

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076155.D
 Acq On : 09 Jan 2023 14:52
 Operator : JC\MD
 Sample : 01052-01 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UST-DRUM

Quant Time: Jan 10 01:06:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	311518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	489352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	424314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	167789	49.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.020%		
35) Dibromofluoromethane	8.171	113	149825	49.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	10.571	98	571217	50.413	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.820%		
62) 4-Bromofluorobenzene	12.853	95	180987	48.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds					Qvalue	
16) Acetone	4.453	43	16507	14.130	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	75919	8.350	ug/l	92
20) Methylene Chloride	5.277	84	5713m	1.203	ug/l	
25) 2-Butanone	7.494	43	17822	10.895	ug/l	96
39) Methylcyclohexane	9.600	83	2961	0.610	ug/l #	88
40) Benzene	8.618	78	31349	2.524	ug/l	97
52) Toluene	10.635	92	100998	12.485	ug/l	99
67) Ethyl Benzene	11.965	91	66840	4.547	ug/l	98
68) m/p-Xylenes	12.071	106	85052	14.620	ug/l	100
69) o-Xylene	12.400	106	46572	8.089	ug/l	99
73) Isopropylbenzene	12.694	105	14698	1.099	ug/l	94
78) n-propylbenzene	13.035	91	26882	1.823	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	33820	3.022	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	124538	11.219	ug/l	100
85) sec-Butylbenzene	13.617	105	11089	0.814	ug/l	95
86) p-Isopropyltoluene	13.729	119	6471	0.571	ug/l	92

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

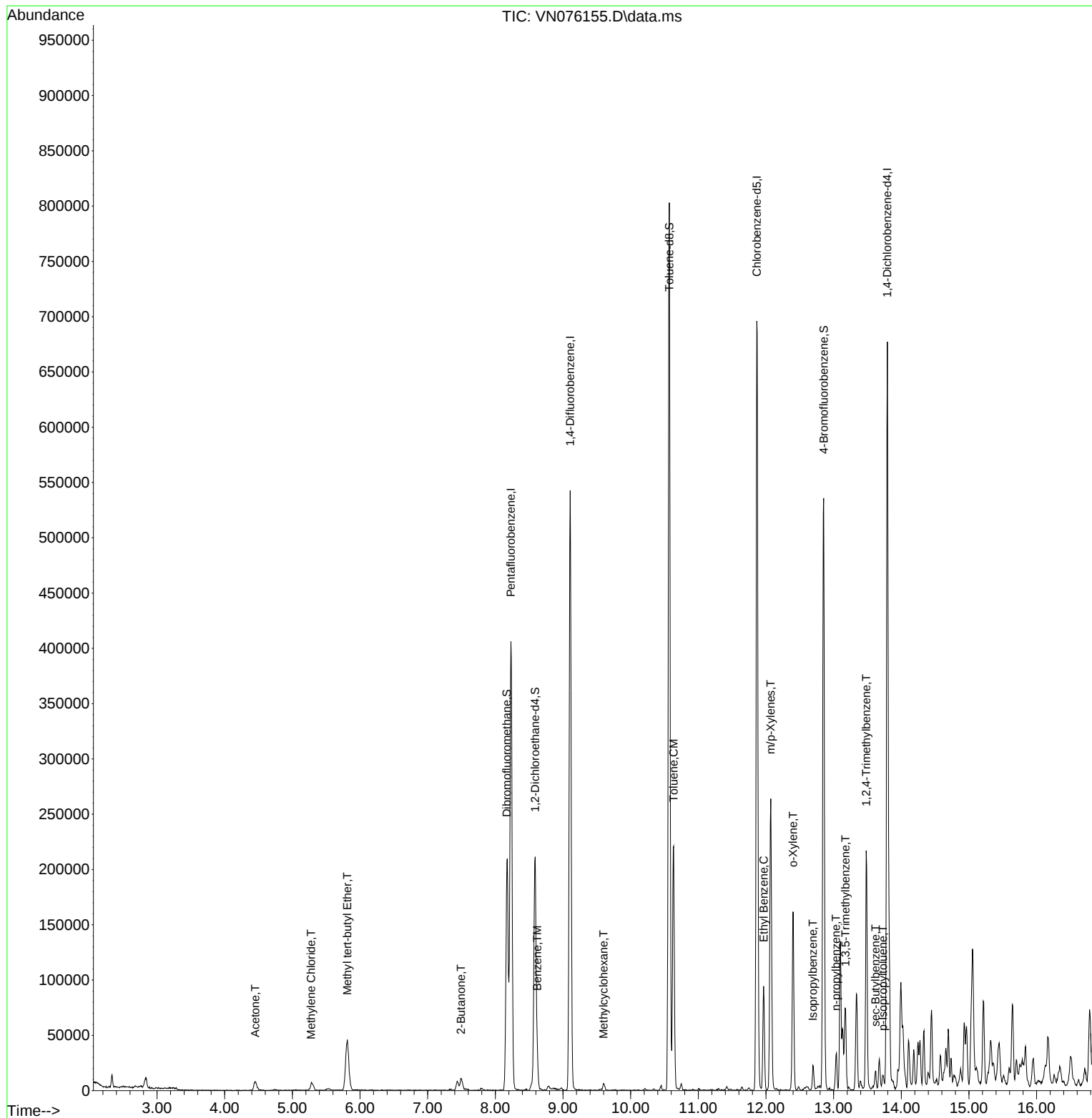
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
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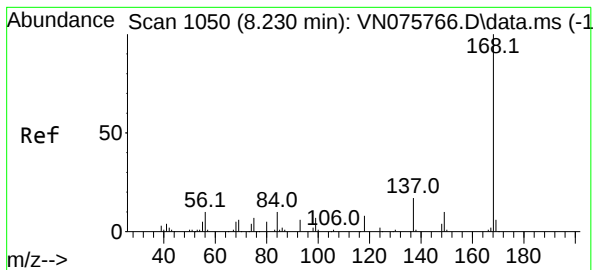
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

Quant Time: Jan 10 01:06:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
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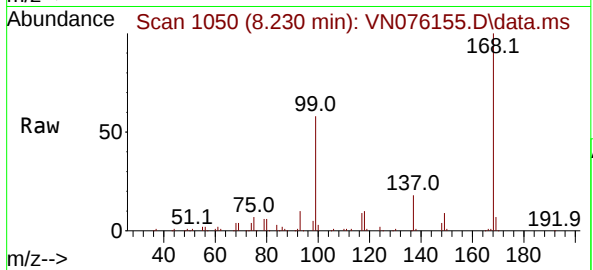
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

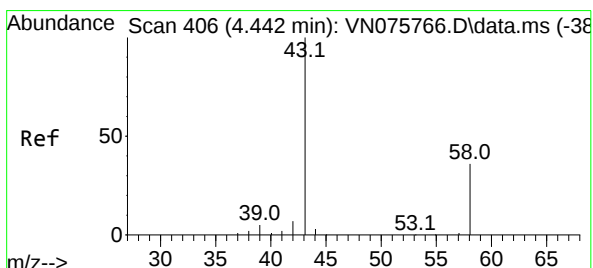
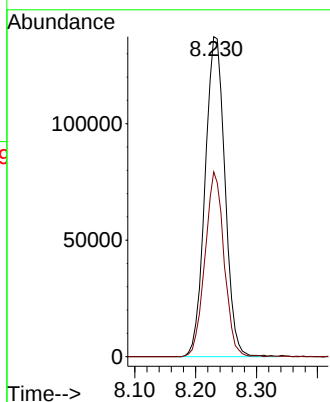
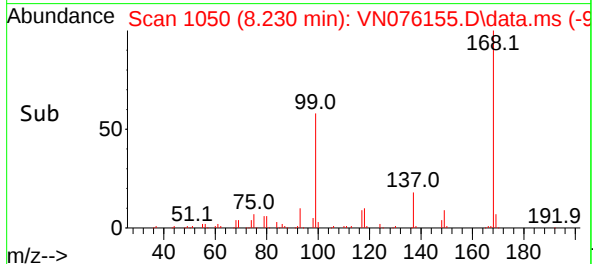
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM



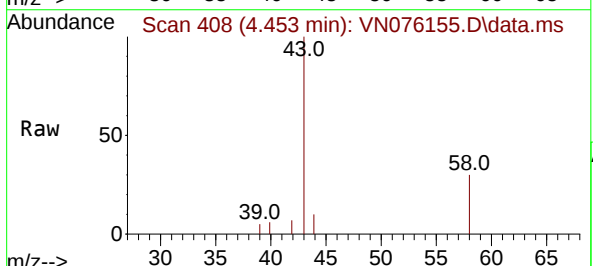
Tgt Ion:168 Resp: 311518
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4

Manual Integrations
APPROVED

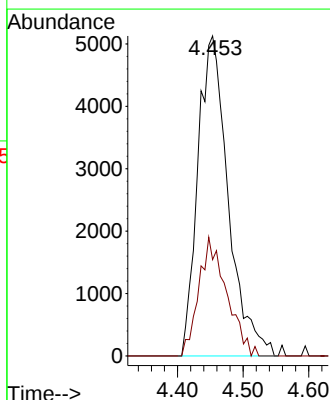
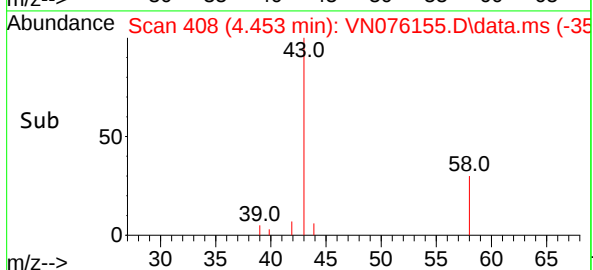
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

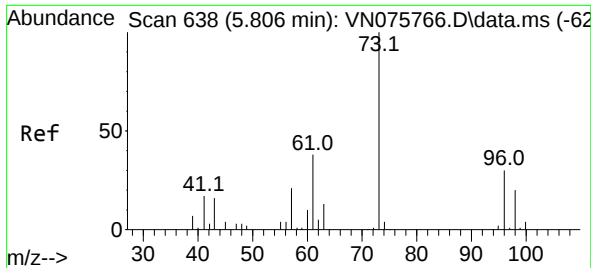


#16
Acetone
Concen: 14.130 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52



Tgt Ion: 43 Resp: 16507
Ion Ratio Lower Upper
43 100
58 30.1 28.6 43.0





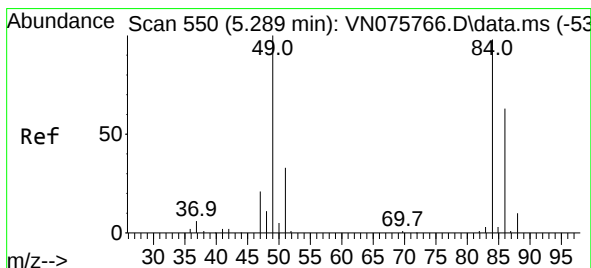
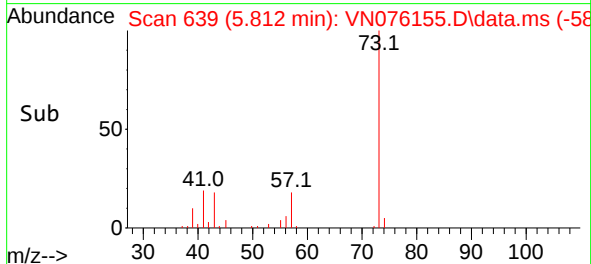
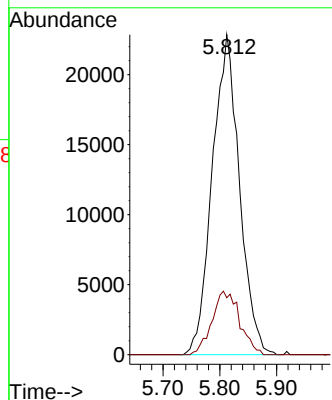
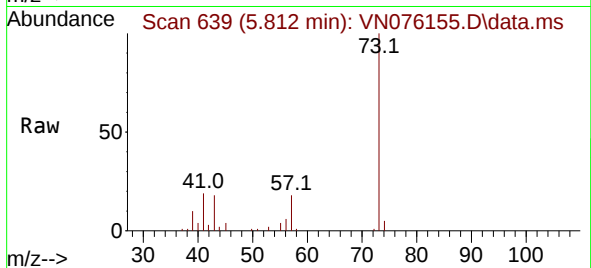
#19
Methyl tert-butyl Ether
Concen: 8.350 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 73 Resp: 75919
Ion Ratio Lower Upper
73 100
57 17.8 17.1 25.7

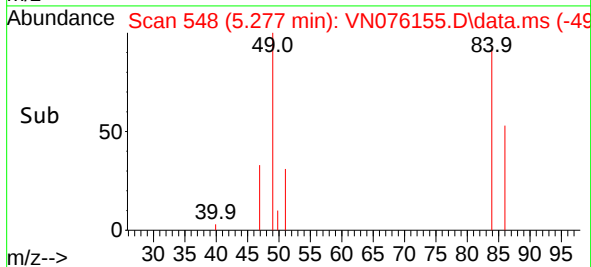
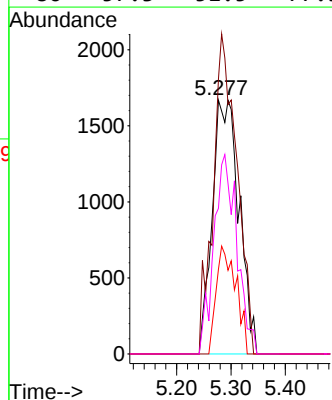
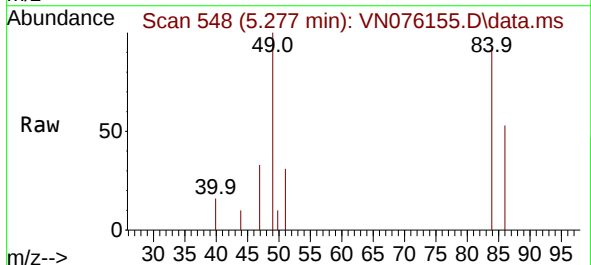
Manual Integrations
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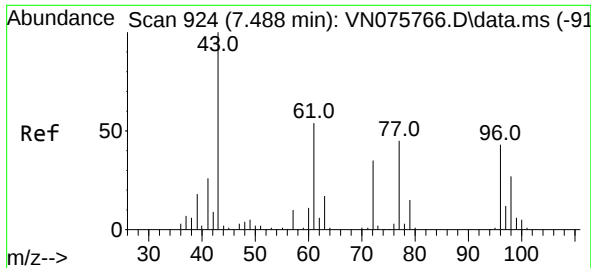
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#20
Methylene Chloride
Concen: 1.203 ug/l m
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

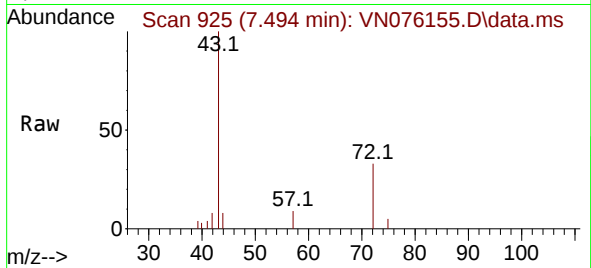
Tgt Ion: 84 Resp: 5713
Ion Ratio Lower Upper
84 100
49 108.2 81.8 122.6
51 33.4 26.7 40.1
86 57.3 51.5 77.3





#25
2-Butanone
Concen: 10.895 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

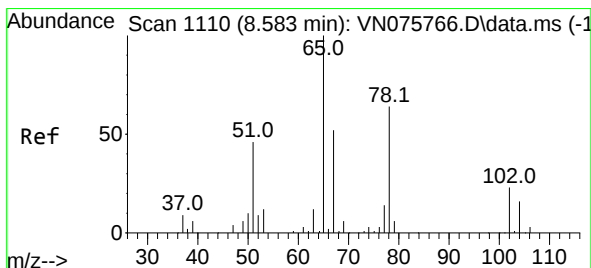
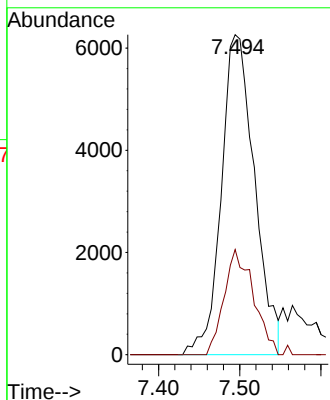
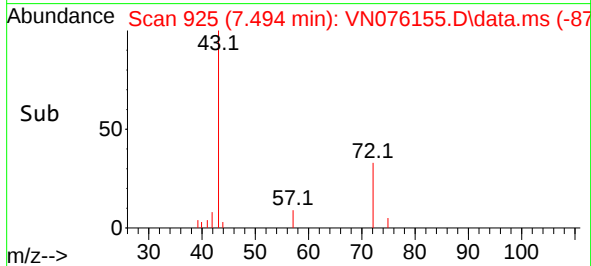
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM



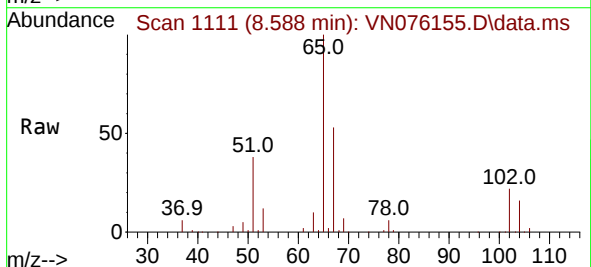
Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
72 32.8 28.0 42.0

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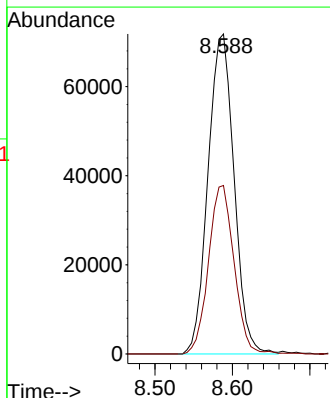
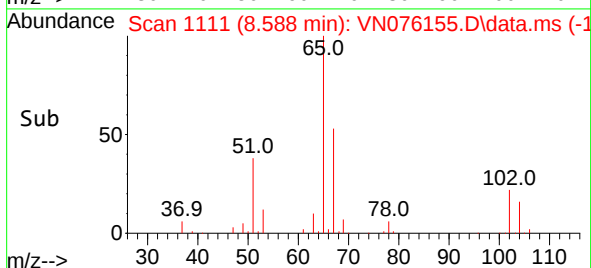
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

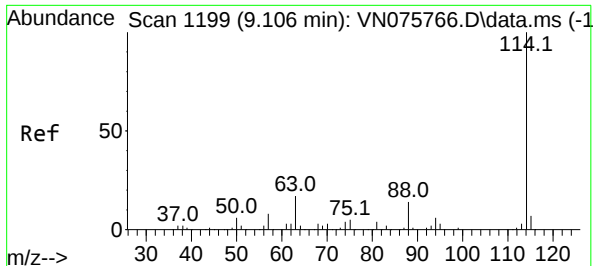


#33
1,2-Dichloroethane-d4
Concen: 49.510 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52



Tgt Ion: 65 Resp: 167789
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

UST-DRUM

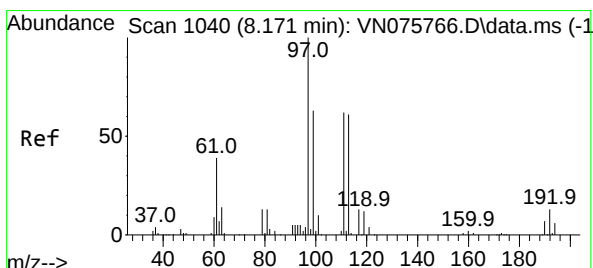
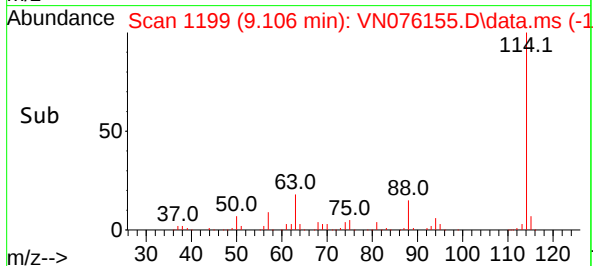
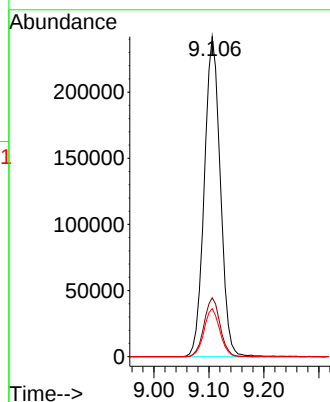
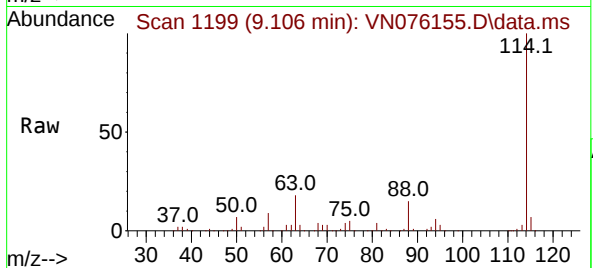
Tgt Ion:114 Resp: 48935

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.4
88	15.0	0.0	28.8

Manual Integrations

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Supervised By :Mahesh Dadoda 01/11/2023



#35

Dibromofluoromethane

Concen: 49.439 ug/l

RT: 8.171 min Scan# 1040

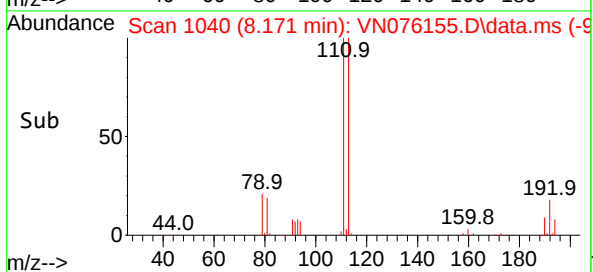
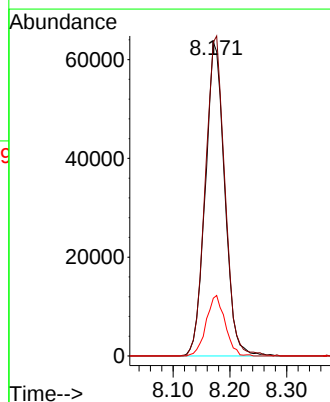
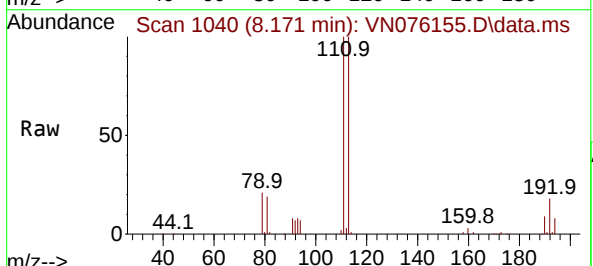
Delta R.T. 0.000 min

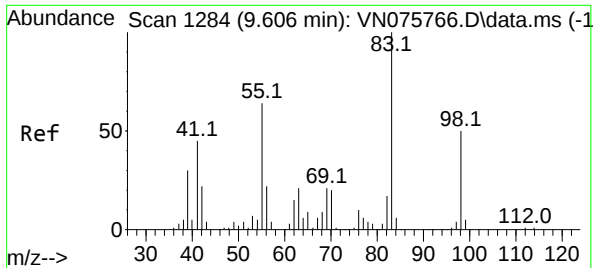
Lab File: VN076155.D

Acq: 09 Jan 2023 14:52

Tgt Ion:113 Resp: 149825

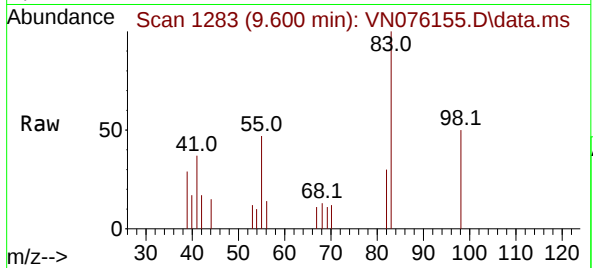
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	18.9	16.1	24.1





#39
Methylcyclohexane
Concen: 0.610 ug/l
RT: 9.600 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

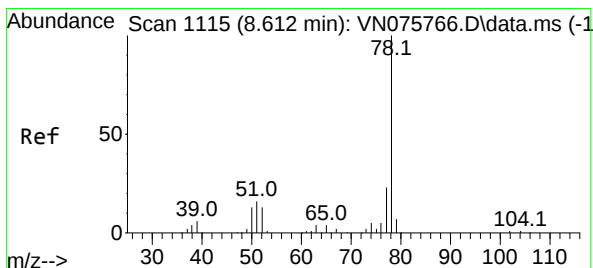
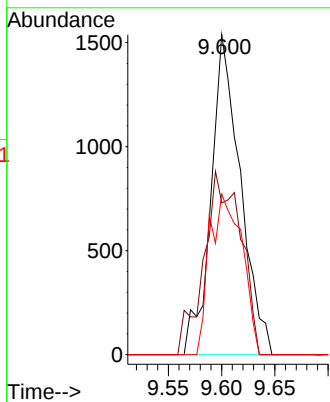
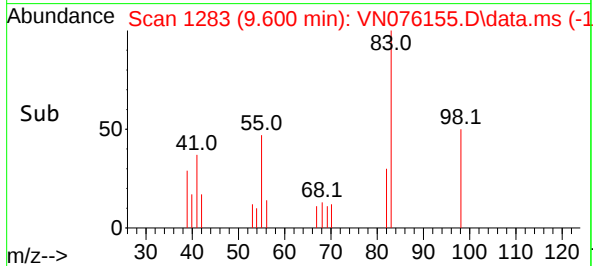
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM



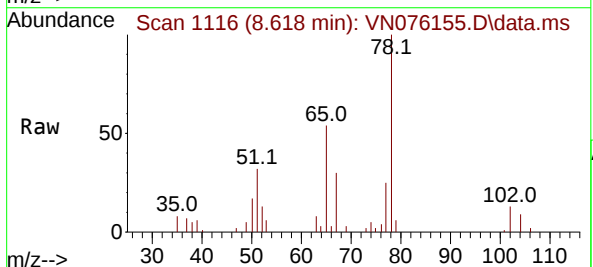
Tgt Ion: 83 Resp: 296
Ion Ratio Lower Upper
83 100
55 47.5 51.4 77.0
98 50.2 39.8 59.8

Manual Integrations
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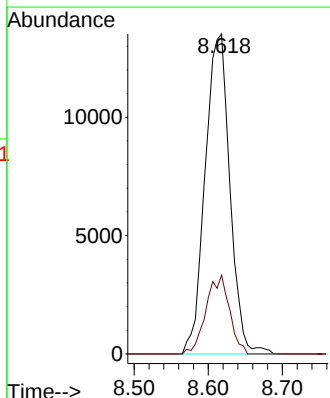
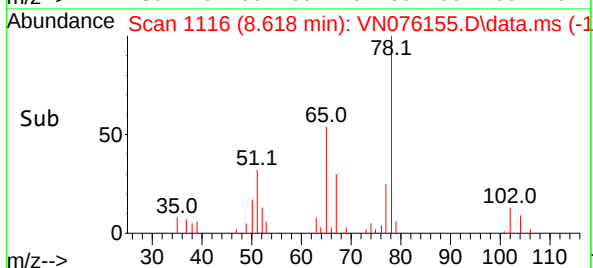
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

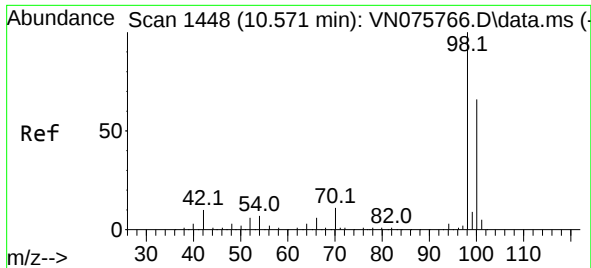


#40
Benzene
Concen: 2.524 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52



Tgt Ion: 78 Resp: 31349
Ion Ratio Lower Upper
78 100
77 24.6 18.5 27.7





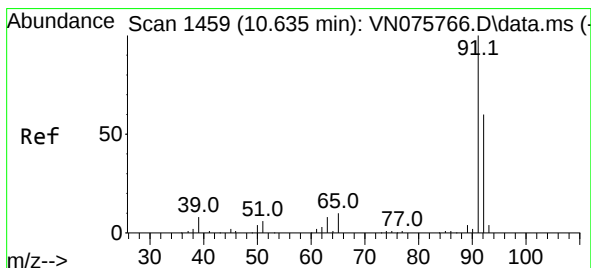
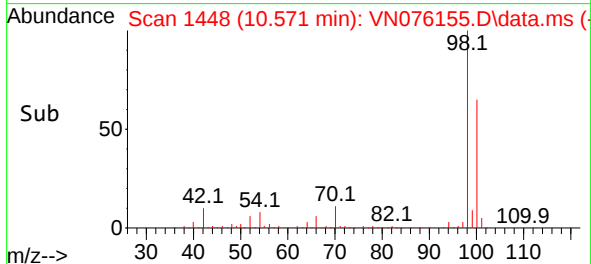
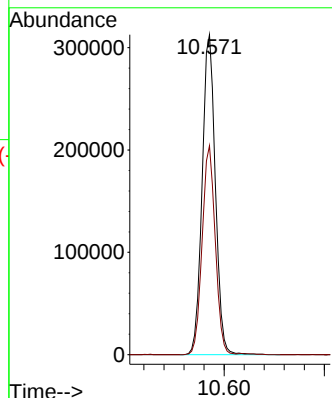
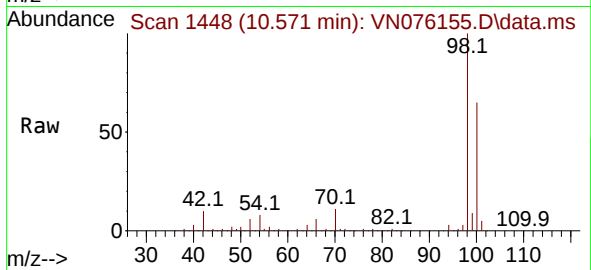
#50
Toluene-d8
Concen: 50.413 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

Tgt Ion: 98 Resp: 57121
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

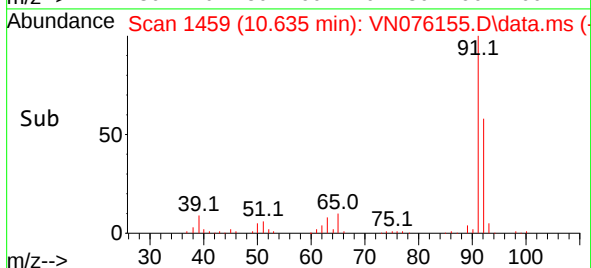
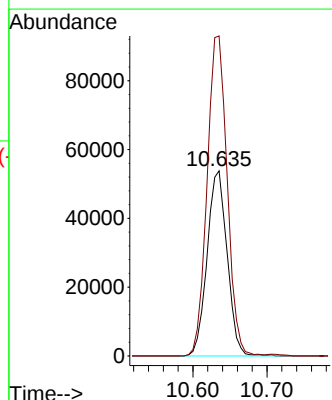
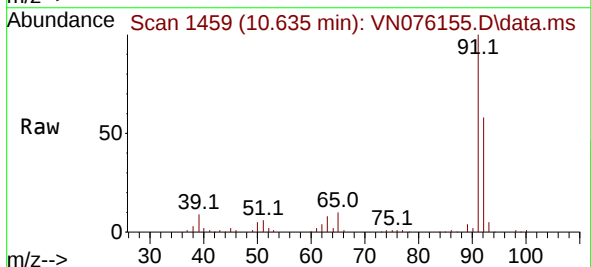
Manual Integrations
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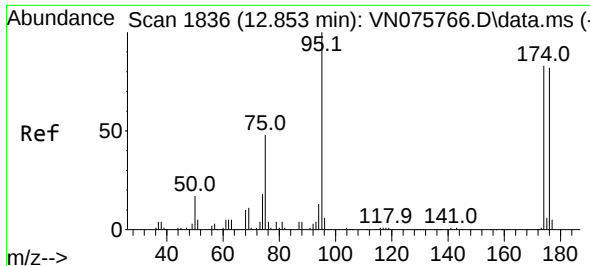
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#52
Toluene
Concen: 12.485 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

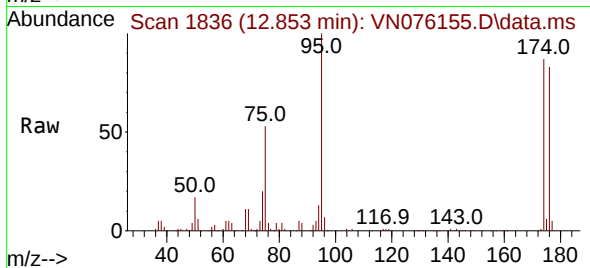
Tgt Ion: 92 Resp: 100998
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9





#62
4-Bromofluorobenzene
Concen: 48.227 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

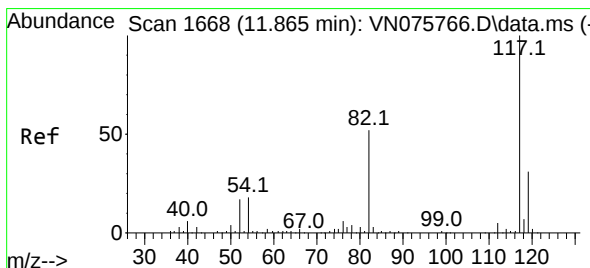
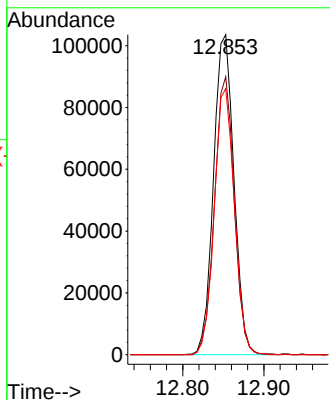
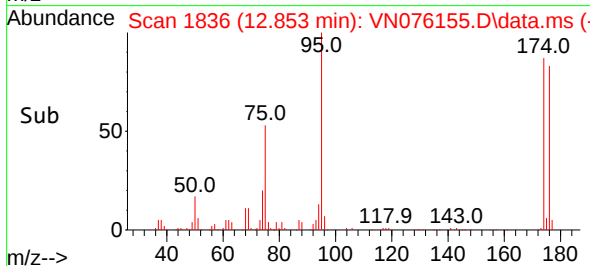
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM



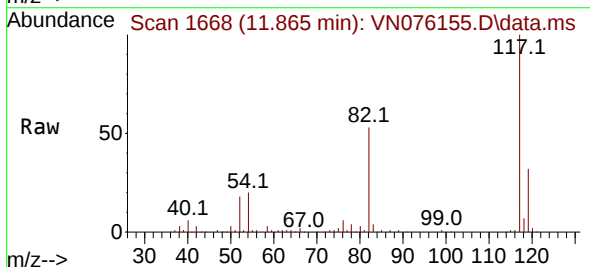
Tgt Ion: 95 Resp: 18098
Ion Ratio Lower Upper
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174 84.3 0.0 171.6
176 82.0 0.0 169.2

Manual Integrations
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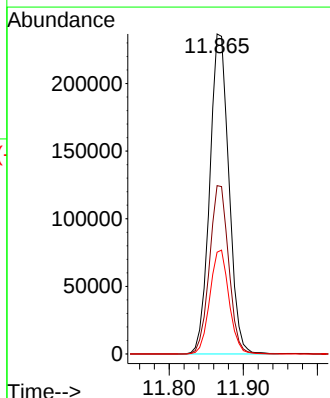
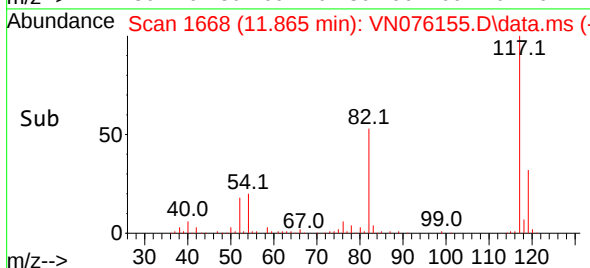
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

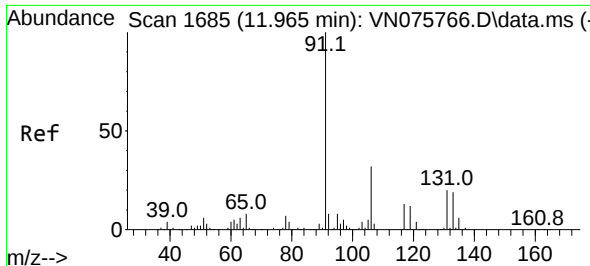


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52



Tgt Ion:117 Resp: 424314
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 31.8 24.6 37.0





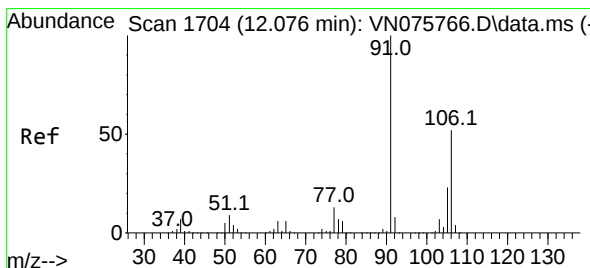
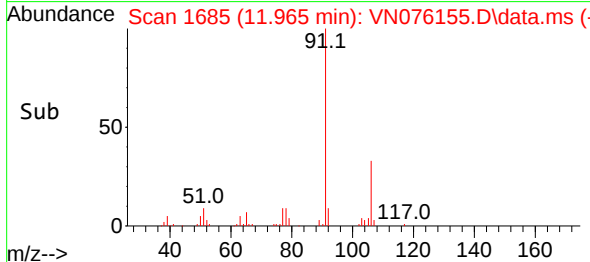
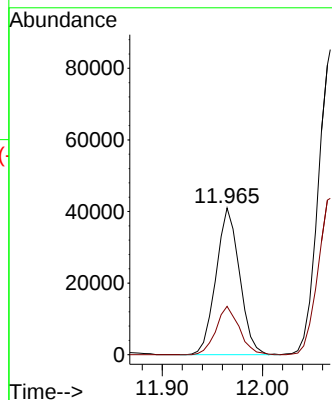
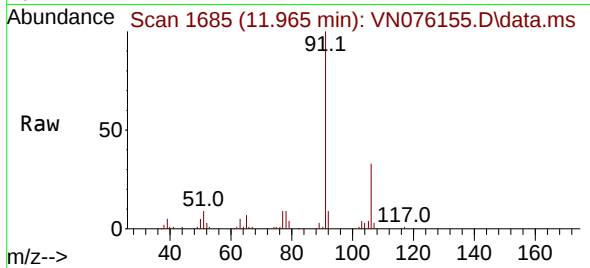
#67
Ethyl Benzene
Concen: 4.547 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

Tgt Ion: 91 Resp: 66840
Ion Ratio Lower Upper
91 100
106 33.0 25.7 38.5

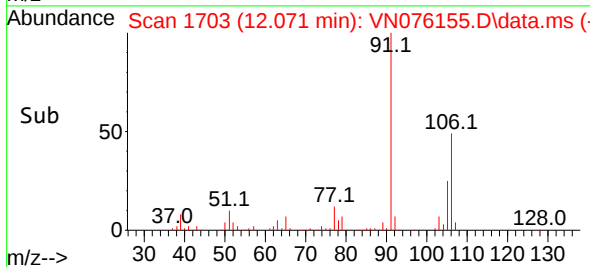
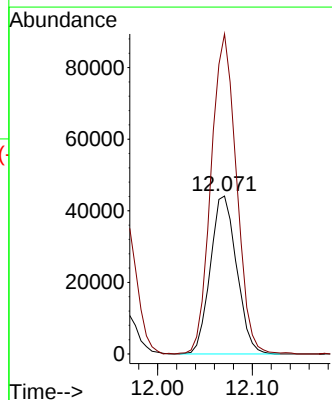
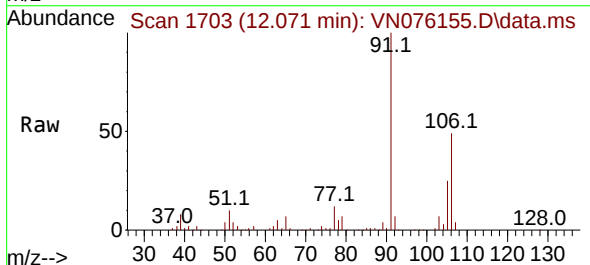
Manual Integrations
APPROVED

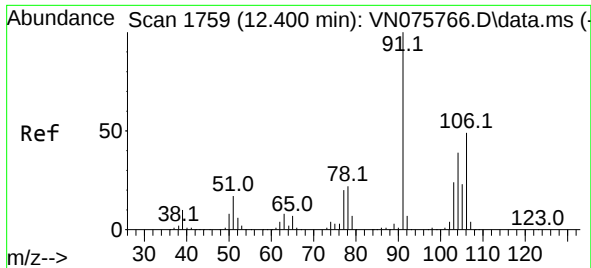
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#68
m/p-Xylenes
Concen: 14.620 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion:106 Resp: 85052
Ion Ratio Lower Upper
106 100
91 196.0 156.6 235.0





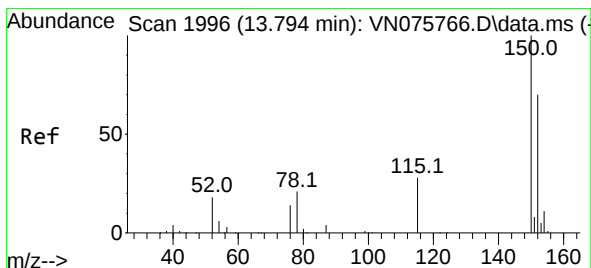
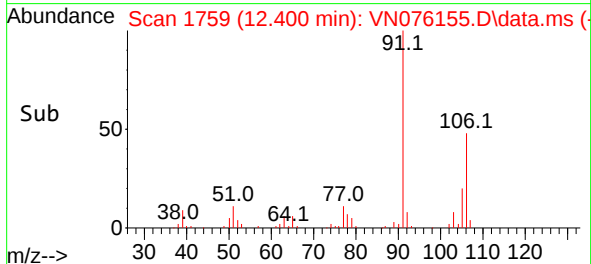
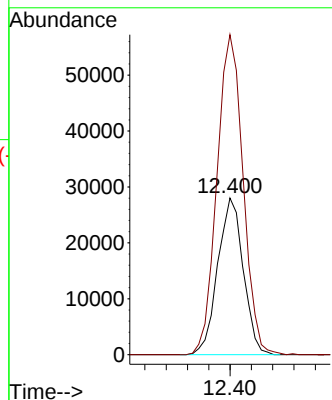
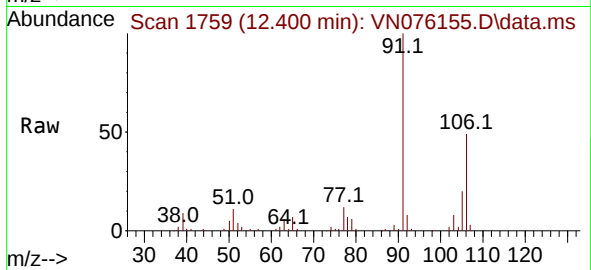
#69
o-Xylene
Concen: 8.089 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

Tgt Ion:106 Resp: 46572
Ion Ratio Lower Upper
106 100
91 209.4 103.8 311.6

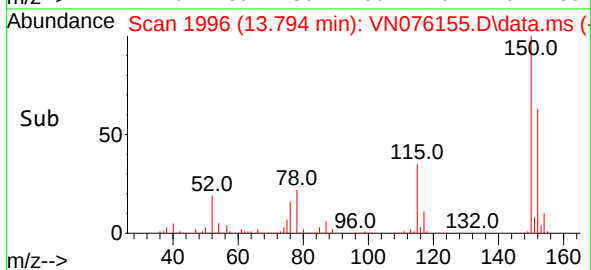
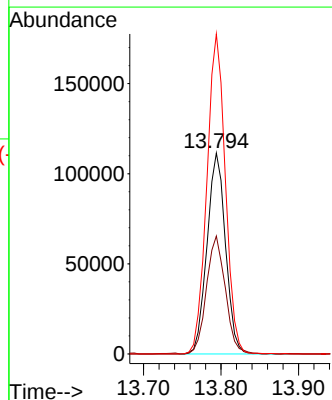
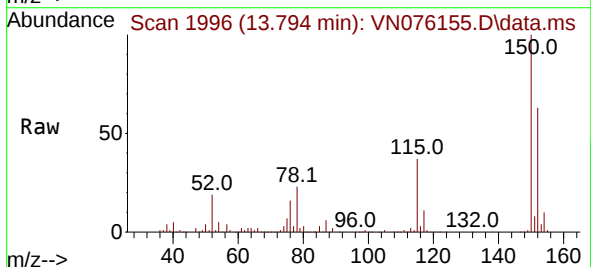
Manual Integrations
APPROVED

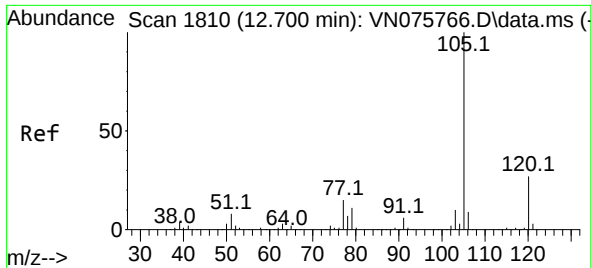
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Tgt Ion:152 Resp: 185011
Ion Ratio Lower Upper
152 100
115 60.0 29.1 87.4
150 158.8 0.0 347.0





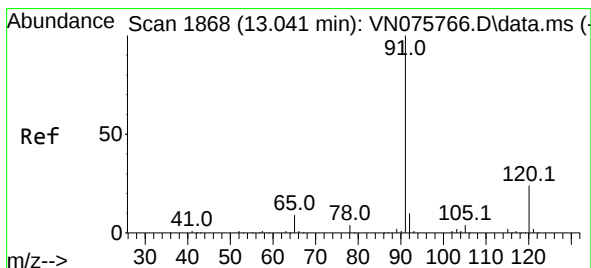
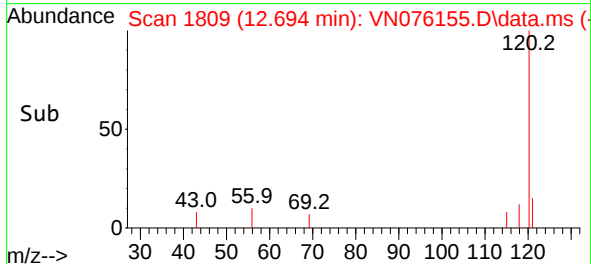
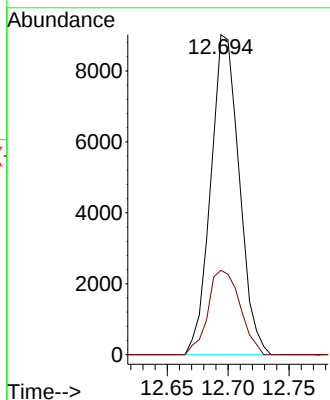
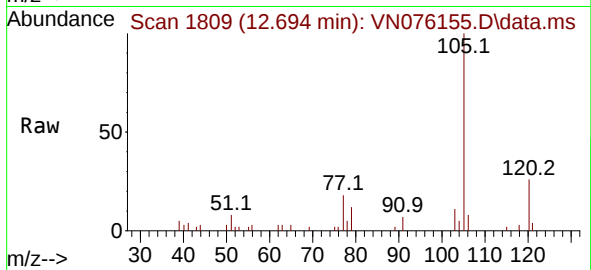
#73
Isopropylbenzene
Concen: 1.099 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

Tgt Ion:105 Resp: 14698
Ion Ratio Lower Upper
105 100
120 29.7 13.4 40.2

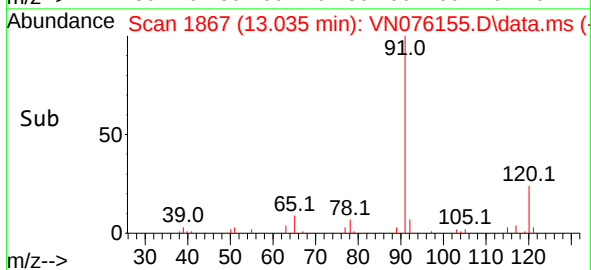
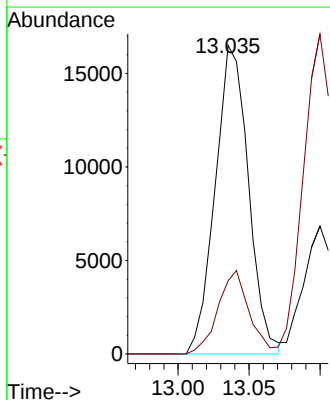
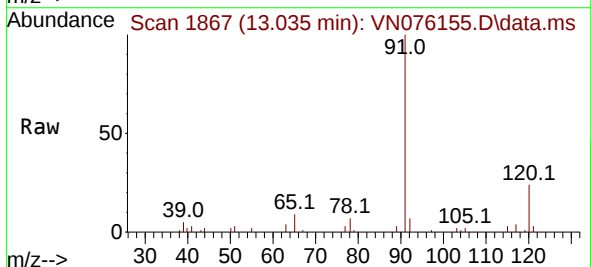
Manual Integrations
APPROVED

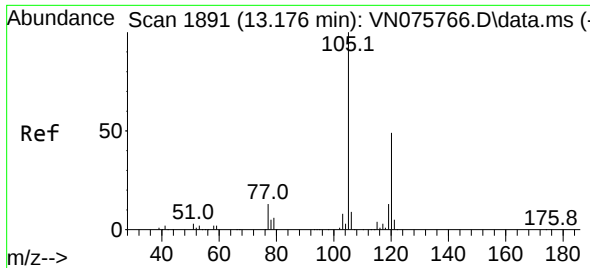
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#78
n-propylbenzene
Concen: 1.823 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

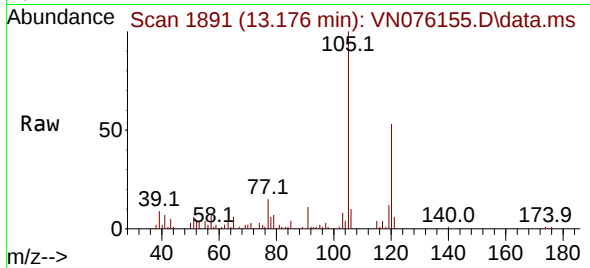
Tgt Ion: 91 Resp: 26882
Ion Ratio Lower Upper
91 100
120 25.1 12.0 36.1





#80
1,3,5-Trimethylbenzene
Concen: 3.022 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52

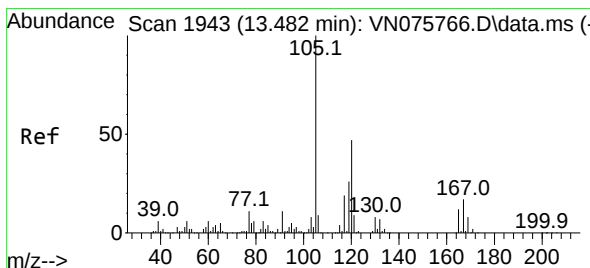
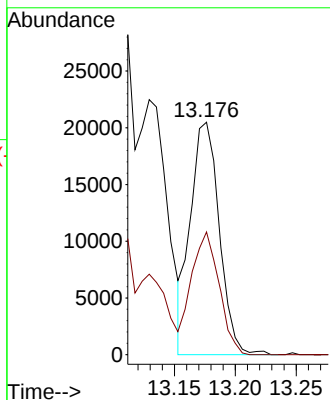
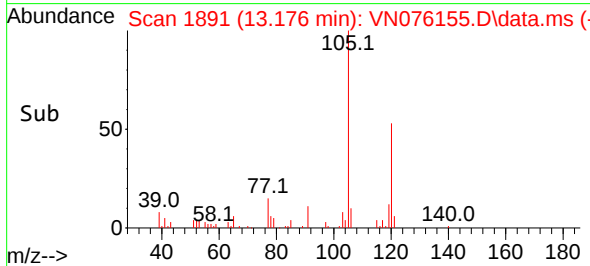
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM



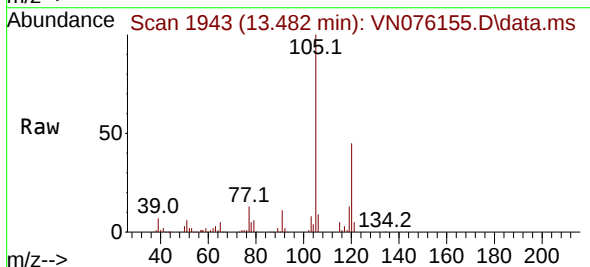
Tgt Ion:105 Resp: 33820
Ion Ratio Lower Upper
105 100
120 50.9 24.7 74.1

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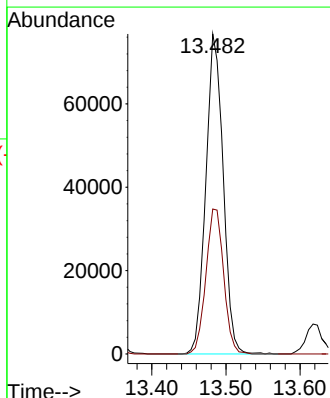
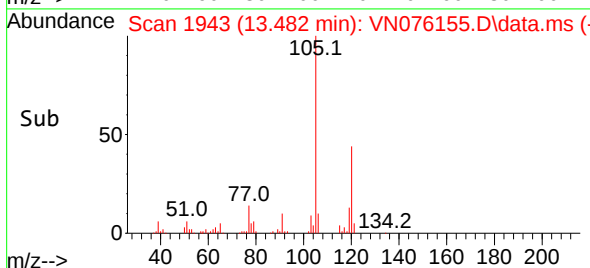
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023

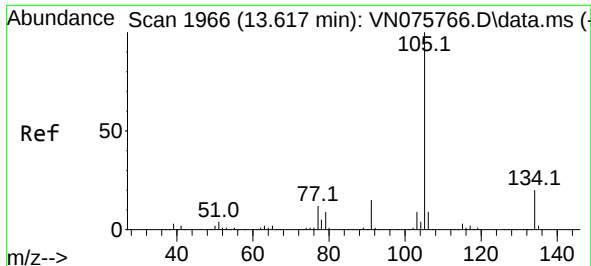


#84
1,2,4-Trimethylbenzene
Concen: 11.219 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076155.D
Acq: 09 Jan 2023 14:52



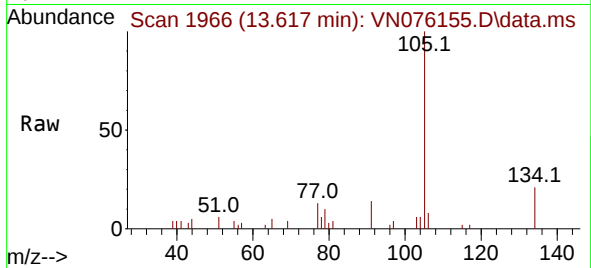
Tgt Ion:105 Resp: 124538
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.814 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076155.D
 Acq: 09 Jan 2023 14:52

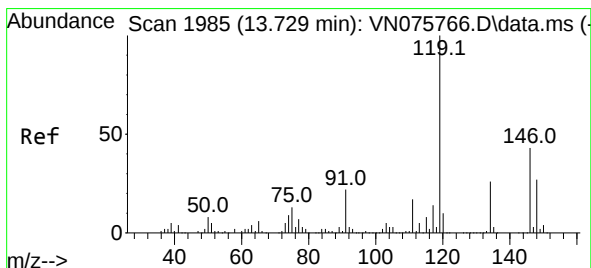
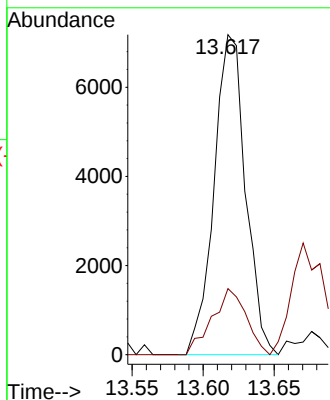
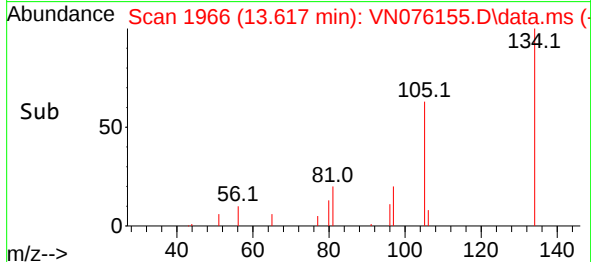
Instrument :
 MSVOA_N
 ClientSampleId :
 UST-DRUM



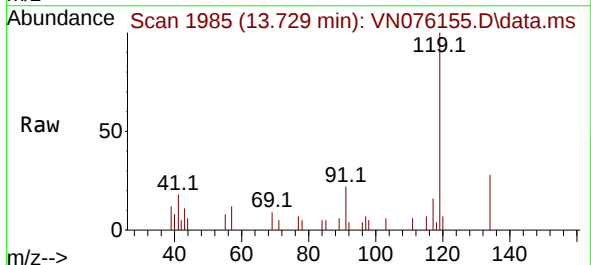
Tgt Ion:105 Resp: 11089
 Ion Ratio Lower Upper
 105 100
 134 22.3 10.1 30.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023



#86
 p-Isopropyltoluene
 Concen: 0.571 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076155.D
 Acq: 09 Jan 2023 14:52



Tgt Ion:119 Resp: 6471
 Ion Ratio Lower Upper
 119 100
 134 22.8 13.0 39.0
 91 27.2 11.2 33.6

