

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051143.D
 Acq On : 05 Oct 2022 22:18
 Operator : JC/MD
 Sample : N4889-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ60

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/08/2022

Quant Time: Oct 06 08:49:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

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

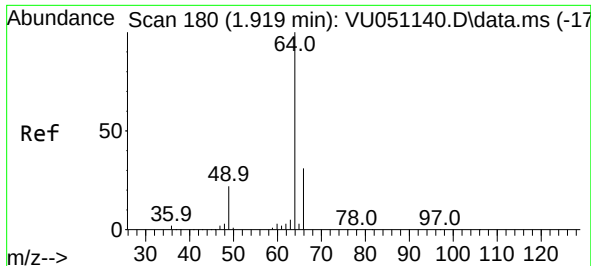
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	411105	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	413312	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	223844	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	140421	33.704	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.400%		
7) Chloroethane-d5	1.900	69	135417	34.990	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.980%#		
11) 1,1-Dichloroethene-d2	2.562	63	180213	29.282	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.560%#		
21) 2-Butanone-d5	4.620	46	252108	93.296	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.300%		
24) Chloroform-d	5.060	84	296724	44.205	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.400%		
26) 1,2-Dichloroethane-d4	5.700	65	195356	47.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.040%		
32) Benzene-d6	5.726	84	618814	51.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.260%		
36) 1,2-Dichloropropane-d6	6.687	67	210171	53.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.020%		
41) Toluene-d8	7.896	98	555072	49.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.280%		
43) trans-1,3-Dichloroprop...	8.179	79	83832	44.752	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.500%		
47) 2-Hexanone-d5	8.633	63	145539	91.775	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.770%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	334077	48.671	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.340%		
66) 1,2-Dichlorobenzene-d4	12.192	152	224265	46.898	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.800%		
Target Compounds						Qvalue
8) Chloroethane	1.922	64	30435	9.588	ug/L	100
13) Acetone	2.626	43	7501	3.476	ug/L	93
19) 1,1-Dichloroethane	3.864	63	15412	2.601	ug/L	96
20) cis-1,2-Dichloroethene	4.668	96	4069	1.168	ug/L	99
29) Cyclohexane	5.385	56	141994	35.283	ug/L	96
33) Benzene	5.774	78	27778	2.204	ug/L	100
35) Methylcyclohexane	6.761	83	661995	149.031	ug/L	93
42) Toluene	7.964	91	16980864m	1266.968	ug/L	
52) Ethylbenzene	9.562	91	18704998m	1308.388	ug/L	
53) m,p-Xylene	9.694	106	16835012m	3131.479	ug/L	
54) o-Xylene	10.099	106	550604	102.467	ug/L	100
61) Isopropylbenzene	10.481	105	2186696	150.380	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	82594	6.946	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	646287	54.231	ug/L	99

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

Manual Integrations

Quant Time: Oct 06 08:49:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
Response via : Initial Calibration





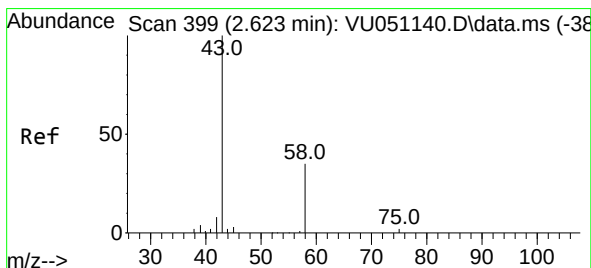
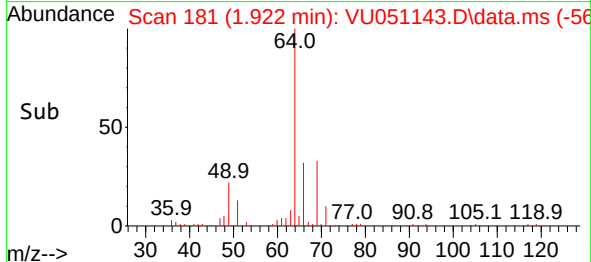
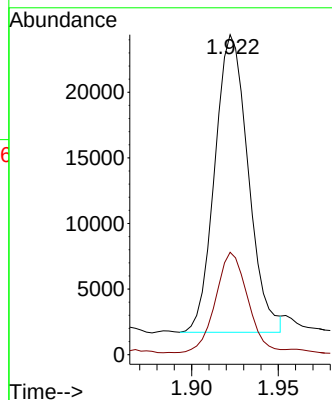
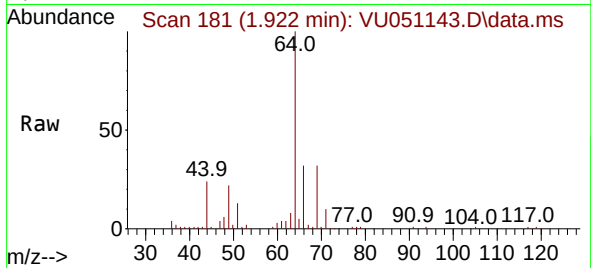
#8
Chloroethane
Concen: 9.588 ug/L
RT: 1.922 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Instrument :
MSVOA_U
ClientSampleId :
EXZ60

Tgt Ion: 64 Resp: 3043
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3

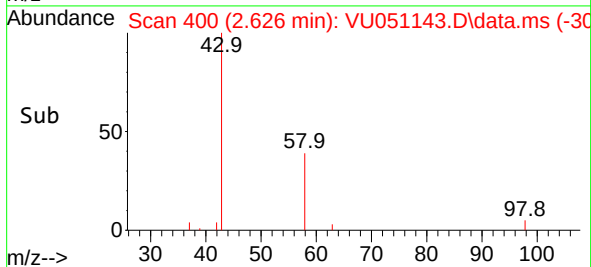
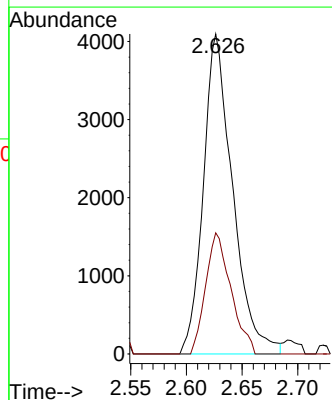
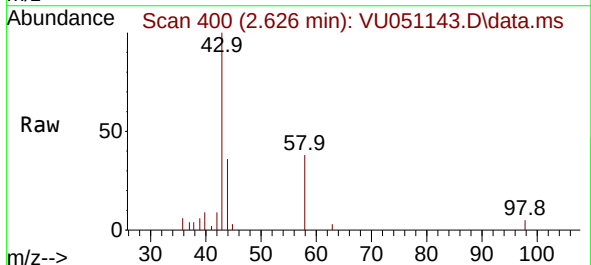
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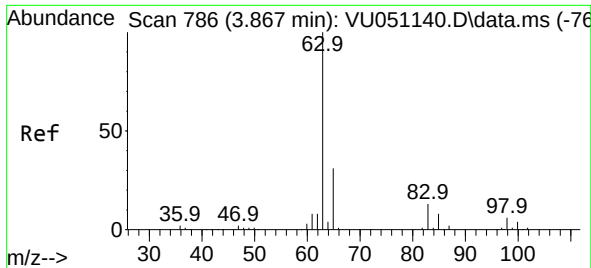
Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/08/2022



#13
Acetone
Concen: 3.476 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Tgt Ion: 43 Resp: 7501
Ion Ratio Lower Upper
43 100
58 32.6 0.0 73.6





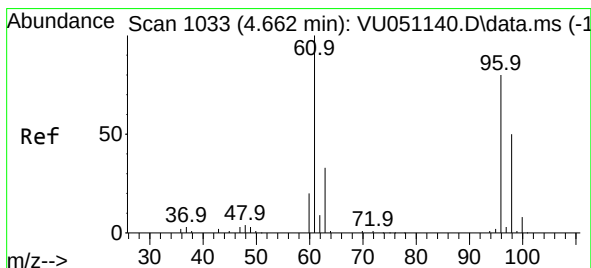
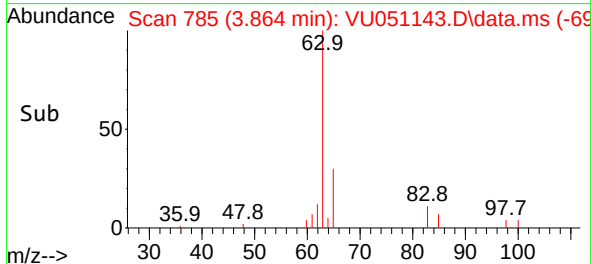
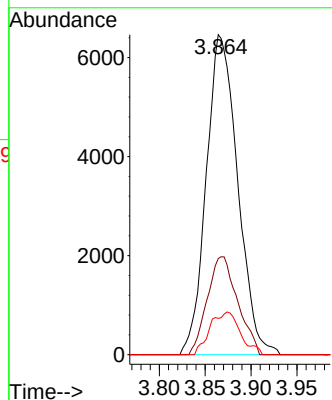
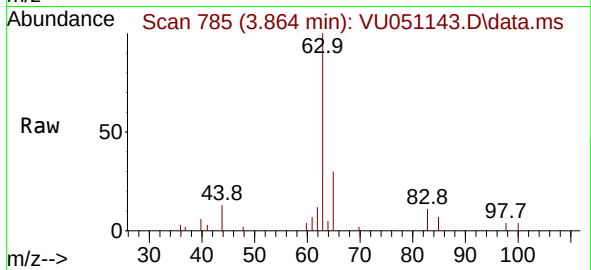
#19
1,1-Dichloroethane
Concen: 2.601 ug/L
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Instrument :
MSVOA_U
ClientSampleId :
EXZ60

Tgt Ion: 63 Resp: 1541
Ion Ratio Lower Upper
63 100
65 30.1 22.6 42.0
83 11.3 9.4 17.4

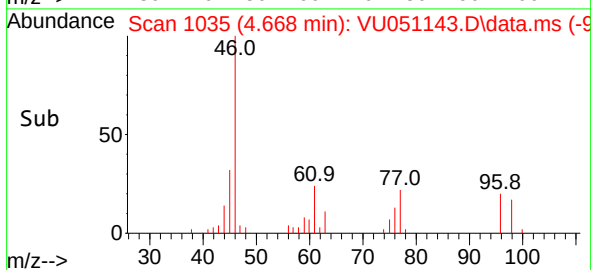
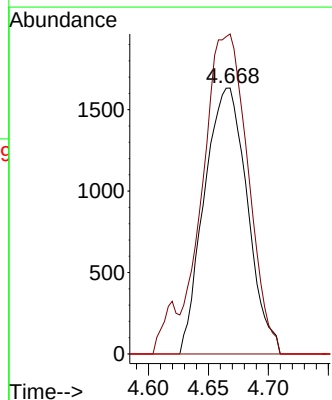
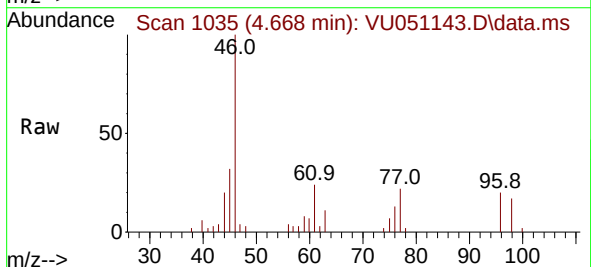
Manual Integrations
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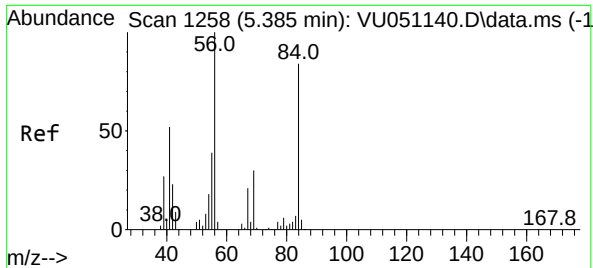
Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/08/2022



#20
cis-1,2-Dichloroethene
Concen: 1.168 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Tgt Ion: 96 Resp: 4069
Ion Ratio Lower Upper
96 100
61 120.3 85.4 158.6
68 0.0 0.0 0.0





#29

Cyclohexane

Concen: 35.283 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051143.D

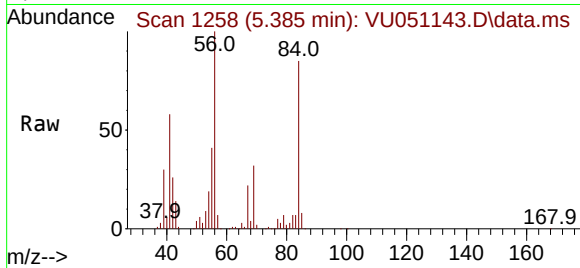
Acq: 05 Oct 2022 22:18

Instrument :

MSVOA_U

ClientSampleId :

EXZ60



Tgt Ion: 56 Resp: 141994

Ion Ratio Lower Upper

56 100

69 31.6 24.8 37.2

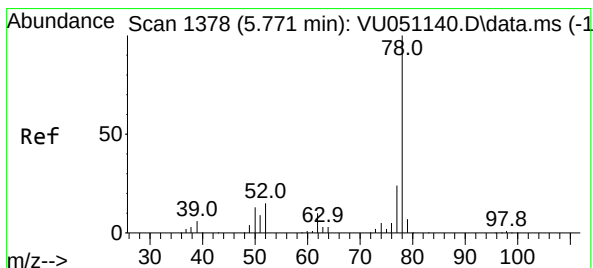
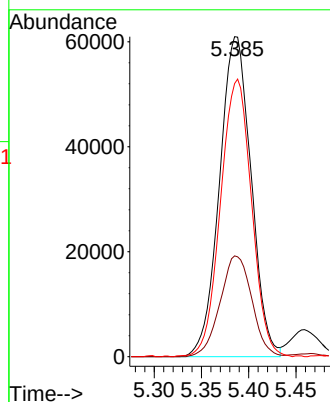
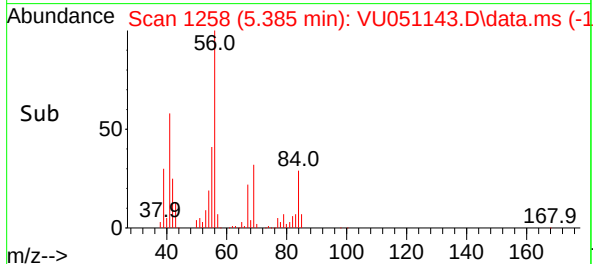
84 85.0 71.8 107.6

Manual Integrations

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Reviewed By :Krupa Patel 10/06/2022

Supervised By :Mahesh Dadoda 10/08/2022



#33

Benzene

Concen: 2.204 ug/L

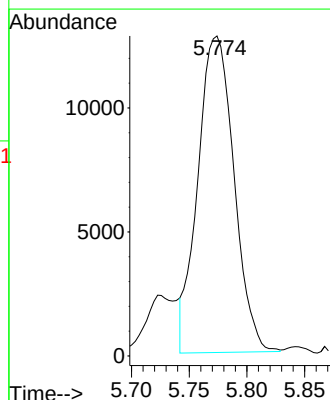
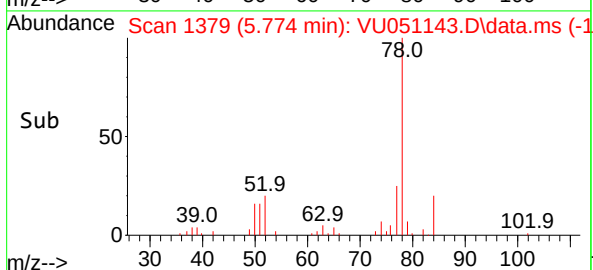
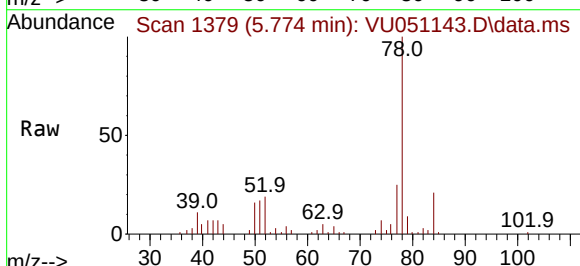
RT: 5.774 min Scan# 1379

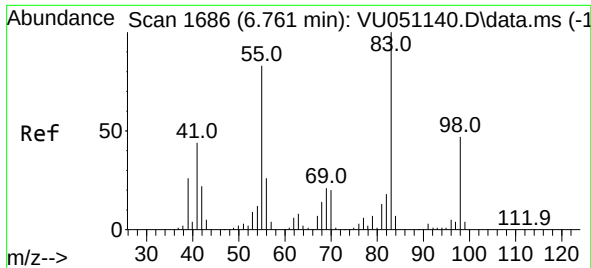
Delta R.T. 0.003 min

Lab File: VU051143.D

Acq: 05 Oct 2022 22:18

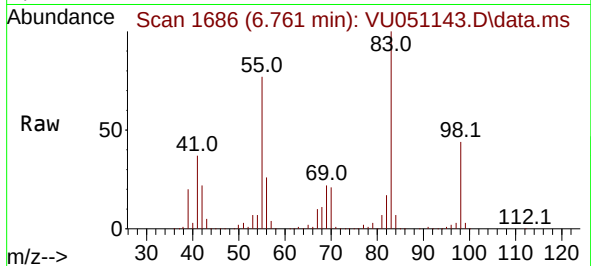
Tgt Ion: 78 Resp: 27778





#35
Methylcyclohexane
Concen: 149.031 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

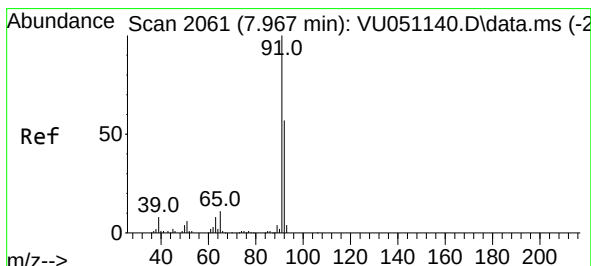
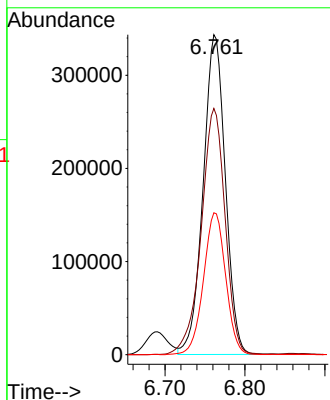
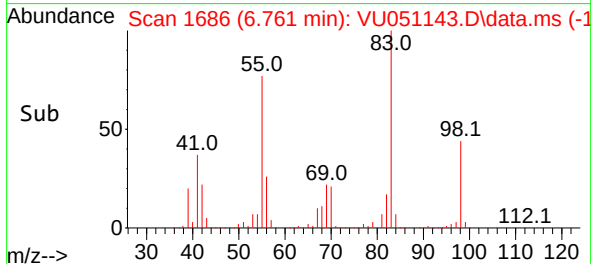
Instrument :
MSVOA_U
ClientSampleId :
EXZ60



Tgt Ion: 83 Resp: 66199
Ion Ratio Lower Upper
83 100
55 83.1 59.3 88.9
98 44.5 36.0 54.0

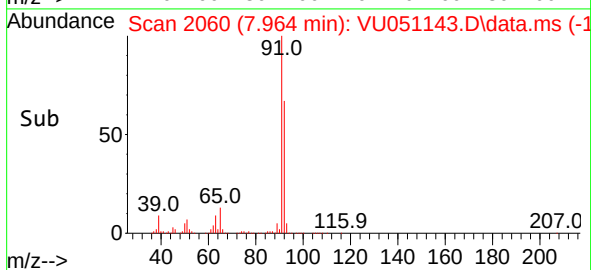
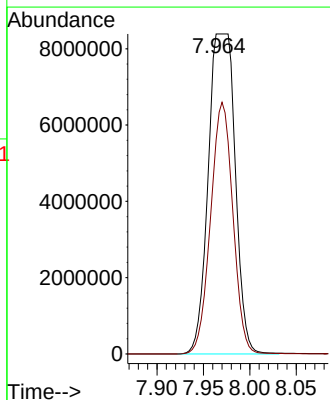
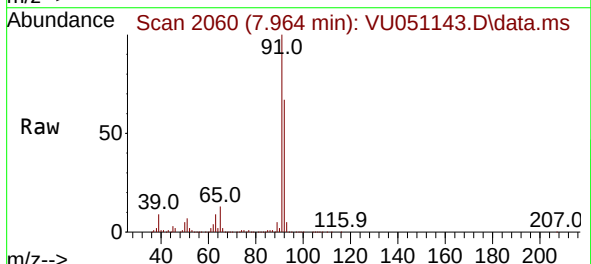
Manual Integrations
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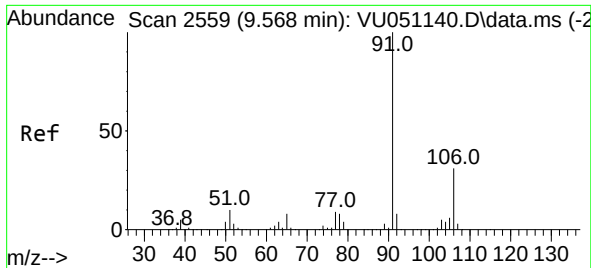
Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/08/2022



#42
Toluene
Concen: 1266.968 ug/L m
RT: 7.964 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Tgt Ion: 91 Resp:16980864
Ion Ratio Lower Upper
91 100
92 66.9 40.1 74.5





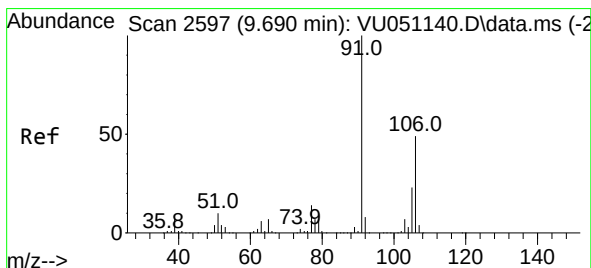
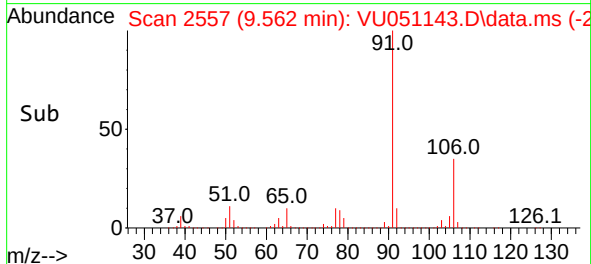
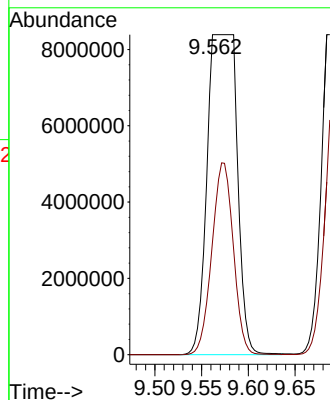
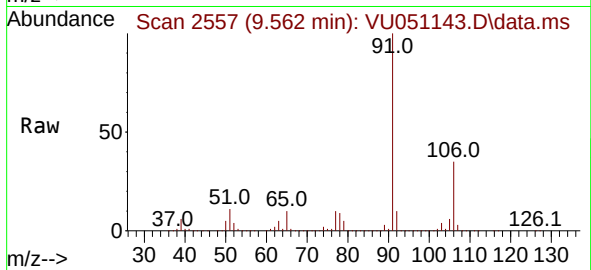
#52
Ethylbenzene
Concen: 1308.388 ug/L m
RT: 9.562 min Scan# 2557
Delta R.T. -0.006 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Instrument :
MSVOA_U
ClientSampleId :
EXZ60

Tgt Ion: 91 Resp:18704998
Ion Ratio Lower Upper
91 100
106 35.4 21.7 40.3

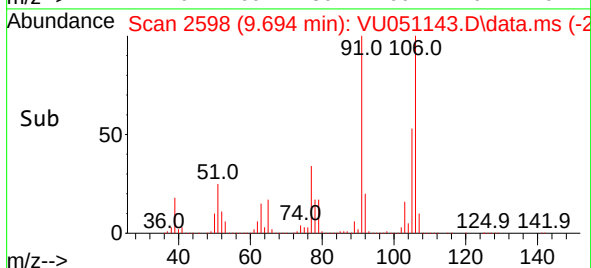
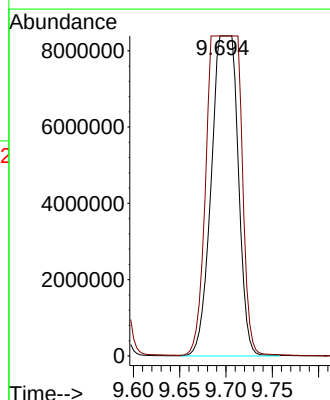
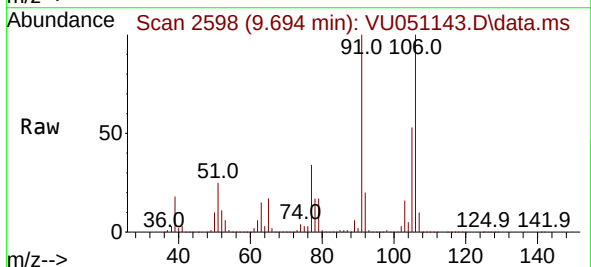
Manual Integrations
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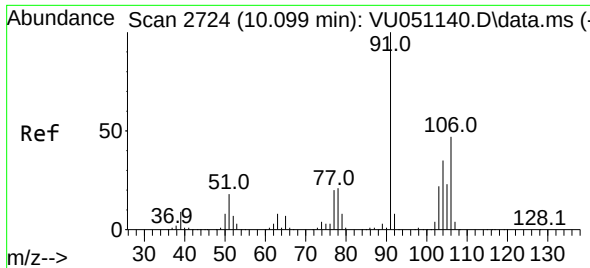
Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/08/2022



#53
m,p-Xylene
Concen: 3131.479 ug/L m
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Tgt Ion:106 Resp:16835012
Ion Ratio Lower Upper
106 100
91 100.0 141.9 263.5#





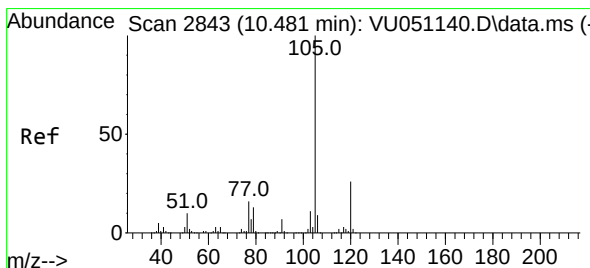
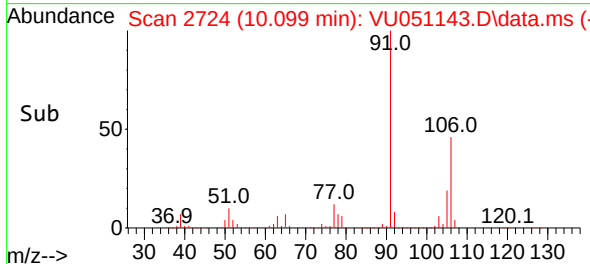
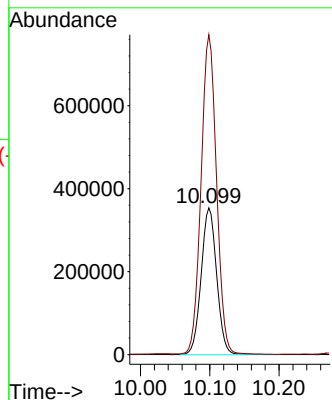
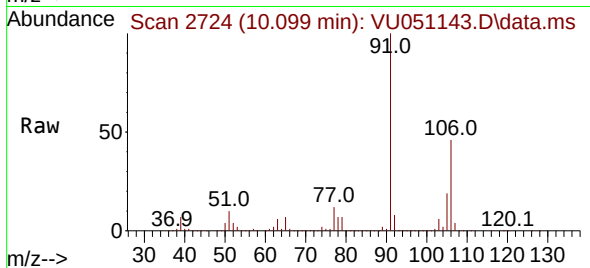
#54
o-Xylene
Concen: 102.467 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Instrument :
MSVOA_U
ClientSampleId :
EXZ60

Tgt Ion:106 Resp: 550604
Ion Ratio Lower Upper
106 100
91 217.8 152.4 283.0

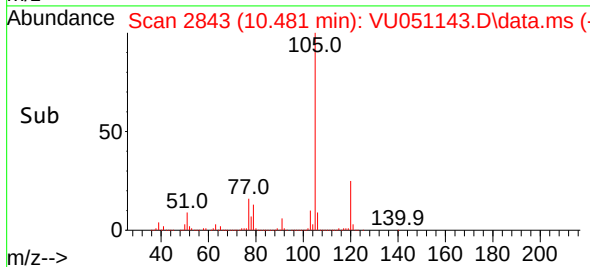
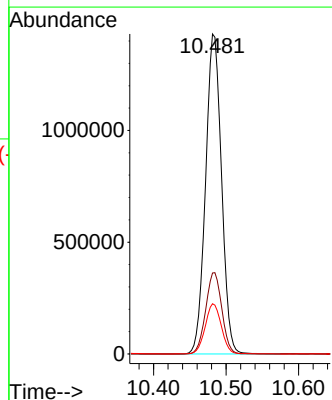
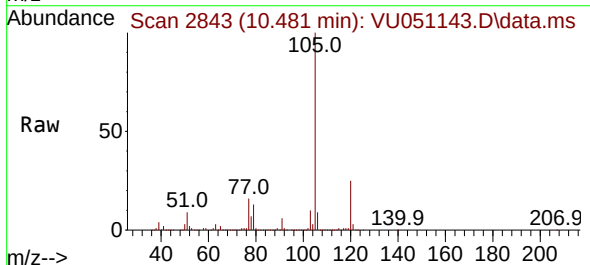
Manual Integrations
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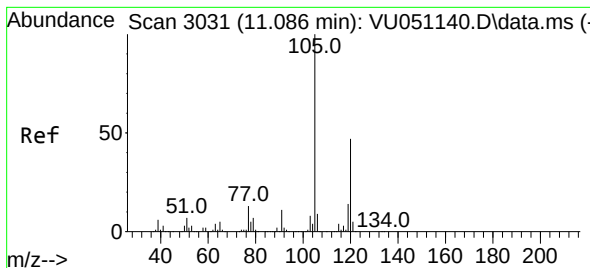
Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/08/2022



#61
Isopropylbenzene
Concen: 150.380 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051143.D
Acq: 05 Oct 2022 22:18

Tgt Ion:105 Resp: 2186696
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 16.0 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 6.946 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051143.D

Acq: 05 Oct 2022 22:18

Instrument :

MSVOA_U

ClientSampleId :

EXZ60

Tgt Ion:105 Resp: 82594

Ion Ratio Lower Upper

105 100

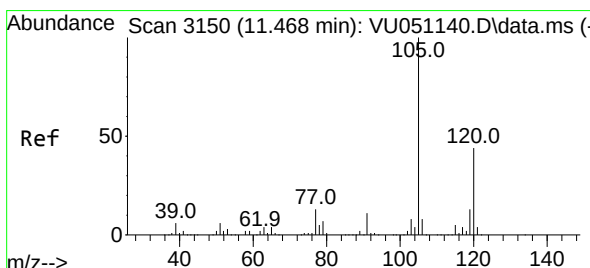
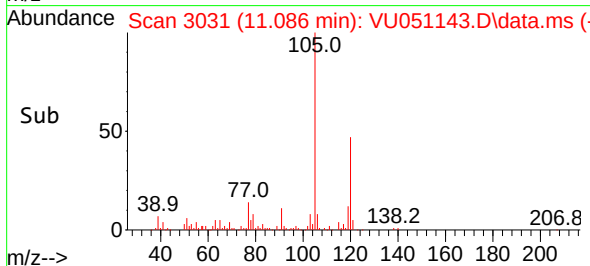
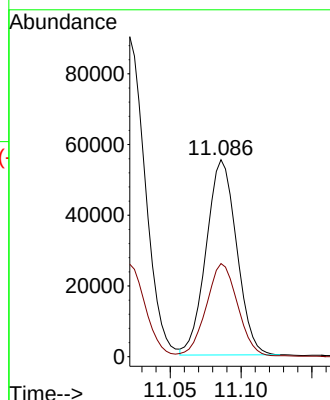
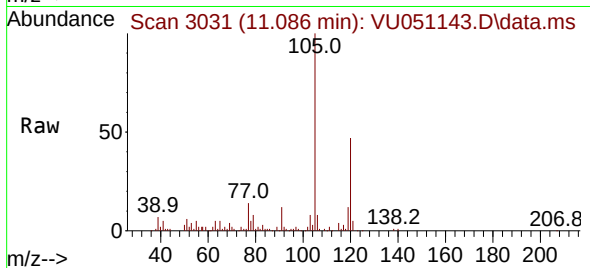
120 48.3 37.8 56.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 10/08/2022



#63

1,2,4-Trimethylbenzene

Concen: 54.231 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU051143.D

Acq: 05 Oct 2022 22:18

Tgt Ion:105 Resp: 646287

Ion Ratio Lower Upper

105 100

120 43.8 35.5 53.3

