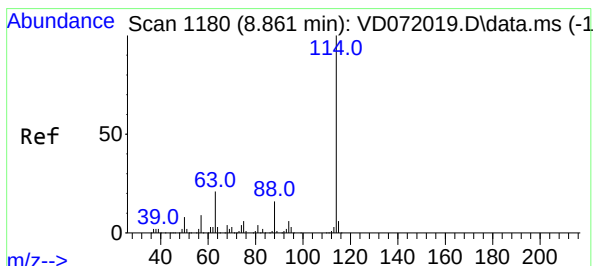
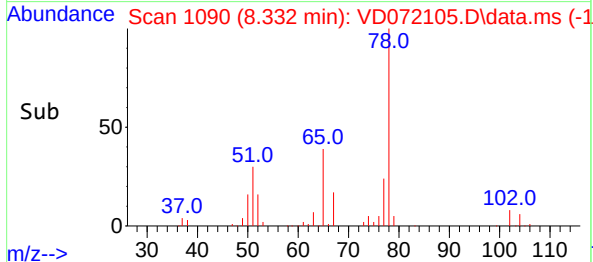
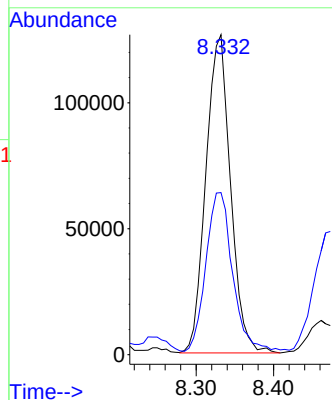
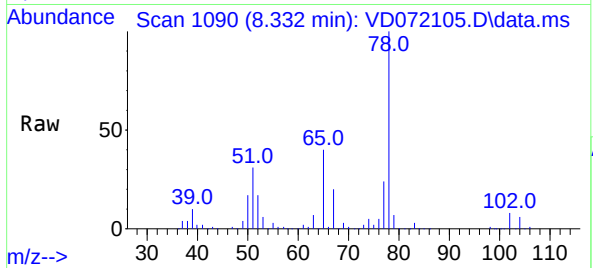
#33
1,2-Dichloroethane-d4
Concen: 43.776 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

Tgt Ion: 65 Resp: 279528
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.6

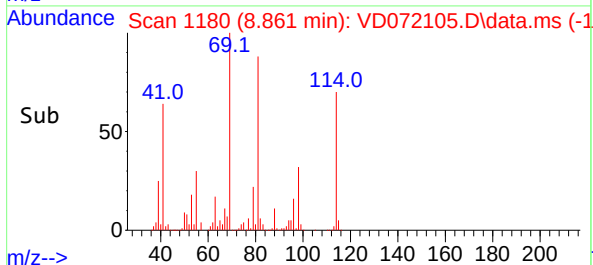
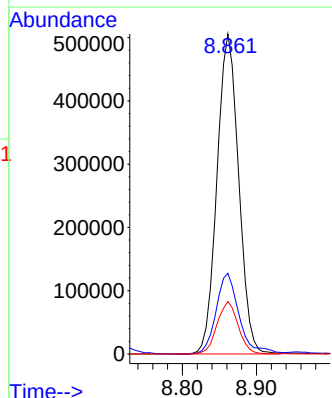
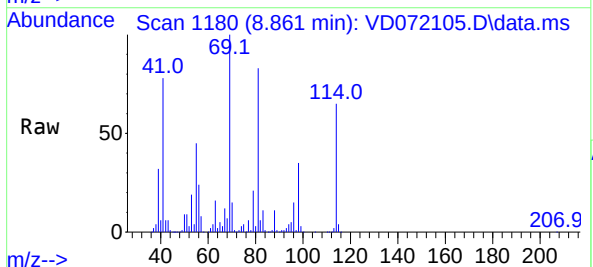
Manual Integrations
APPROVED

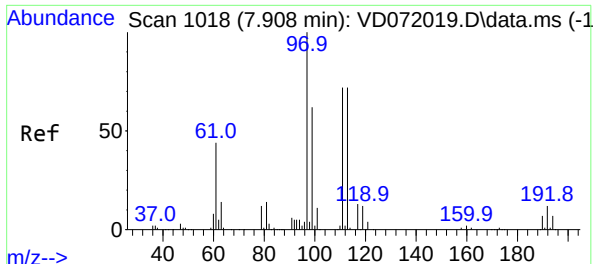
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

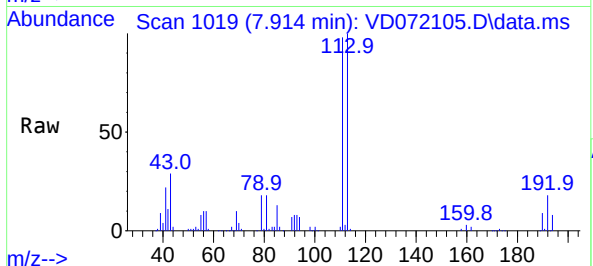
Tgt Ion:114 Resp: 1027469
Ion Ratio Lower Upper
114 100
63 25.2 0.0 42.2
88 16.4 0.0 31.2





#35
Dibromofluoromethane
Concen: 47.609 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

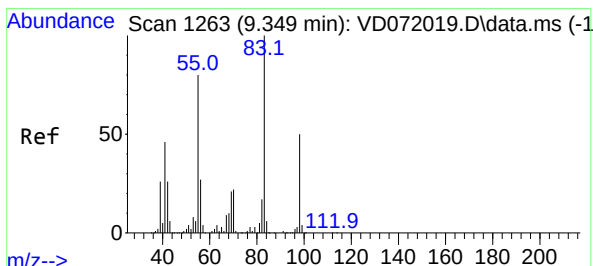
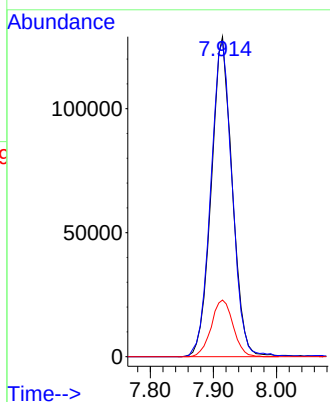
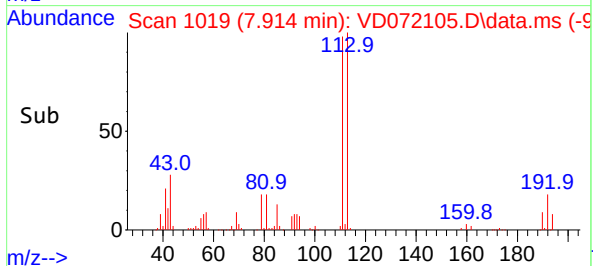
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH



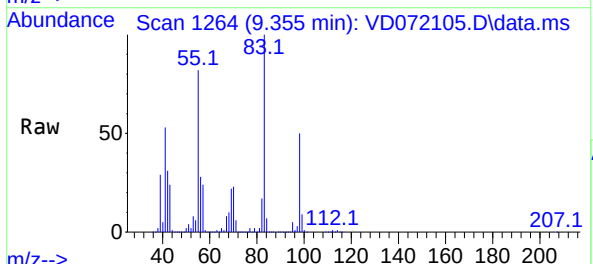
Tgt Ion:113 Resp: 296372
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.4
192 18.5 15.3 22.9

Manual Integrations
APPROVED

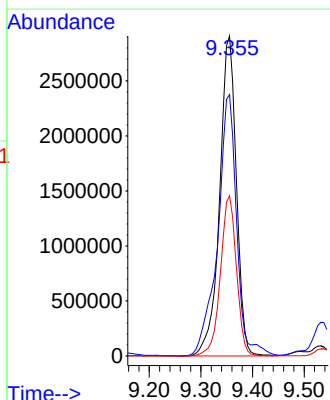
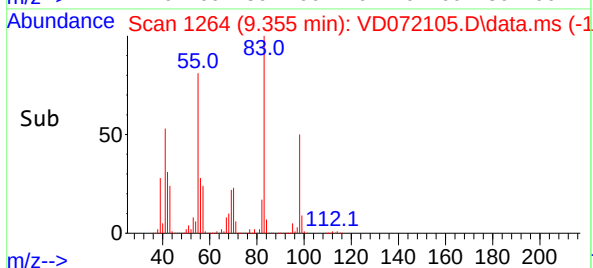
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

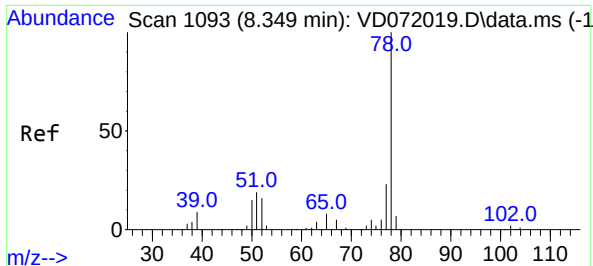


#39
Methylcyclohexane
Concen: 593.270 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30



Tgt Ion: 83 Resp: 6547589
Ion Ratio Lower Upper
83 100
55 81.7 64.0 96.0
98 50.0 39.8 59.8





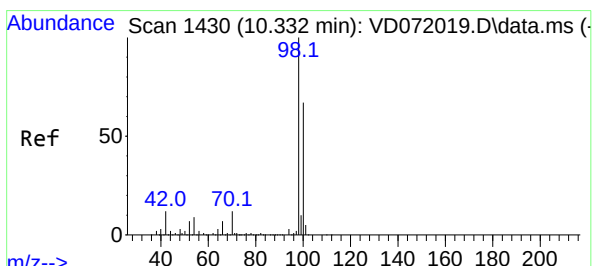
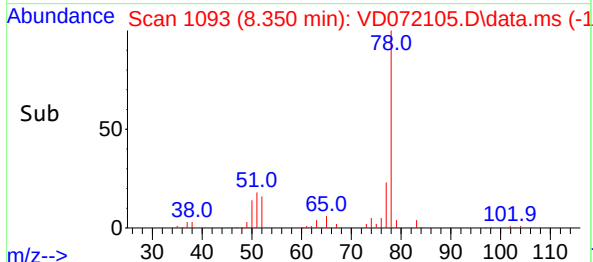
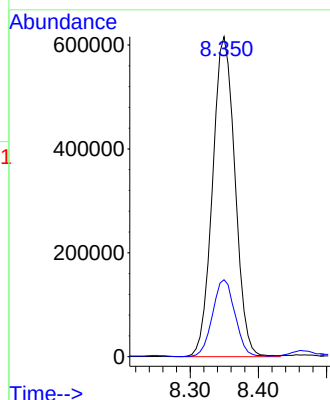
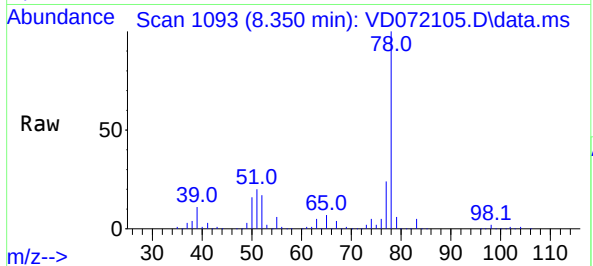
#40
Benzene
Concen: 53.047 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

Tgt Ion: 78 Resp: 141148
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.4

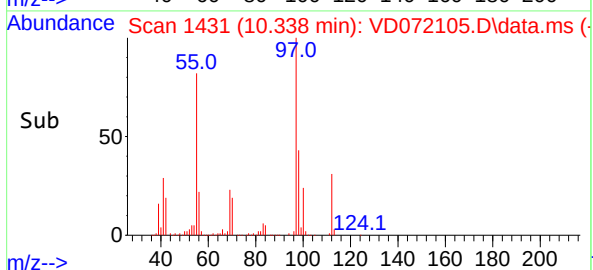
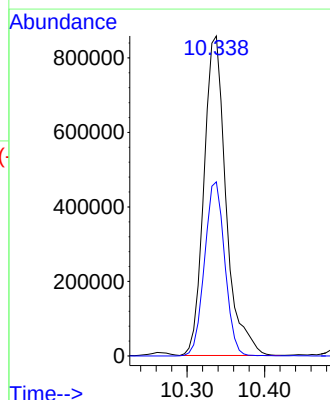
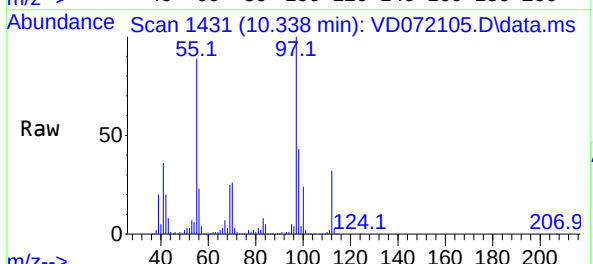
Manual Integrations
APPROVED

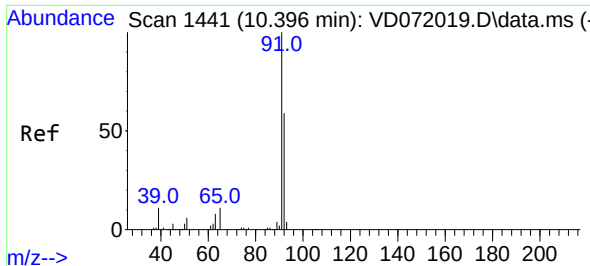
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#50
Toluene-d8
Concen: 73.489 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

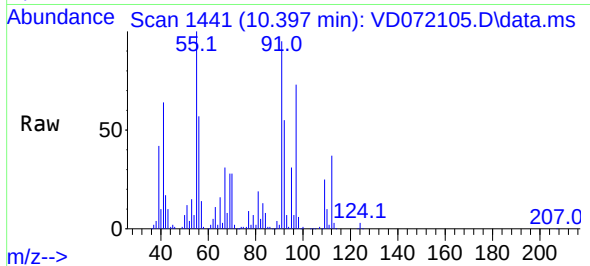
Tgt Ion: 98 Resp: 1696510
Ion Ratio Lower Upper
98 100
100 50.0 53.8 80.6#





#52
Toluene
Concen: 8.439 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

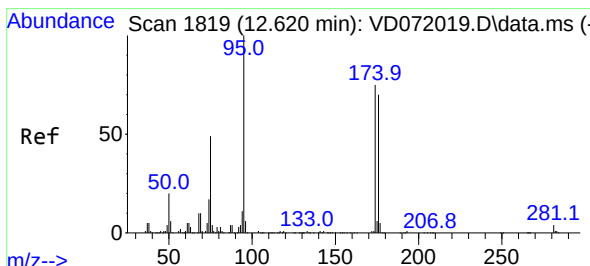
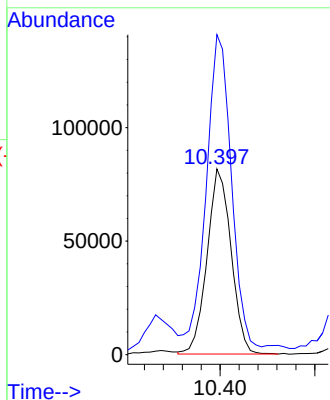
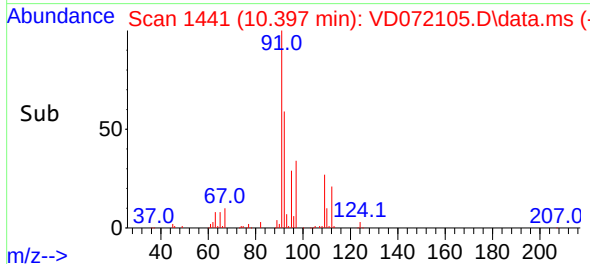
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH



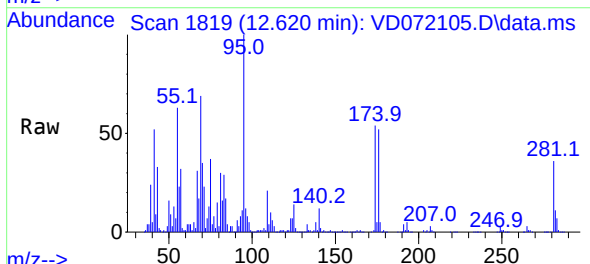
Tgt Ion: 92 Resp: 143697
Ion Ratio Lower Upper
92 100
91 175.8 135.6 203.4

Manual Integrations
APPROVED

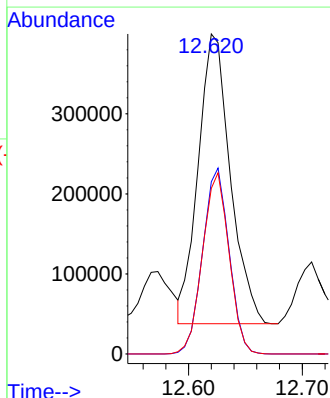
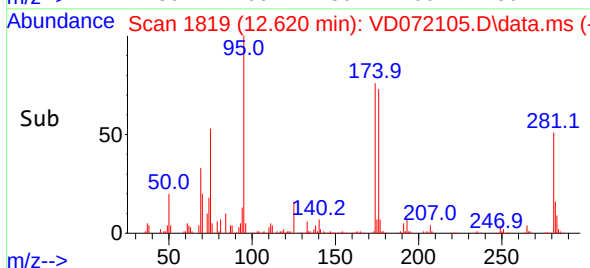
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

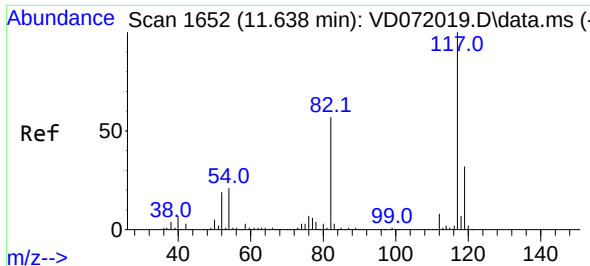


#62
4-Bromofluorobenzene
Concen: 83.691 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30



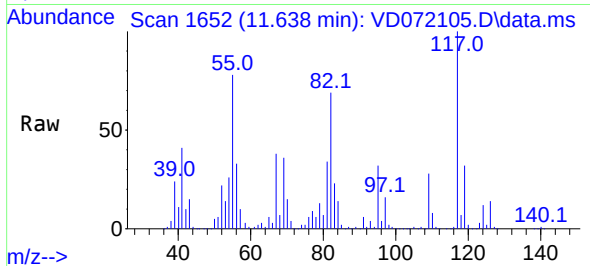
Tgt Ion: 95 Resp: 709688
Ion Ratio Lower Upper
95 100
174 52.9 0.0 155.0
176 51.8 0.0 148.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

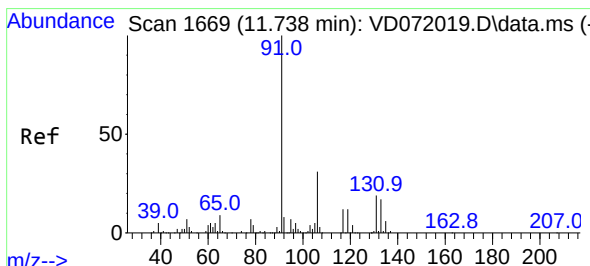
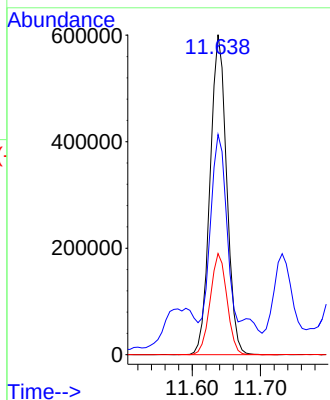
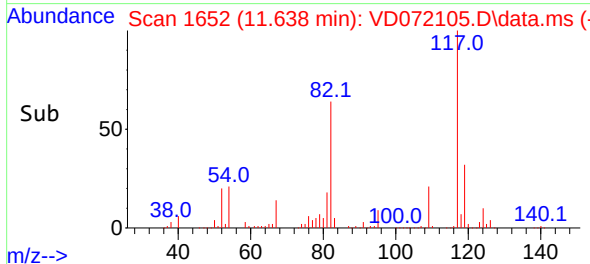
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH



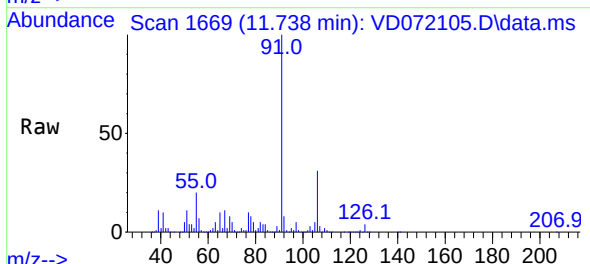
Tgt Ion:117 Resp: 1016668
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 31.6 25.4 38.2

Manual Integrations
APPROVED

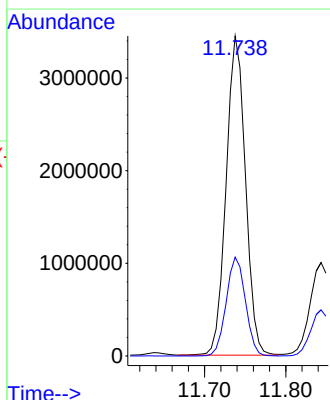
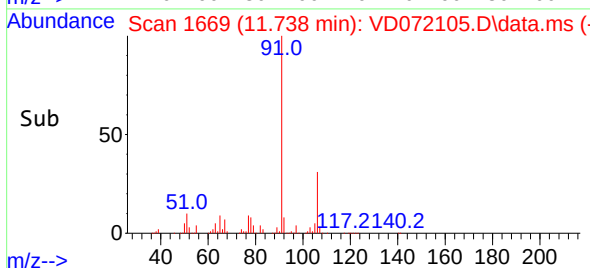
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

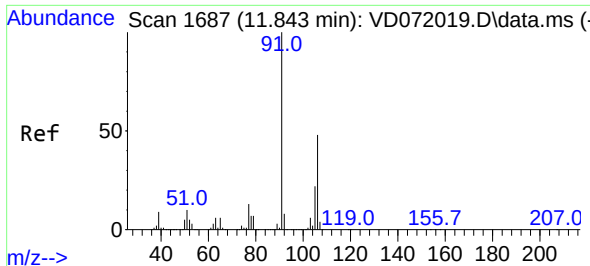


#67
Ethyl Benzene
Concen: 164.381 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30



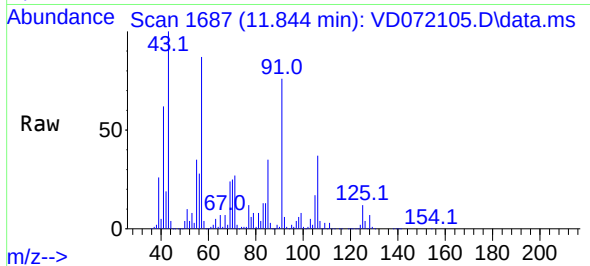
Tgt Ion: 91 Resp: 5695326
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8





#68
m/p-Xylenes
Concen: 68.154 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

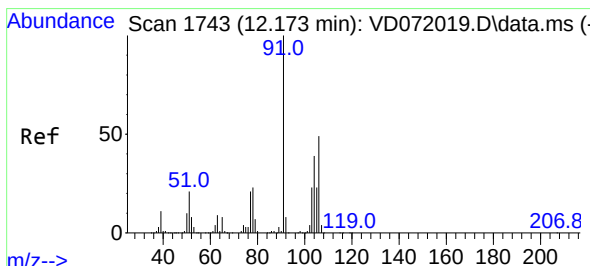
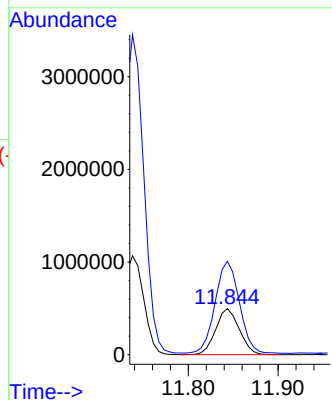
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH



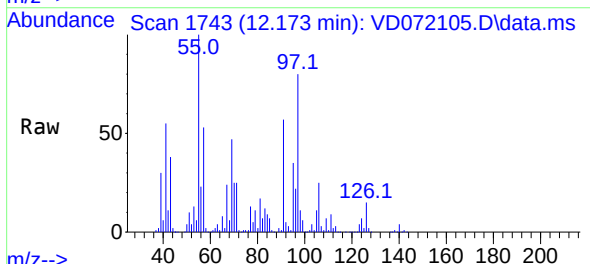
Tgt Ion:106 Resp: 903952
Ion Ratio Lower Upper
106 100
91 207.3 162.6 243.8

Manual Integrations
APPROVED

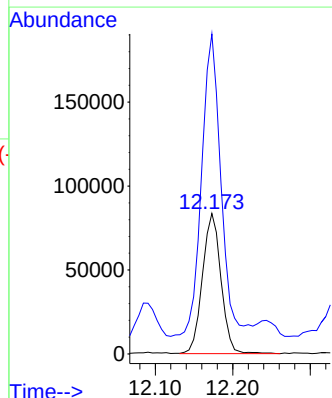
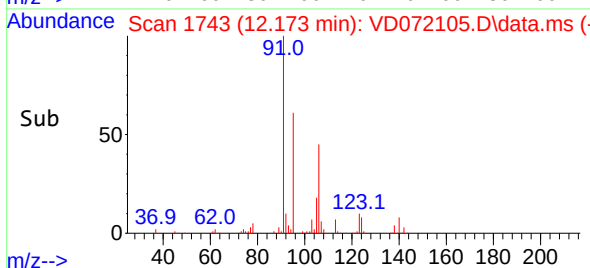
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

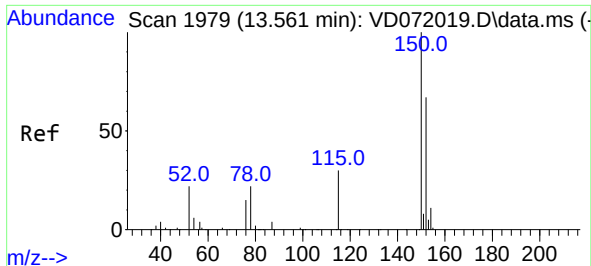


#69
o-Xylene
Concen: 11.125 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30



Tgt Ion:106 Resp: 138801
Ion Ratio Lower Upper
106 100
91 222.0 106.0 317.9





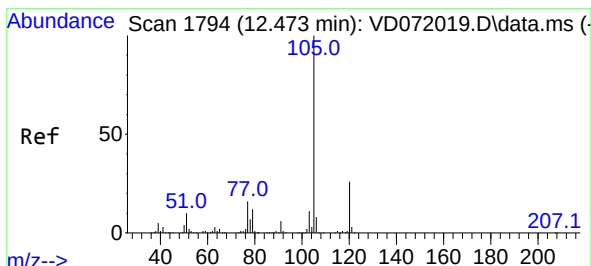
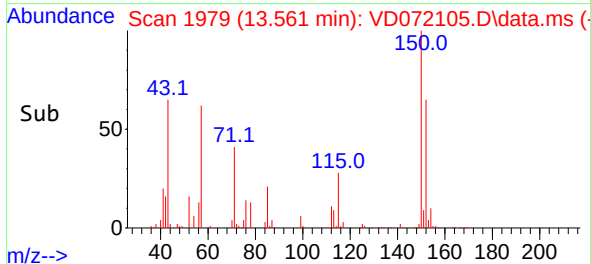
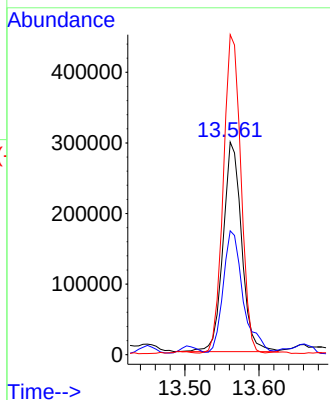
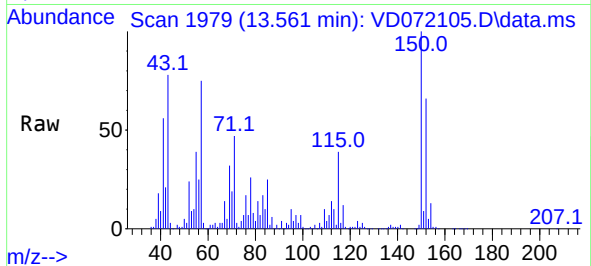
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

Tgt Ion:152 Resp: 51559
Ion Ratio Lower Upper
152 100
115 61.9 29.9 89.7
150 144.3 0.0 347.6

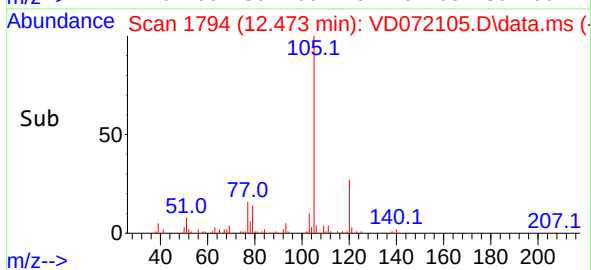
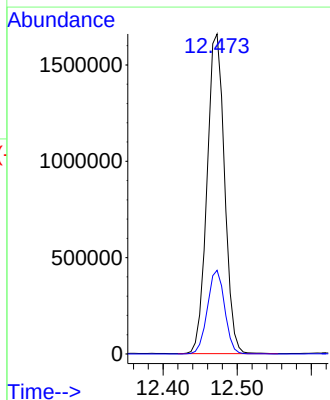
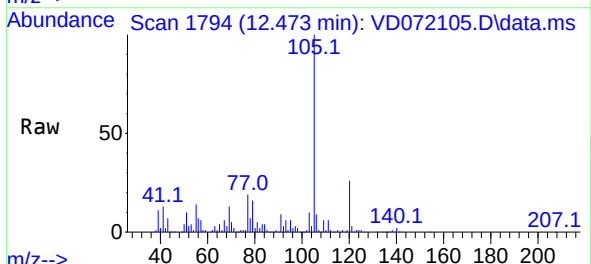
Manual Integrations
APPROVED

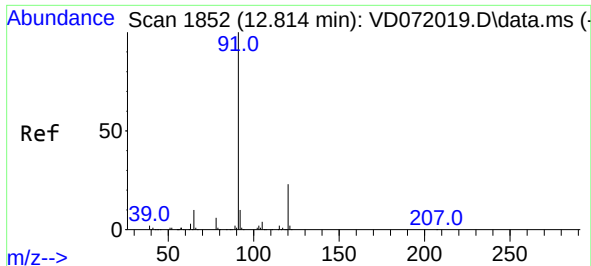
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#73
Isopropylbenzene
Concen: 76.874 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

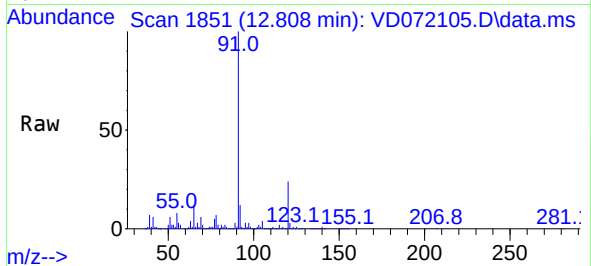
Tgt Ion:105 Resp: 2721412
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1





#78
n-propylbenzene
Concen: 202.813 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

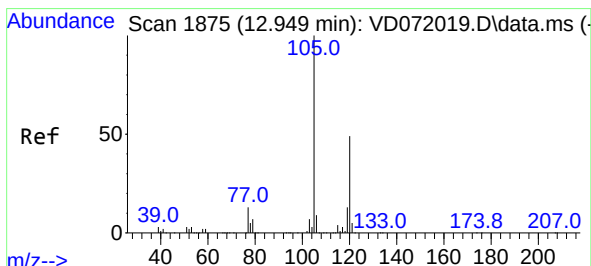
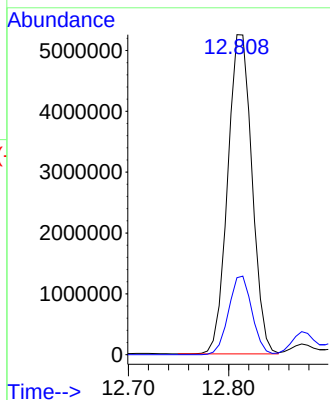
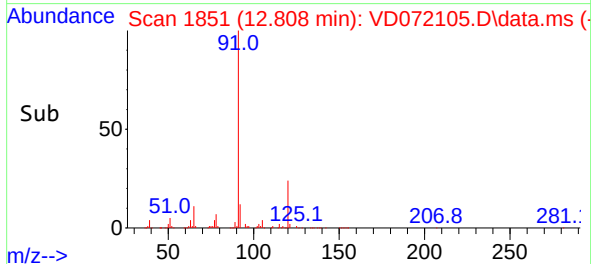
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH



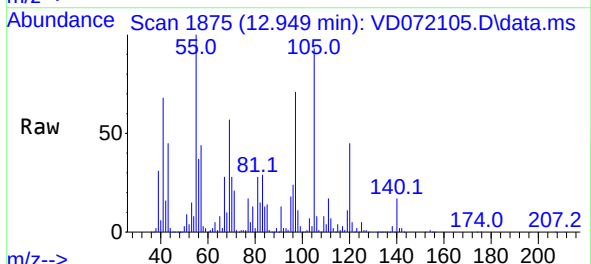
Tgt Ion: 91 Resp: 882488
Ion Ratio Lower Upper
91 100
120 23.7 11.2 33.5

Manual Integrations
APPROVED

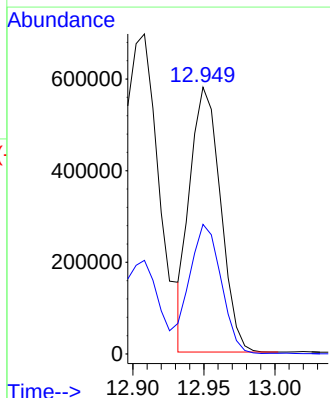
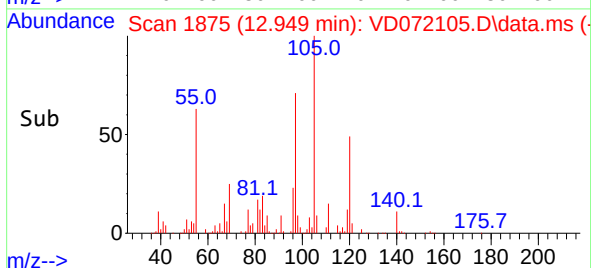
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

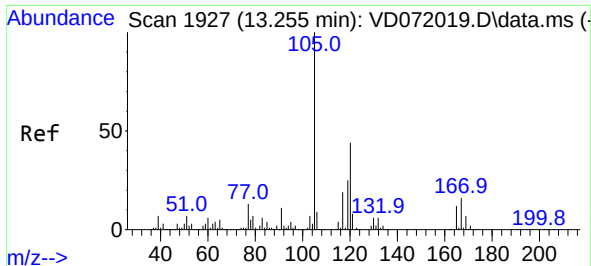


#80
1,3,5-Trimethylbenzene
Concen: 29.314 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30



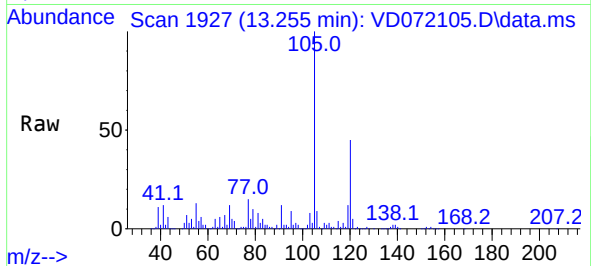
Tgt Ion:105 Resp: 866523
Ion Ratio Lower Upper
105 100
120 51.3 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 69.658 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

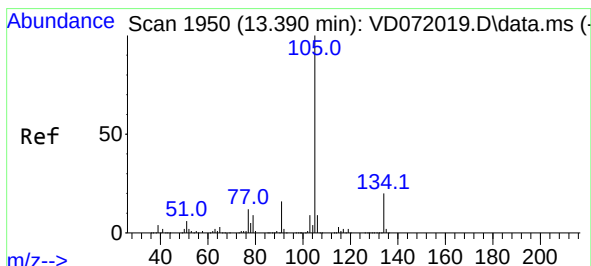
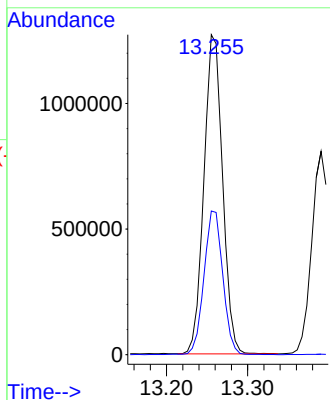
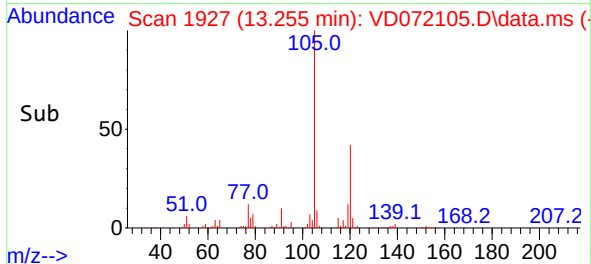
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH



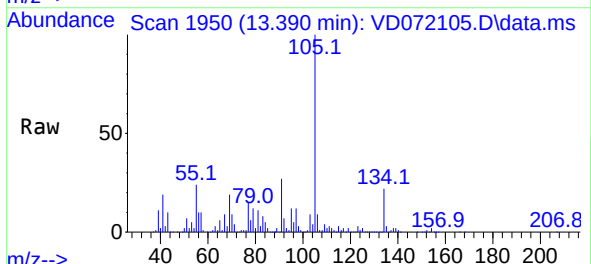
Tgt Ion:105 Resp: 202418
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3

Manual Integrations
APPROVED

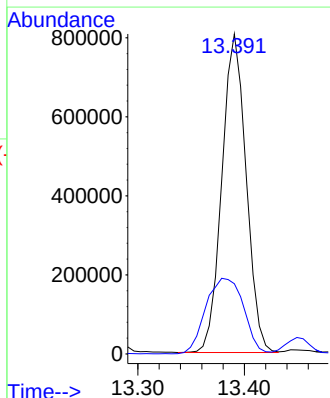
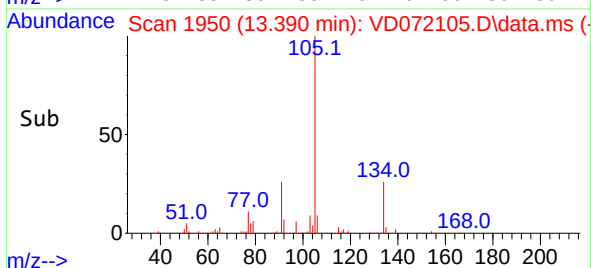
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

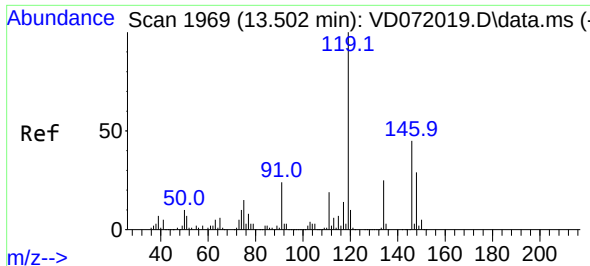


#85
sec-Butylbenzene
Concen: 32.948 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30



Tgt Ion:105 Resp: 1274715
Ion Ratio Lower Upper
105 100
134 36.9 10.0 29.8#





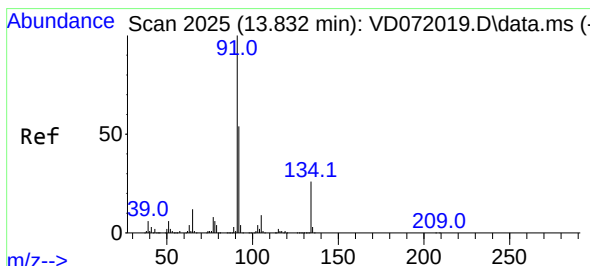
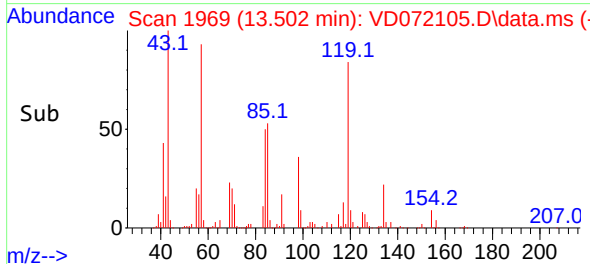
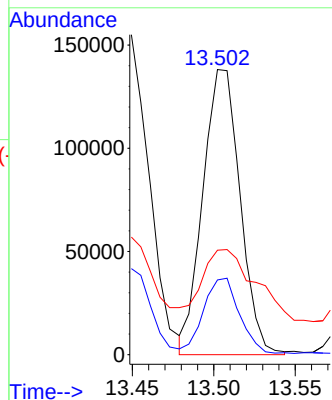
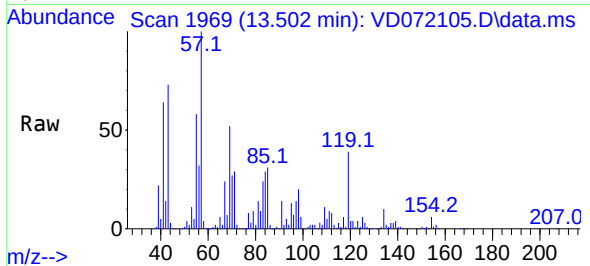
#86
p-Isopropyltoluene
Concen: 6.917 ug/l m
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

Tgt Ion: 119 Resp: 220108
Ion Ratio Lower Upper
119 100
134 29.3 13.0 38.9
91 22.6 11.9 35.5

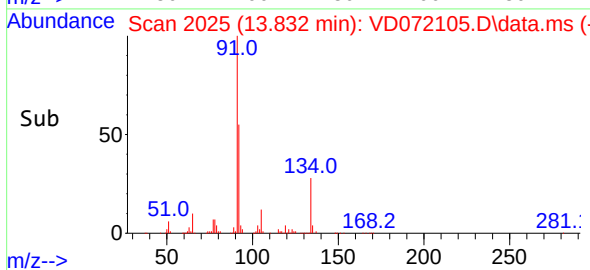
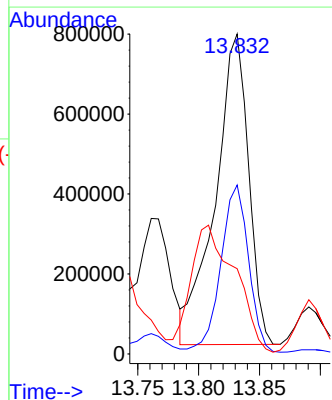
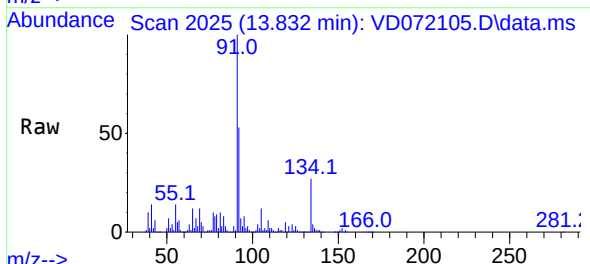
Manual Integrations
APPROVED

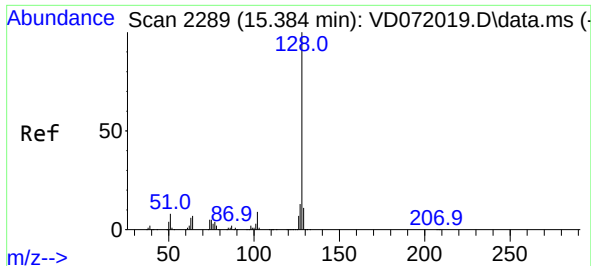
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#89
n-Butylbenzene
Concen: 48.852 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

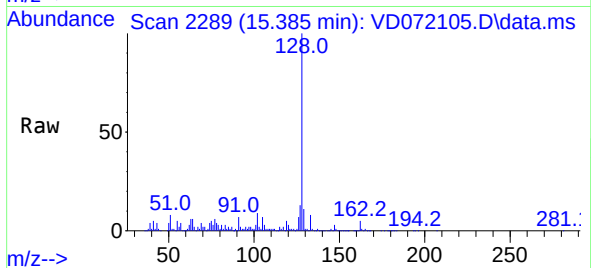
Tgt Ion: 91 Resp: 1478229
Ion Ratio Lower Upper
91 100
92 45.0 27.0 81.0
134 0.0 12.8 38.4#





#95
Naphthalene
Concen: 47.120 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH



Tgt Ion:128 Resp: 77215
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 12.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

