

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051531.D
 Acq On : 27 Oct 2022 03:48
 Operator : JC/MD
 Sample : N5300-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA72

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 08:27:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	318837	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	329055	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184982	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	102935	4.002	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.000%		
7) Chloroethane-d5	1.909	69	96262	4.356	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	87.200%		
11) 1,1-Dichloroethene-d2	2.562	65	36534	3.594	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	71.800%		
20) 2-Butanone-d5	4.616	46	264392	46.692	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	93.380%		
24) Chloroform-d	5.063	84	173509	3.619	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	72.400%		
26) 1,2-Dichloroethane-d4	5.716	65	132911m	5.375	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery =	107.400%		
32) Benzene-d6	5.751	84	383523	4.237	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.800%		
36) 1,2-Dichloropropane-d6	6.690	67	125550	4.084	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	81.600%		
41) Toluene-d8	7.896	98	355670	4.392	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.800%		
43) trans-1,3-Dichloroprop...	8.179	79	37406	3.703	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	74.000%		
46) 2-Hexanone-d5	8.632	63	259453	76.218	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	152.440%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	116515	4.744	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	12.192	152	138516	4.308	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.200%		
Target Compounds						
8) Chloroethane	1.928	64	285859	12.513	ug/L	98
13) Acetone	2.620	43	58099	13.680	ug/L	98
14) Carbon disulfide	2.790	76	18651	0.262	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	23876	0.976	ug/L	93
19) 1,1-Dichloroethane	3.867	63	5044	0.100	ug/L	89
30) Cyclohexane	5.388	56	320017	9.570	ug/L	99
33) Benzene	5.755	78	65593315m	597.099	ug/L	
35) Methylcyclohexane	6.764	83	173178	5.009	ug/L	97
42) Toluene	7.967	91	1750276	15.011	ug/L	99
51) Chlorobenzene	9.439	112	24144551m	346.548	ug/L	
52) Ethylbenzene	9.571	91	16792305	160.253	ug/L	91
53) m,p-Xylene	9.690	106	38402021m	944.944	ug/L	
54) o-Xylene	10.102	106	19967521m	519.276	ug/L	
60) Isopropylbenzene	10.484	105	5778311	49.318	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	9482176	305.080	ug/L	98
63) 1,2,4-Trimethylbenzene	11.462	105	20450594m	232.661	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	146343	2.525	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	2007270	35.139	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	337872	5.997	ug/L	98

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

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

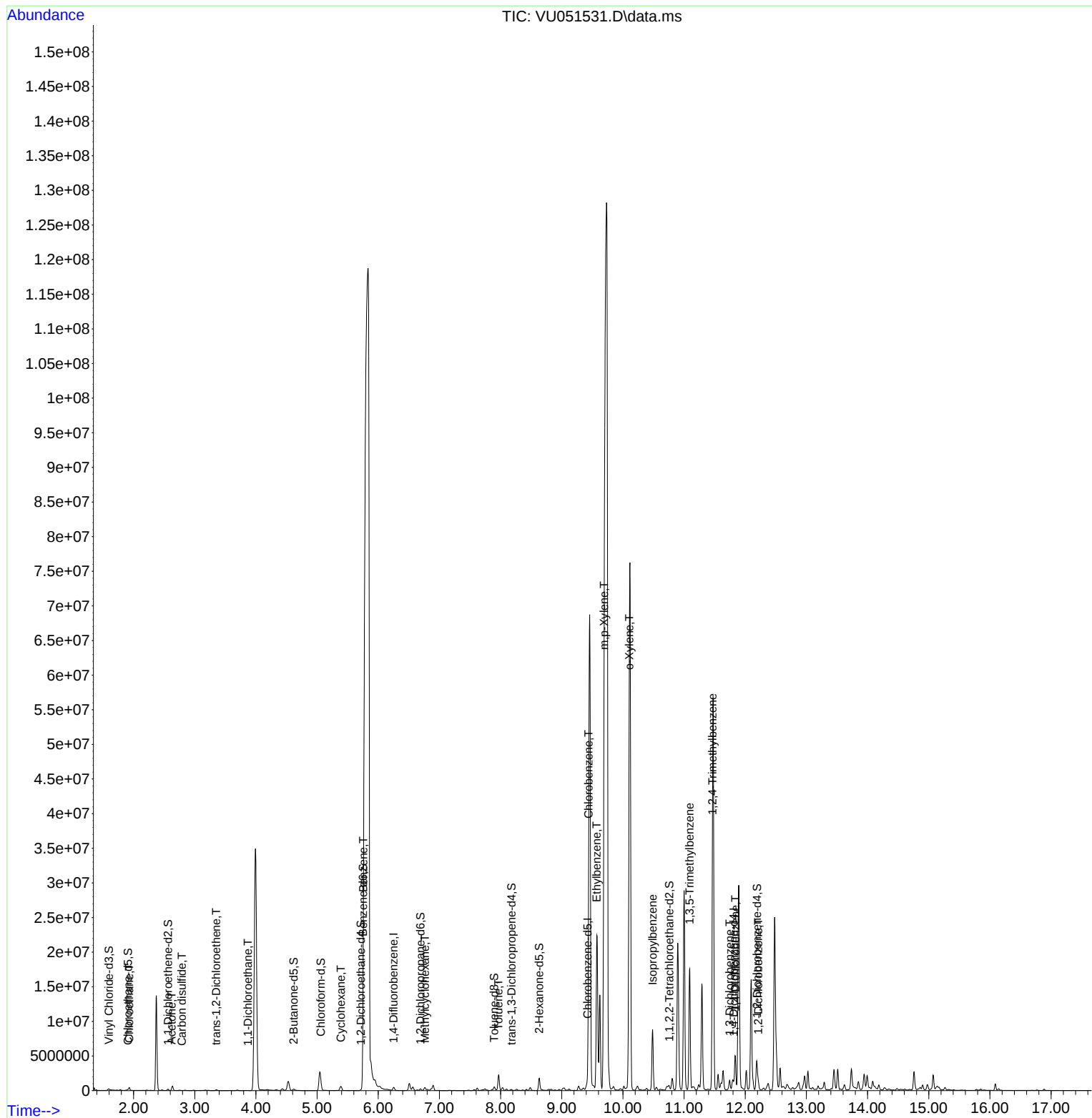
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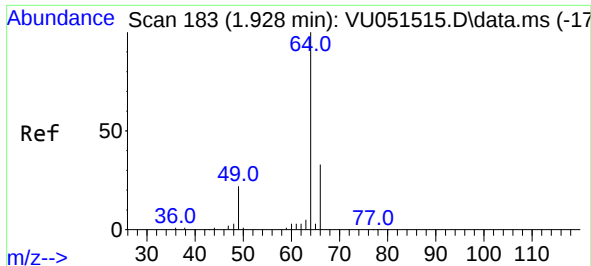
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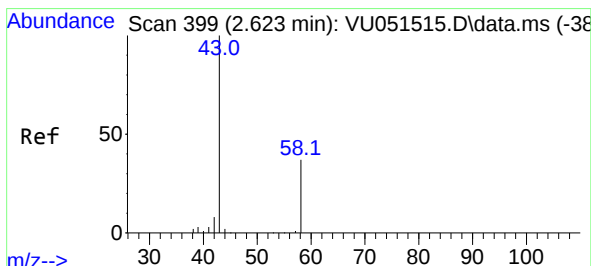
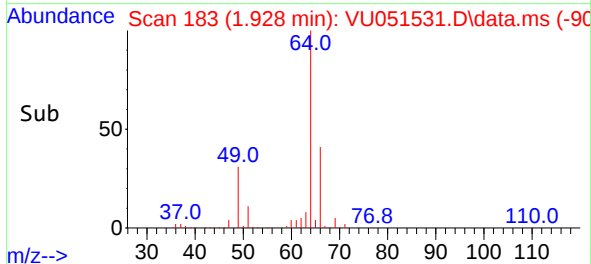
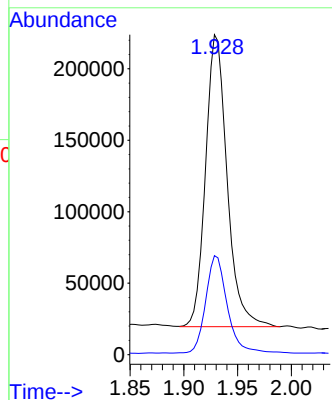
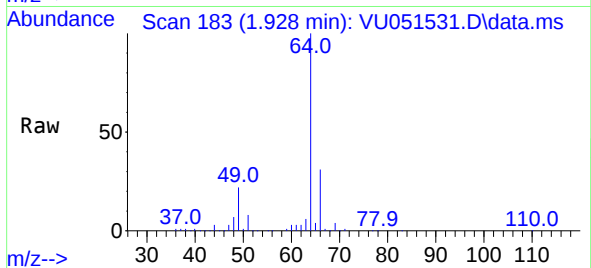
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Chloroethane
Concen: 12.513 ug/L
RT: 1.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051531.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 285859
Ion Ratio Lower Upper
64 100
66 30.9 22.3 41.3

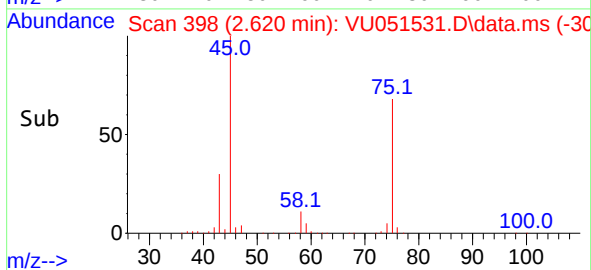
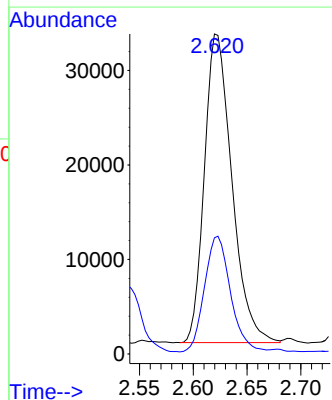
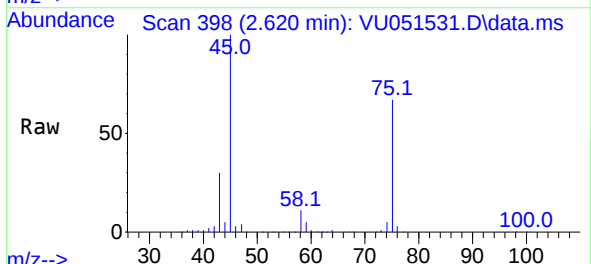
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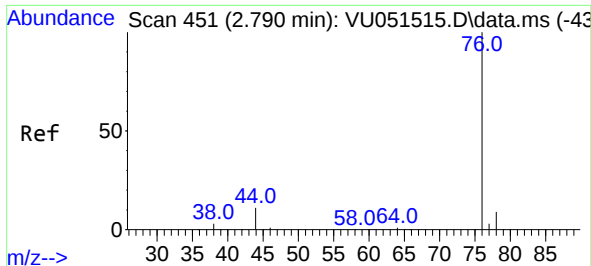
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#13
Acetone
Concen: 13.680 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

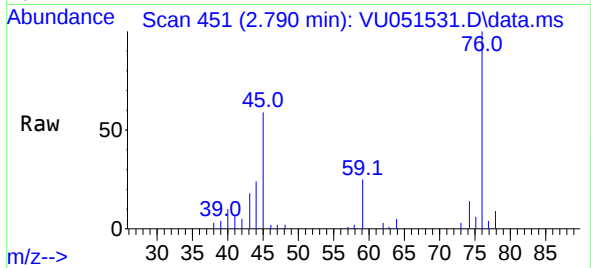
Tgt Ion: 43 Resp: 58099
Ion Ratio Lower Upper
43 100
58 35.4 0.0 68.8





#14
Carbon disulfide
Concen: 0.262 ug/L
RT: 2.790 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

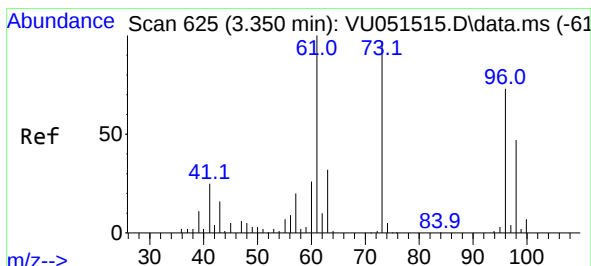
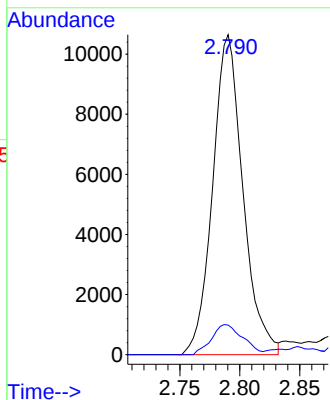
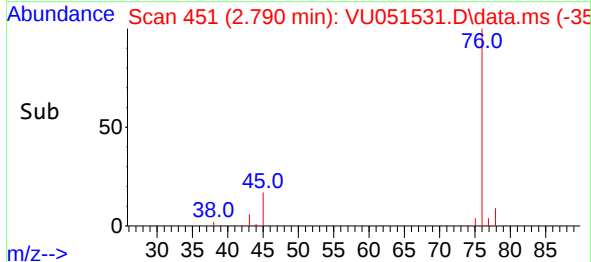
Instrument :
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ClientSampleId :
BHA72



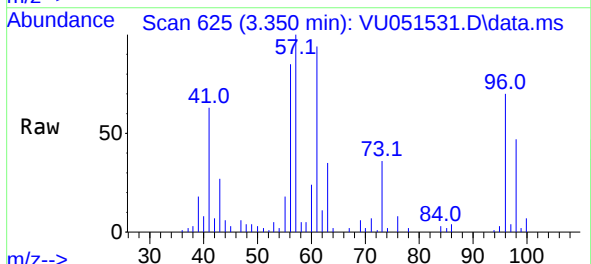
Tgt Ion: 76 Resp: 1865
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

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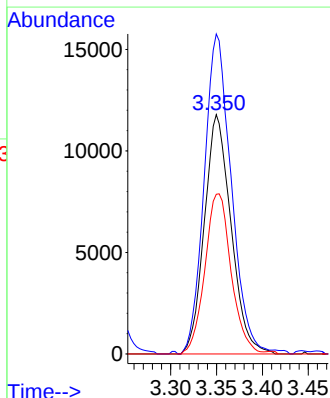
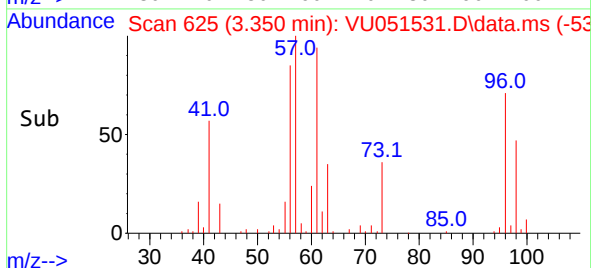
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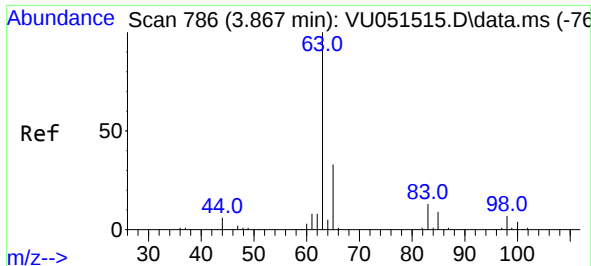


#18
trans-1,2-Dichloroethene
Concen: 0.976 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48



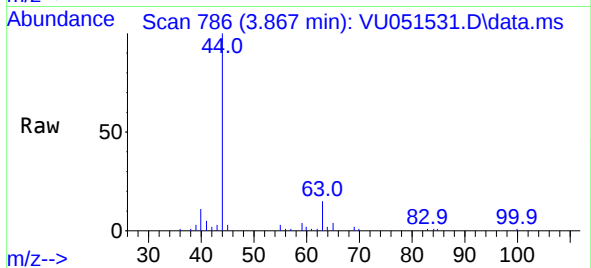
Tgt Ion: 96 Resp: 23876
Ion Ratio Lower Upper
96 100
61 133.7 101.4 188.2
98 66.7 44.9 83.5





#19
1,1-Dichloroethane
Concen: 0.100 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

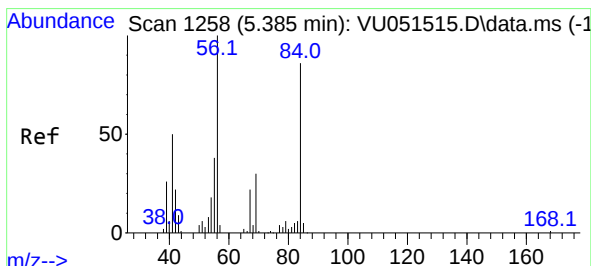
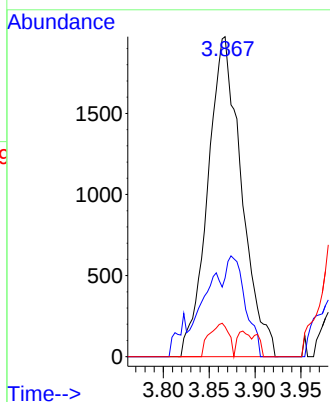
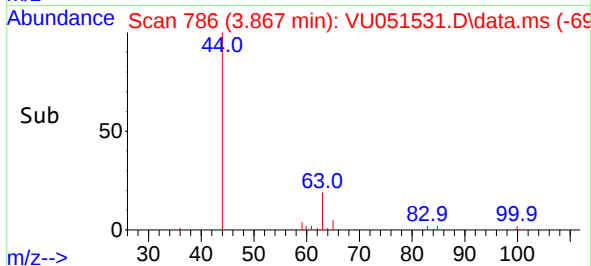
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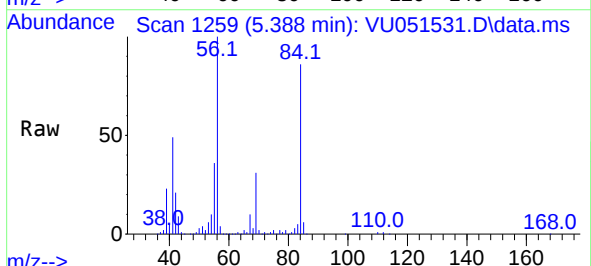
Tgt Ion: 63 Resp: 5044
Ion Ratio Lower Upper
63 100
65 24.6 22.0 41.0
83 9.4 9.0 16.6

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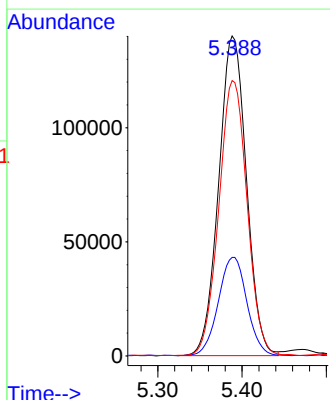
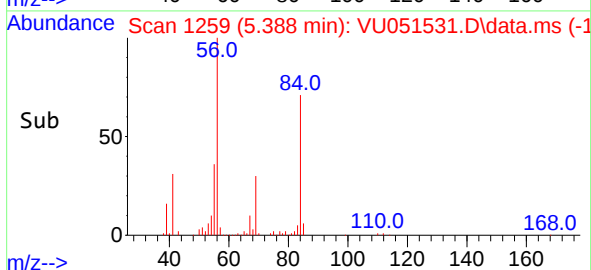
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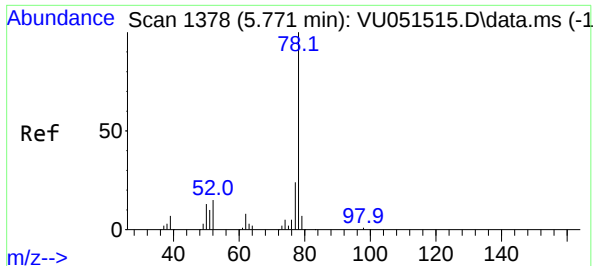


#30
Cyclohexane
Concen: 9.570 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48



Tgt Ion: 56 Resp: 320017
Ion Ratio Lower Upper
56 100
69 31.7 25.1 37.7
84 87.5 70.9 106.3





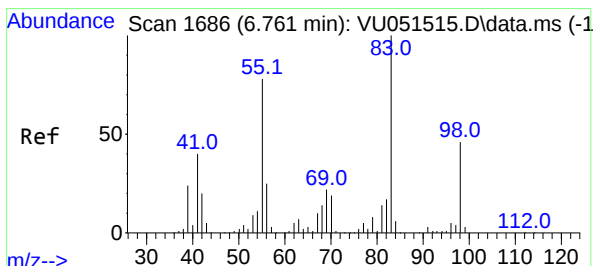
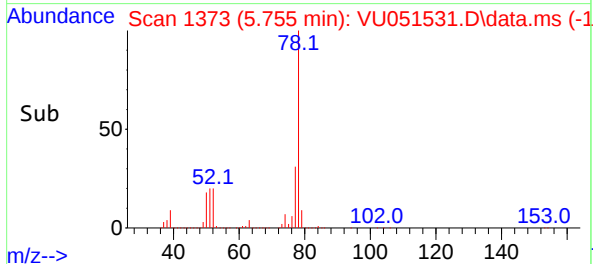
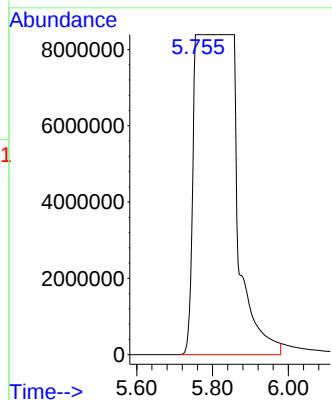
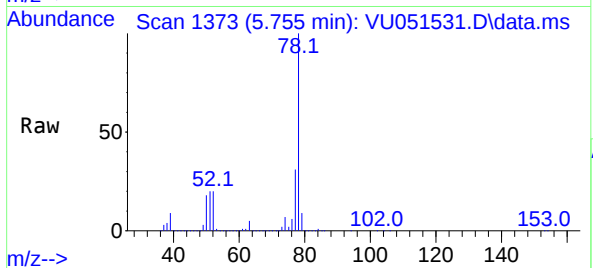
#33
Benzene
Concen: 597.099 ug/L m
RT: 5.755 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU051531.D
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Tgt Ion: 78 Resp:6559331

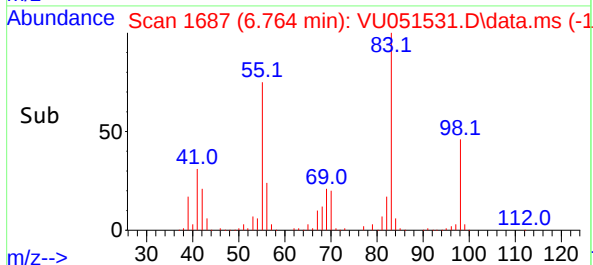
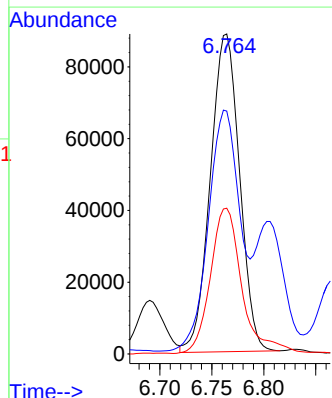
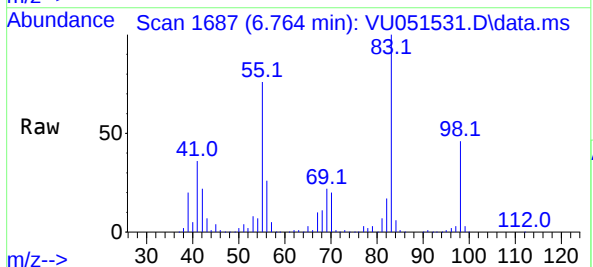
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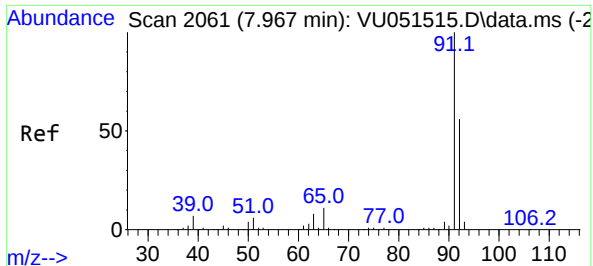
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#35
Methylcyclohexane
Concen: 5.009 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

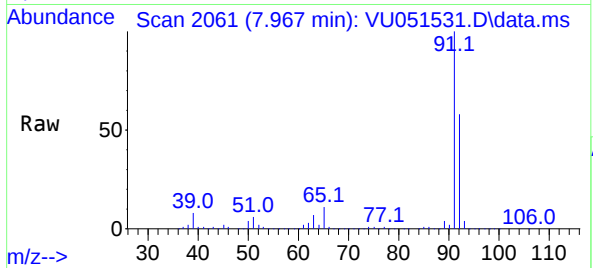
Tgt Ion: 83 Resp: 173178
Ion Ratio Lower Upper
83 100
55 81.9 65.8 98.6
98 49.5 35.9 53.9





#42
Toluene
Concen: 15.011 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

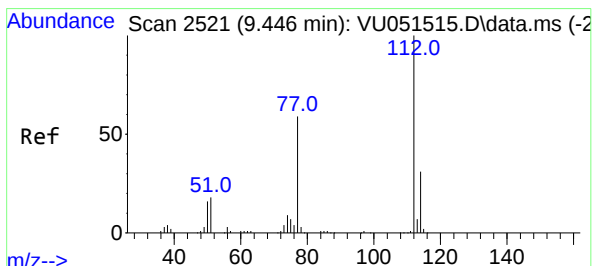
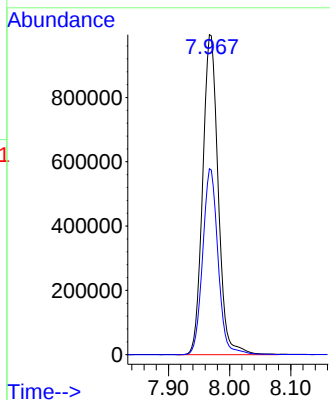
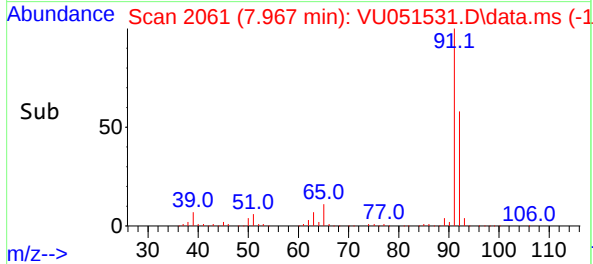
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Tgt Ion: 91 Resp: 1750270
Ion Ratio Lower Upper
91 100
92 58.1 39.9 74.1

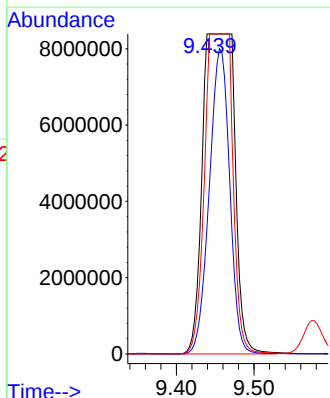
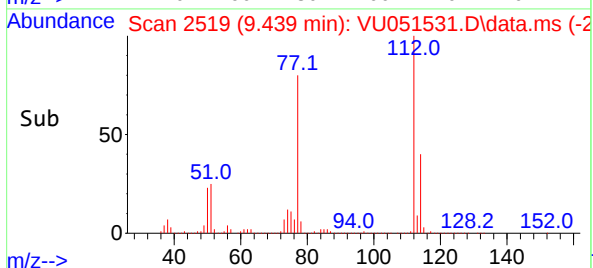
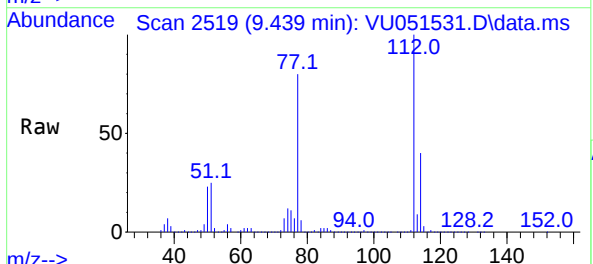
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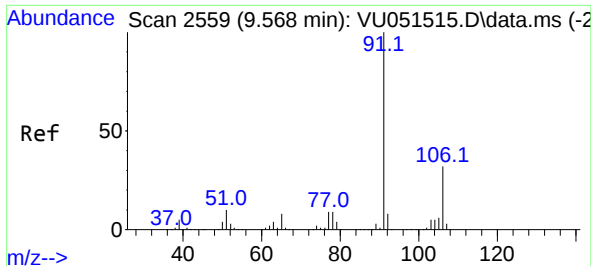
Reviewed By :Krupa Patel 10/27/2022
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#51
Chlorobenzene
Concen: 346.548 ug/L m
RT: 9.439 min Scan# 2519
Delta R.T. -0.006 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

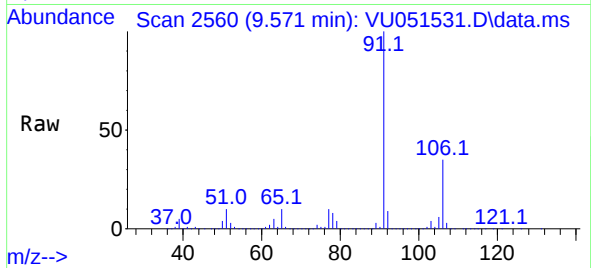
Tgt Ion:112 Resp:24144551
Ion Ratio Lower Upper
112 100
114 39.8 22.3 41.5
77 79.7 48.1 72.1#





#52
Ethylbenzene
Concen: 160.253 ug/L
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

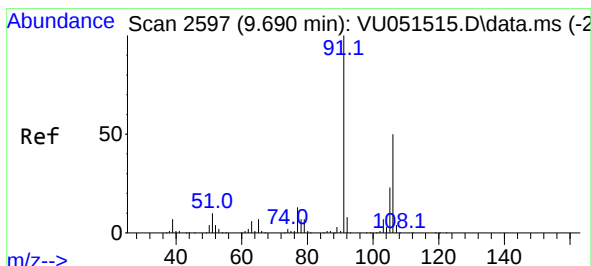
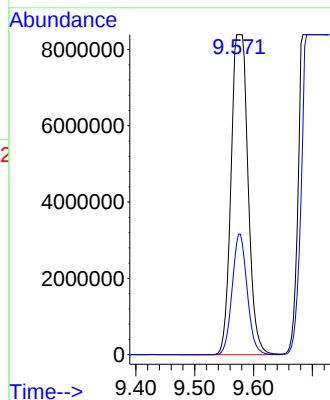
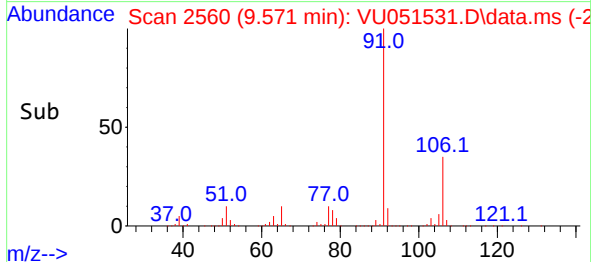
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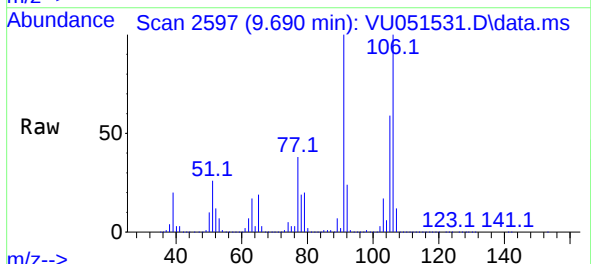
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Ion Ratio Lower Upper
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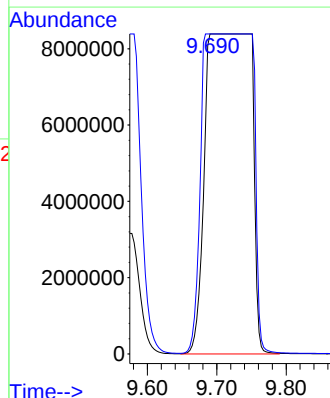
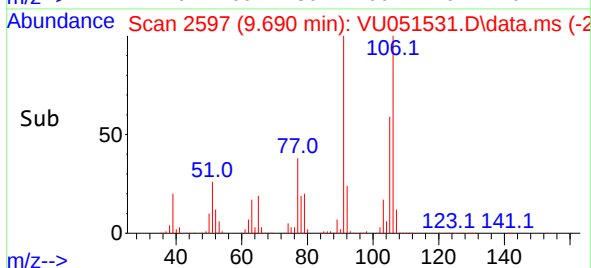
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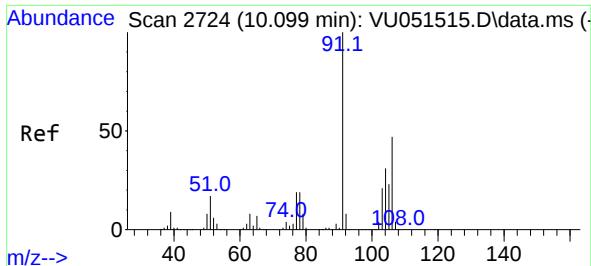


#53
m,p-Xylene
Concen: 944.944 ug/L m
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48



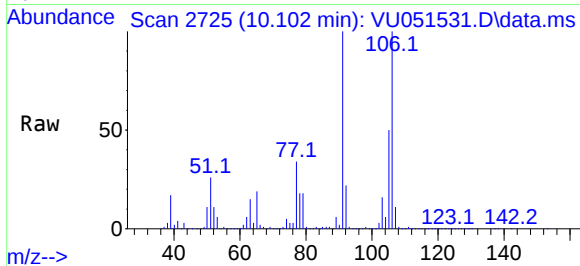
Tgt Ion:106 Resp:38402021
Ion Ratio Lower Upper
106 100
91 100.0 143.9 267.3#





#54
o-Xylene
Concen: 519.276 ug/L m
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

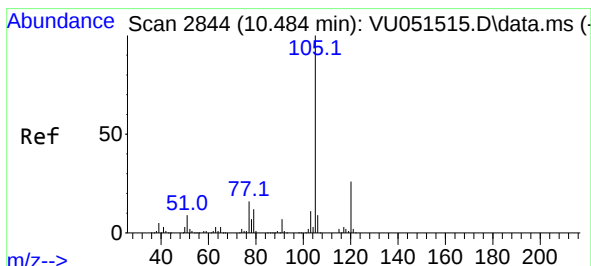
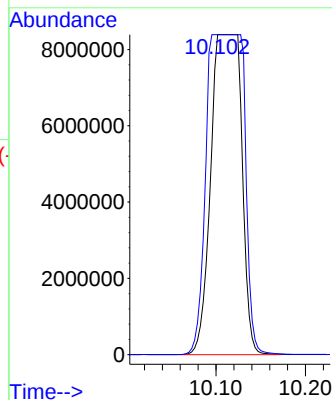
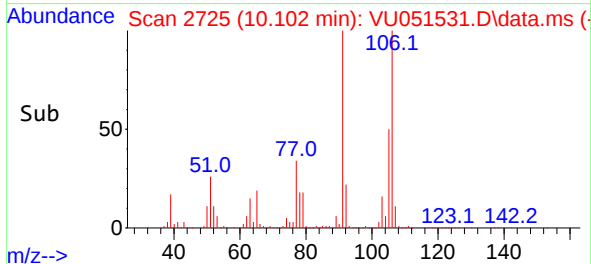
Instrument :
MSVOA_U
ClientSampleId :
BHA72



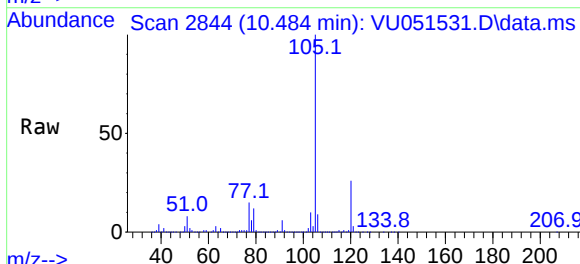
Tgt Ion:106 Resp:1996752
Ion Ratio Lower Upper
106 100
91 100.0 154.4 286.8

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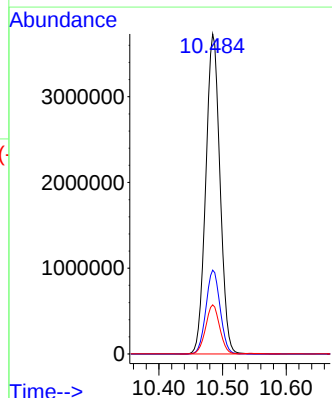
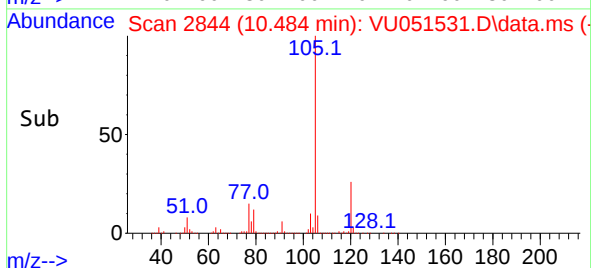
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

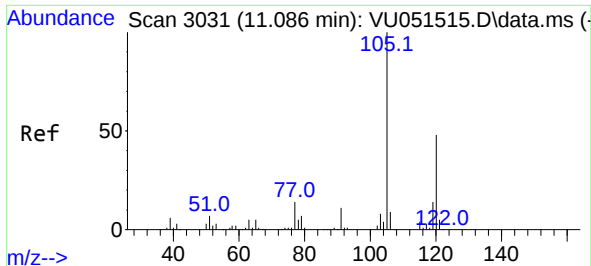


#60
Isopropylbenzene
Concen: 49.318 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48



Tgt Ion:105 Resp: 5778311
Ion Ratio Lower Upper
105 100
120 26.2 20.6 30.8
77 15.2 13.5 20.3





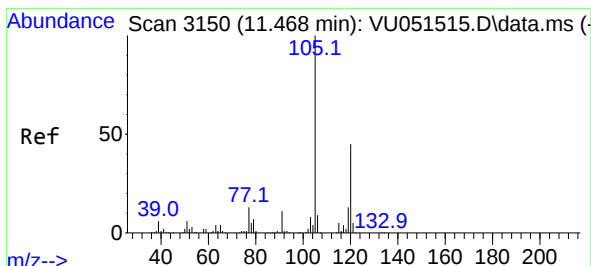
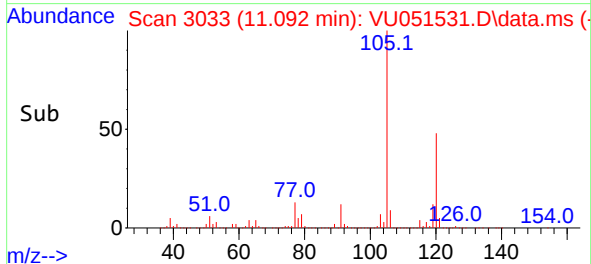
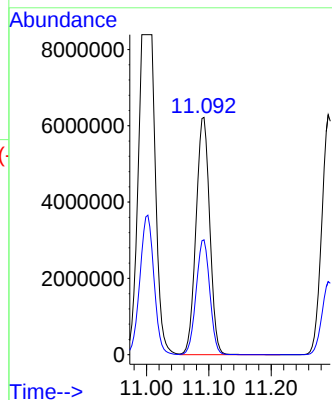
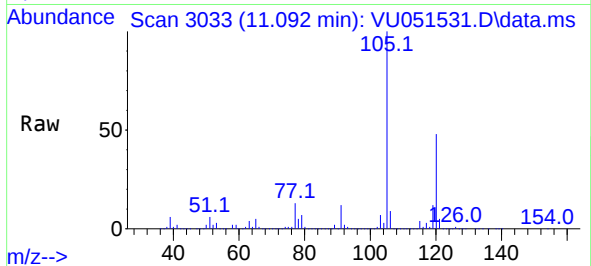
#62
1,3,5-Trimethylbenzene
Concen: 305.080 ug/L
RT: 11.092 min Scan# 3031
Delta R.T. 0.006 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

Instrument :
MSVOA_U
ClientSampleId :
BHA72

Tgt Ion:105 Resp: 9482170
Ion Ratio Lower Upper
105 100
120 48.2 37.7 56.5

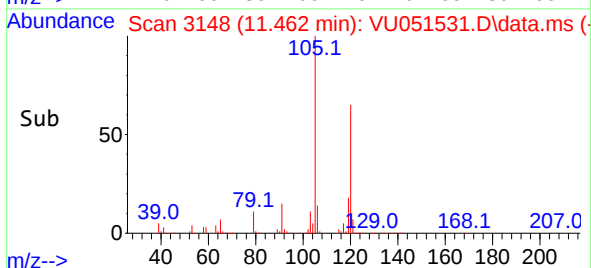
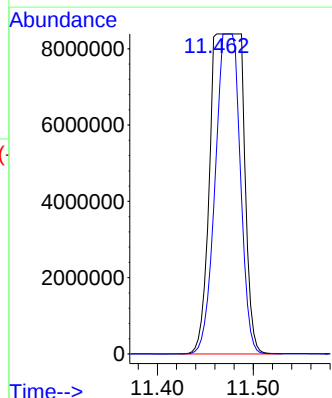
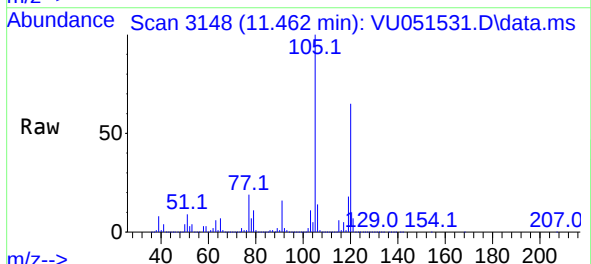
Manual Integrations
APPROVED

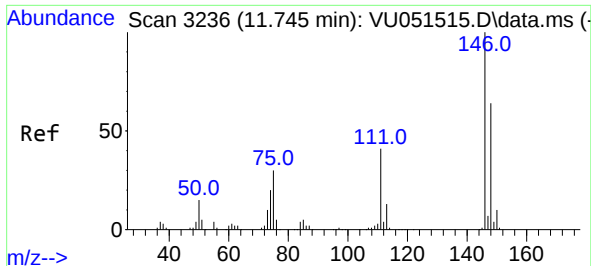
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#63
1,2,4-Trimethylbenzene
Concen: 232.661 ug/L m
RT: 11.462 min Scan# 3148
Delta R.T. -0.006 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

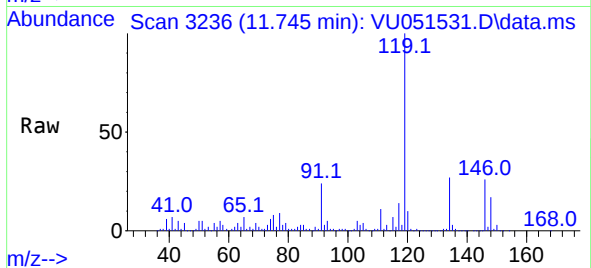
Tgt Ion:105 Resp:20450594
Ion Ratio Lower Upper
105 100
120 22.3 35.6 53.4#





#64
1,3-Dichlorobenzene
Concen: 2.525 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

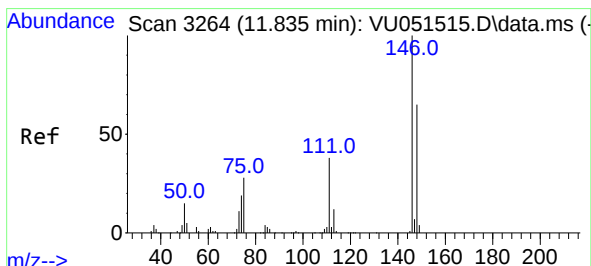
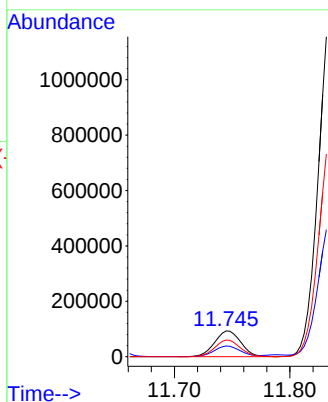
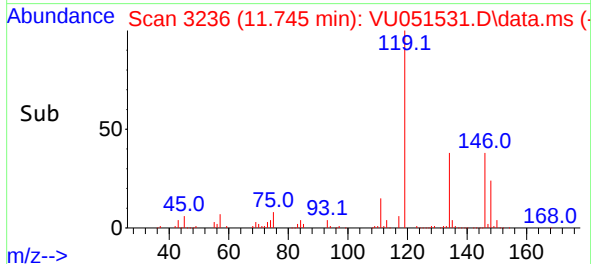
Instrument :
MSVOA_U
ClientSampleId :
BHA72



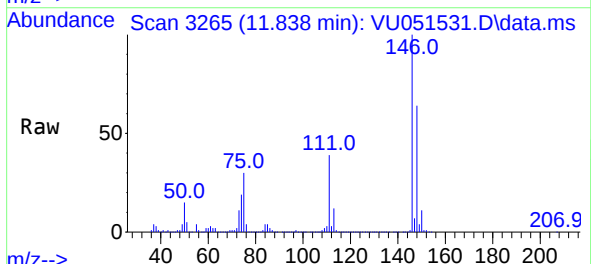
Tgt Ion:146 Resp: 14634
Ion Ratio Lower Upper
146 100
111 41.5 28.3 52.7
148 64.5 43.8 81.4

Manual Integrations
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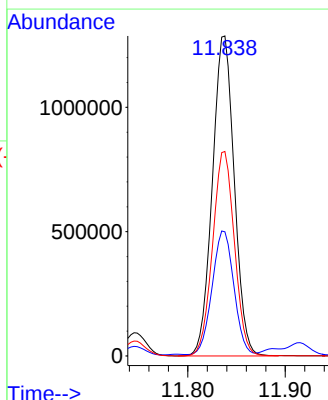
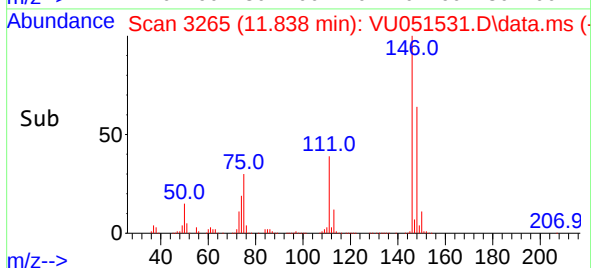
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

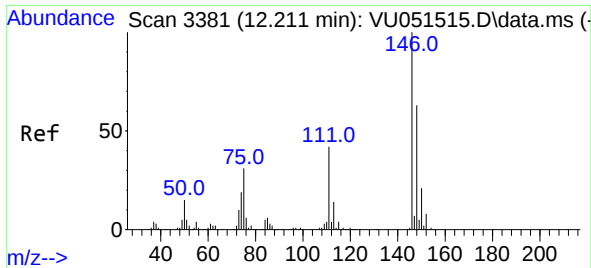


#65
1,4-Dichlorobenzene
Concen: 35.139 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48



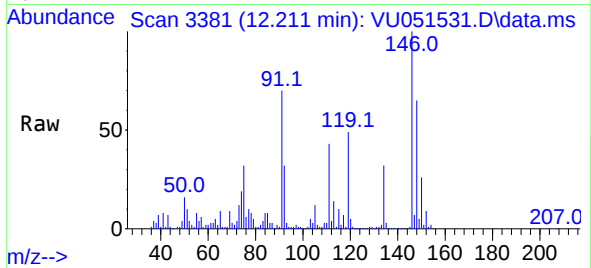
Tgt Ion:146 Resp: 2007270
Ion Ratio Lower Upper
146 100
111 38.8 29.1 54.1
148 63.9 44.2 82.0





#67
1,2-Dichlorobenzene
Concen: 5.997 ug/L
RT: 12.211 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051531.D
Acq: 27 Oct 2022 03:48

Instrument :
MSVOA_U
ClientSampleId :
BHA72



Tgt Ion:146 Resp: 337872
Ion Ratio Lower Upper
146 100
111 43.1 35.5 53.3
148 64.8 50.9 76.3

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

