

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060959.D
 Acq On : 20 Sep 2024 22:07
 Operator : MD/SY
 Sample : P4092-12 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B53

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
 Supervised By :Semsettin Yesilyurt 09/24/2024

Quant Time: Sep 21 01:46:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	132832	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135527	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	34542	2.891	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	57.800%		
7) Chloroethane-d5	1.898	69	37127	4.365	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery =	87.200%		
11) 1,1-Dichloroethene-d2	2.554	65	14512	3.427	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	68.600%		
20) 2-Butanone-d5	4.621	46	103910	54.177	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	108.360%		
24) Chloroform-d	5.052	84	79595	4.358	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.200%		
26) 1,2-Dichloroethane-d4	5.692	65	40821	4.676	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.600%		
32) Benzene-d6	5.718	84	142798	3.931	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	78.600%		
36) 1,2-Dichloropropane-d6	6.682	67	52112	4.637	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	92.800%		
41) Toluene-d8	7.891	98	114824	3.467	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	69.400%#		
43) trans-1,3-Dichloroprop...	8.174	79	16112	3.983	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	79.600%		
46) 2-Hexanone-d5	8.634	63	90456	56.682	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	113.360%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45428	5.159	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	103.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	50289	4.470	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	39097	3.410	ug/L	99
12) 1,1-Dichloroethene	2.567	96	9006	1.078	ug/L #	41
16) Methylene chloride	3.036	84	48599	5.023	ug/L	97
19) 1,1-Dichloroethane	3.859	63	4248	0.244	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	125236	13.070	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	12191	0.833	ug/L	96
34) Trichloroethene	6.531	95	644767	66.002	ug/L	98
42) Toluene	7.965	91	13181	0.338	ug/L	100
47) Tetrachloroethene	8.544	164	67251	8.663	ug/L	96
52) Ethylbenzene	9.563	91	59235	1.444	ug/L	97
53) m,p-Xylene	9.685	106	93565	6.016	ug/L	95
54) o-Xylene	10.094	106	60315	3.930	ug/L	95
60) Isopropylbenzene	10.479	105	4360m	0.110	ug/L	
62) 1,3,5-Trimethylbenzene	11.081	105	28638	0.929	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	82367	2.703	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	9530	0.505	ug/L	98

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

Instrument :

MSVOA_U

ClientSampleId :

C0B53

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/24/2024

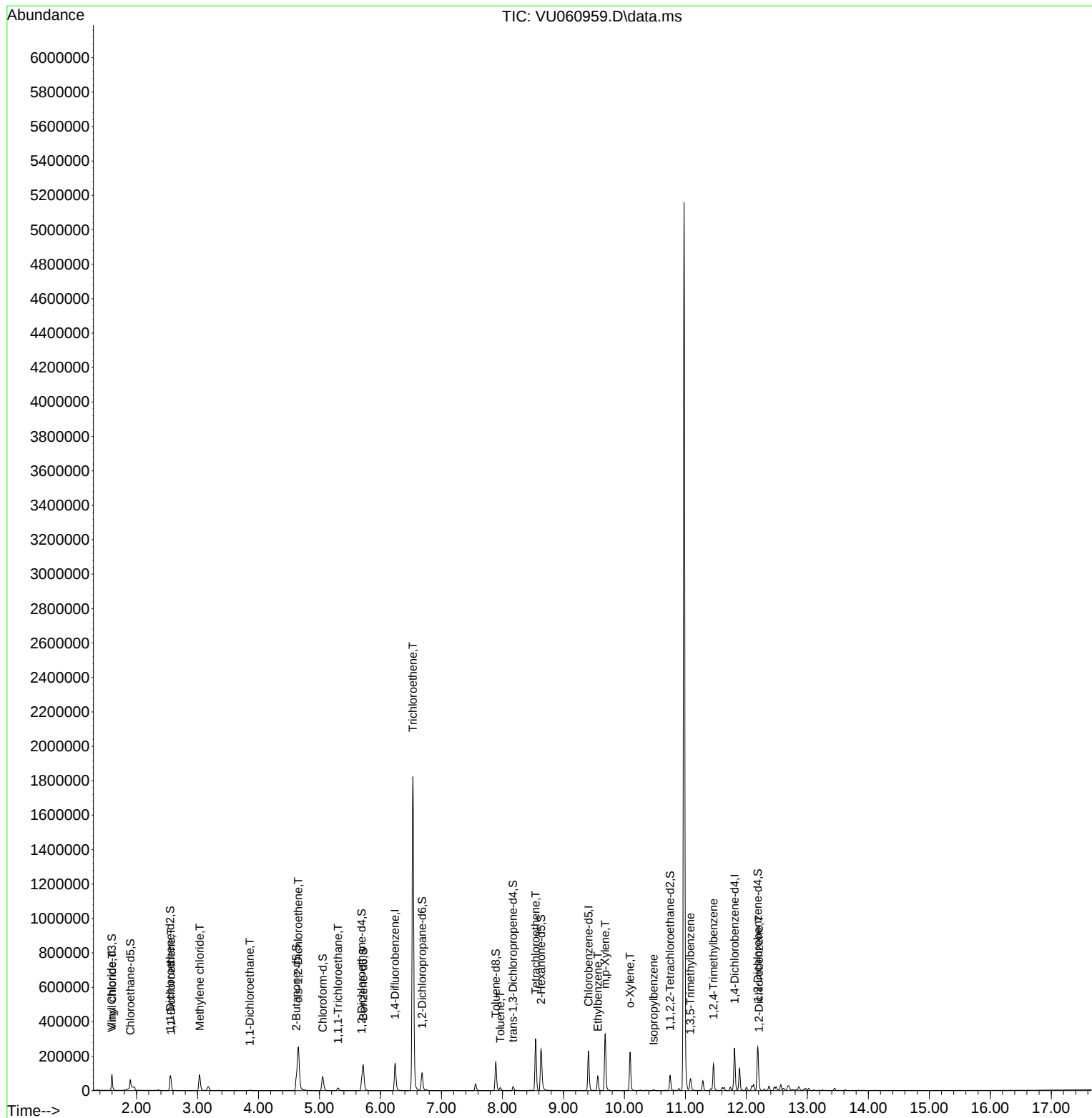
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
Data File : VU060959.D
Acq On : 20 Sep 2024 22:07
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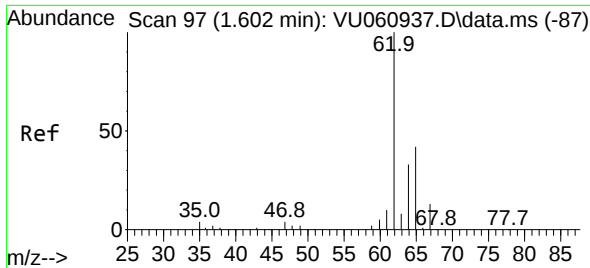
Instrument :
MSVOA_U
ClientSampleId :
C0B53

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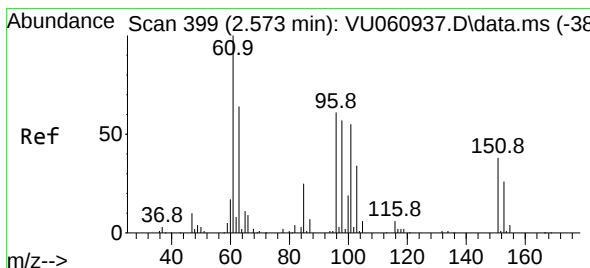
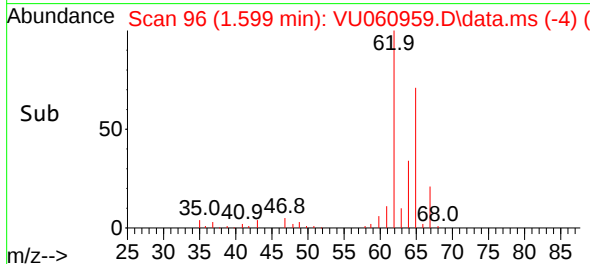
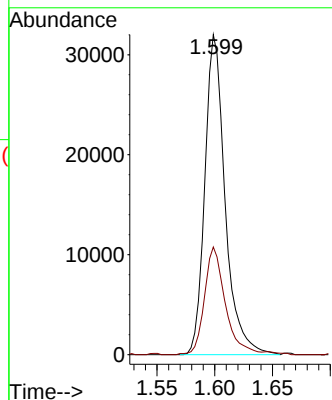
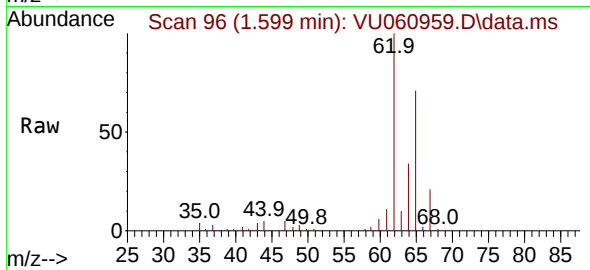
#5
 Vinyl chloride
 Concen: 3.410 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU060959.D
 Acq: 20 Sep 2024 22:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B53

Tgt Ion: 62 Resp: 3909
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.0 44.6

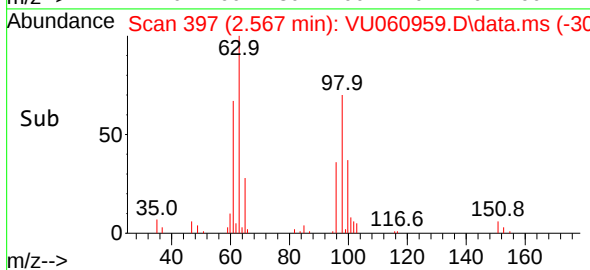
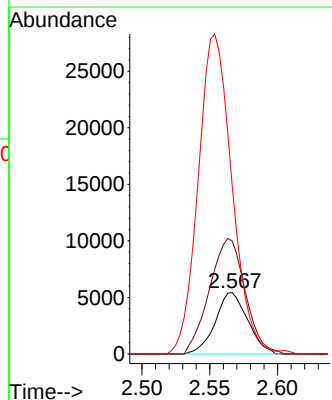
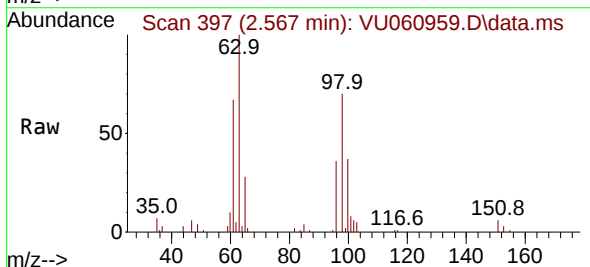
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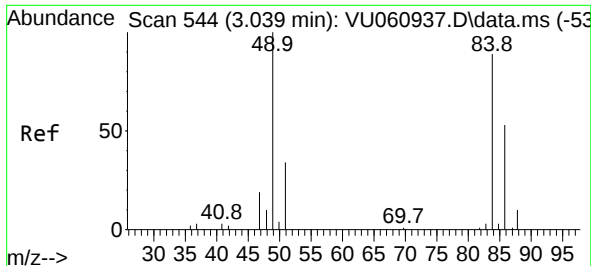
Reviewed By :Mahesh Dadoda 09/24/2024
 Supervised By :Semsettin Yesilyurt 09/24/2024



#12
 1,1-Dichloroethene
 Concen: 1.078 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU060959.D
 Acq: 20 Sep 2024 22:07

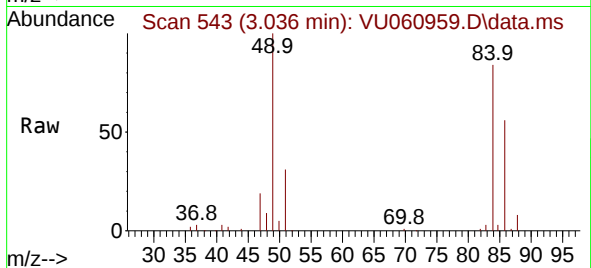
Tgt Ion: 96 Resp: 9006
 Ion Ratio Lower Upper
 96 100
 61 184.1 120.7 224.1
 63 274.9 90.0 167.2#





#16
Methylene chloride
Concen: 5.023 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

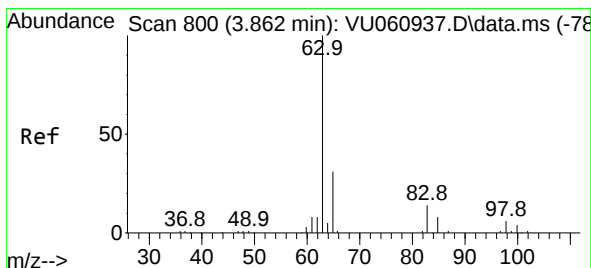
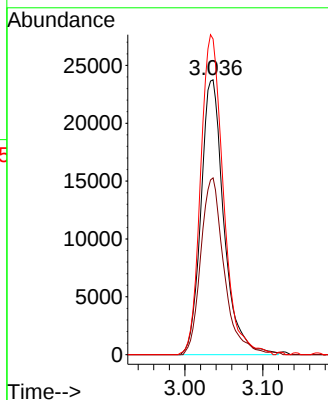
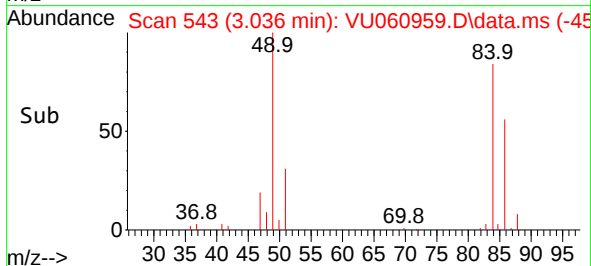
Instrument :
MSVOA_U
ClientSampleId :
C0B53



Tgt Ion: 84 Resp: 48599
Ion Ratio Lower Upper
84 100
86 64.3 47.3 87.8
49 114.9 78.7 146.1

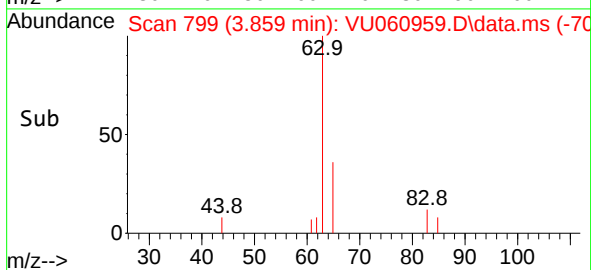
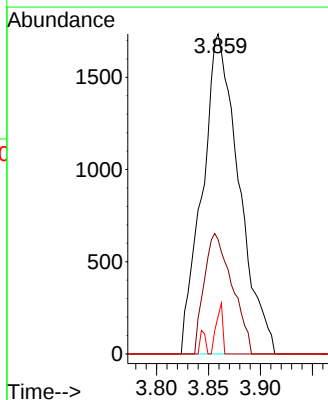
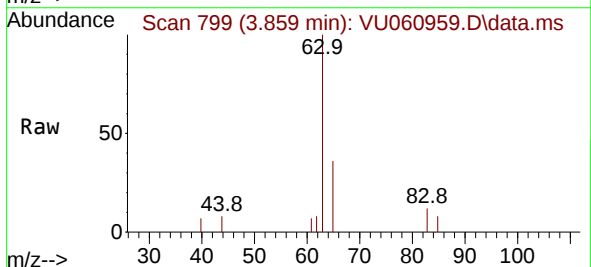
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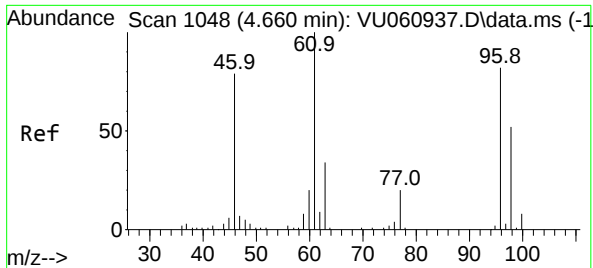
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#19
1,1-Dichloroethane
Concen: 0.244 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

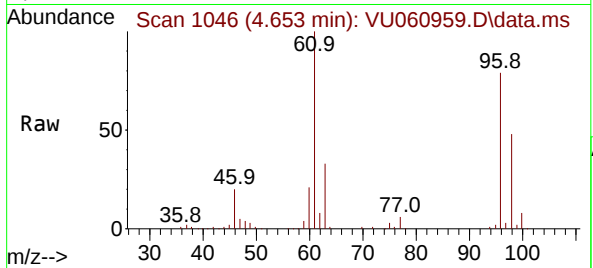
Tgt Ion: 63 Resp: 4248
Ion Ratio Lower Upper
63 100
65 35.8 23.0 42.8
83 11.6 9.0 16.6





#22
 cis-1,2-Dichloroethene
 Concen: 13.070 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.007 min
 Lab File: VU060959.D
 Acq: 20 Sep 2024 22:07

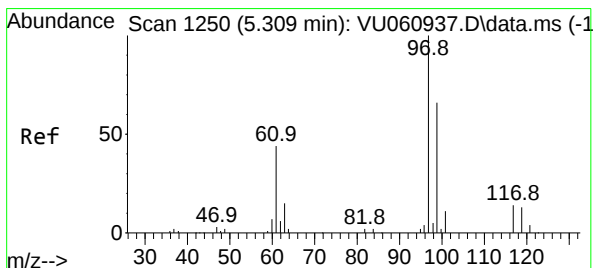
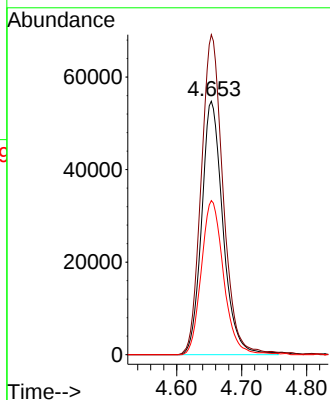
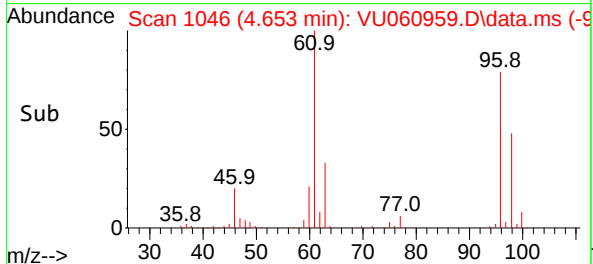
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B53



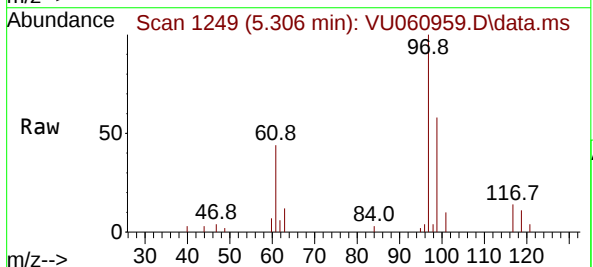
Tgt Ion: 96 Resp: 125230
 Ion Ratio Lower Upper
 96 100
 61 126.2 89.7 166.5
 98 60.8 45.1 83.9

Manual Integrations
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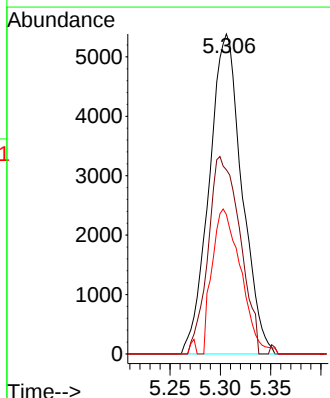
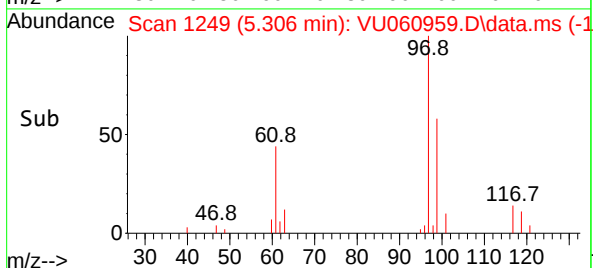
Reviewed By :Mahesh Dadoda 09/24/2024
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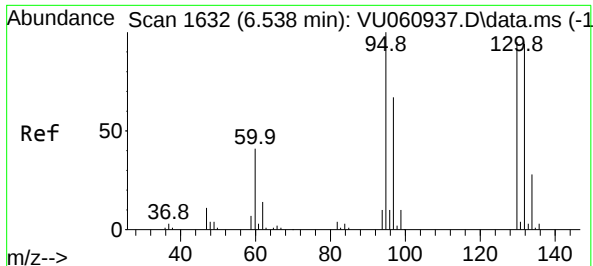


#29
 1,1,1-Trichloroethane
 Concen: 0.833 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.003 min
 Lab File: VU060959.D
 Acq: 20 Sep 2024 22:07



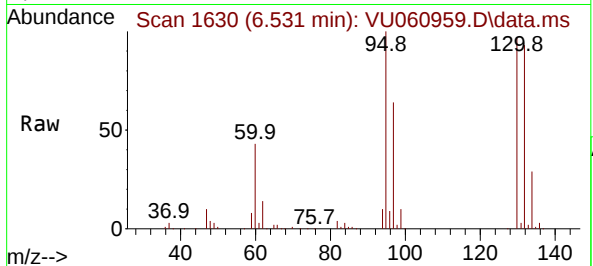
Tgt Ion: 97 Resp: 12191
 Ion Ratio Lower Upper
 97 100
 99 60.1 50.5 75.7
 61 39.8 34.4 51.6





#34
Trichloroethene
Concen: 66.002 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.007 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

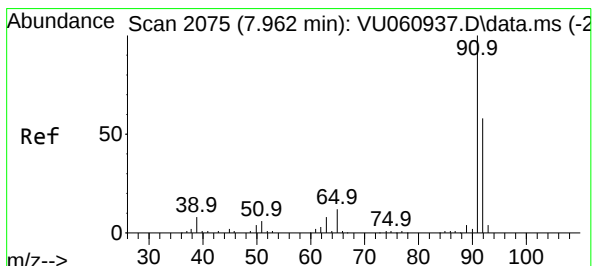
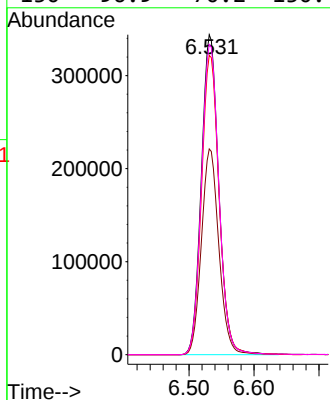
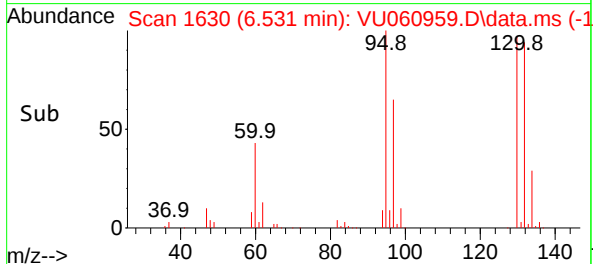
Instrument :
MSVOA_U
ClientSampleId :
C0B53



Tgt Ion: 95 Resp: 64476
Ion Ratio Lower Upper
95 100
97 64.3 44.9 83.5
132 93.5 63.5 117.9
130 96.9 70.2 130.4

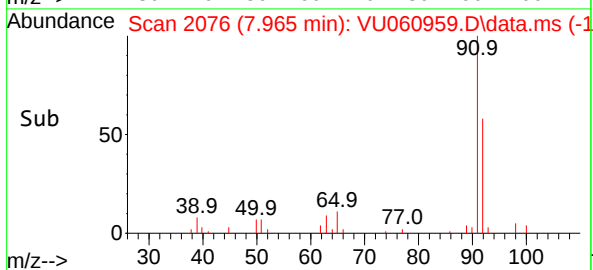
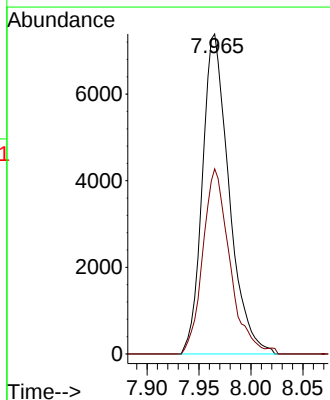
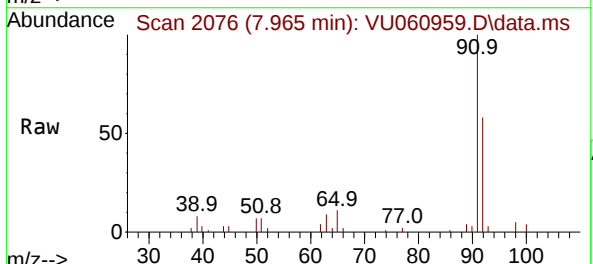
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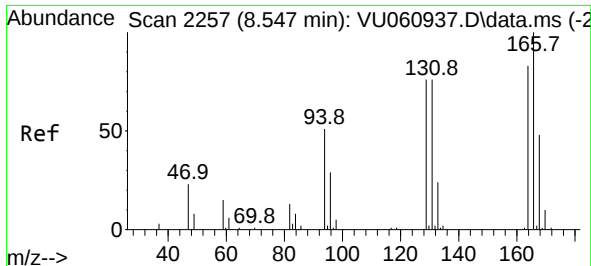
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#42
Toluene
Concen: 0.338 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

Tgt Ion: 91 Resp: 13181
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.3





#47

Tetrachloroethene

Concen: 8.663 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060959.D

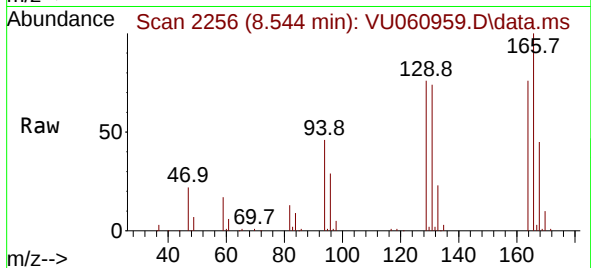
Acq: 20 Sep 2024 22:07

Instrument :

MSVOA_U

ClientSampleId :

C0B53



Tgt Ion:164 Resp: 6725

Ion Ratio Lower Upper

164 100

129 100.8 67.3 124.9

131 97.9 65.4 121.4

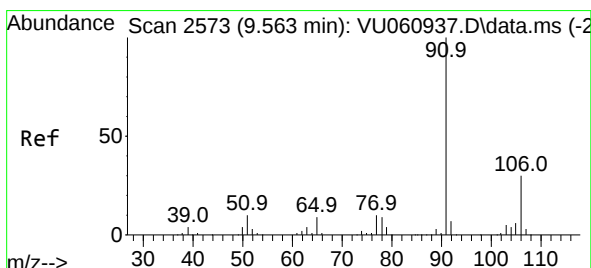
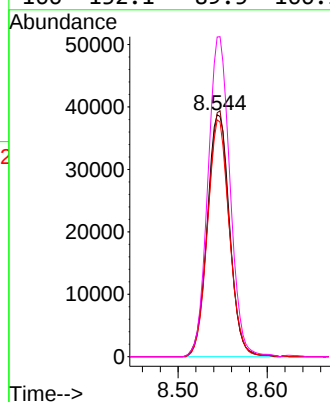
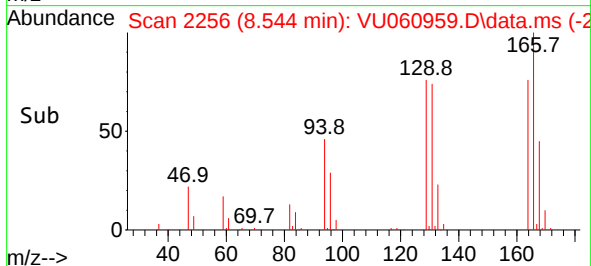
166 132.1 89.5 166.1

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#52

Ethylbenzene

Concen: 1.444 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060959.D

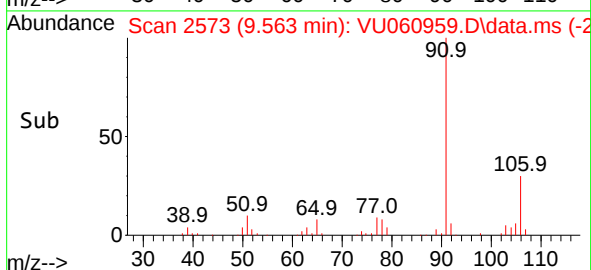
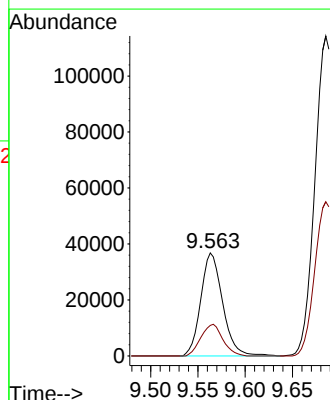
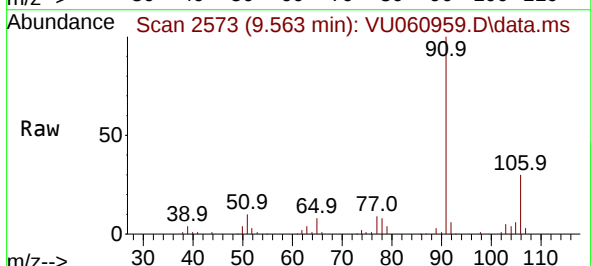
Acq: 20 Sep 2024 22:07

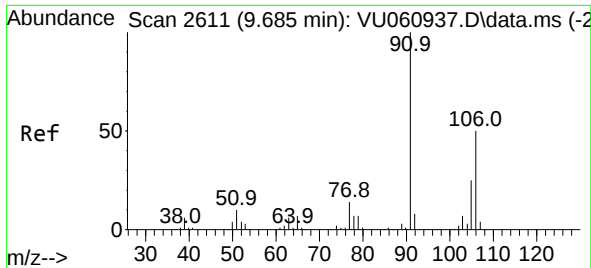
Tgt Ion: 91 Resp: 59235

Ion Ratio Lower Upper

91 100

106 29.7 21.8 40.6





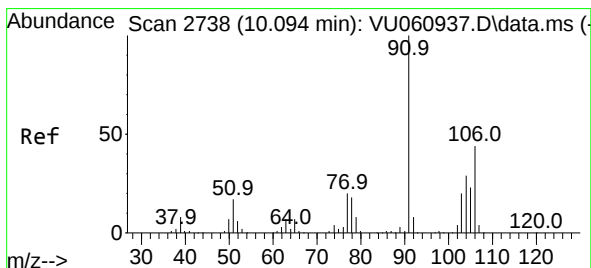
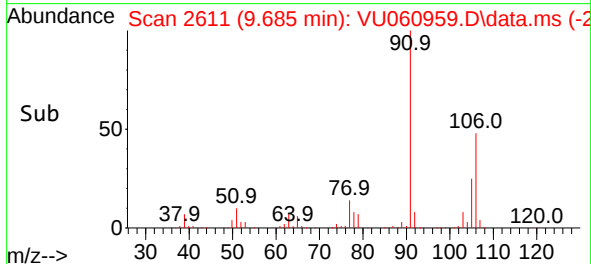
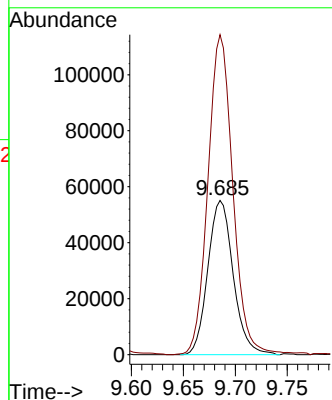
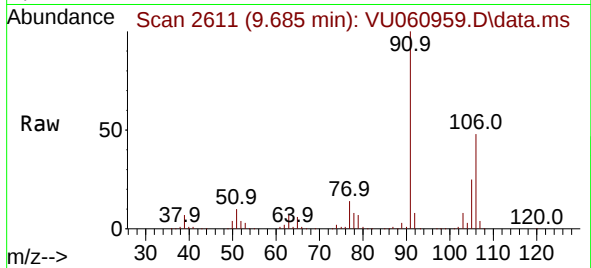
#53
m,p-Xylene
Concen: 6.016 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

Instrument :
MSVOA_U
ClientSampleId :
C0B53

Tgt Ion:106 Resp: 9356
Ion Ratio Lower Upper
106 100
91 207.4 139.7 259.4

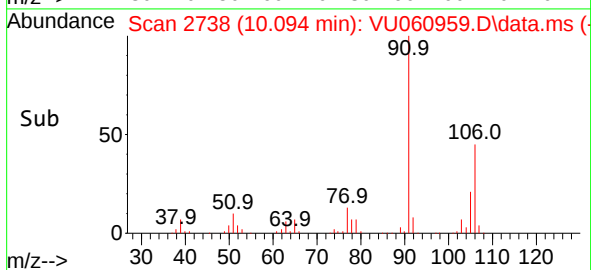
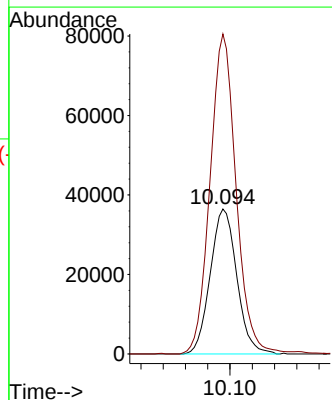
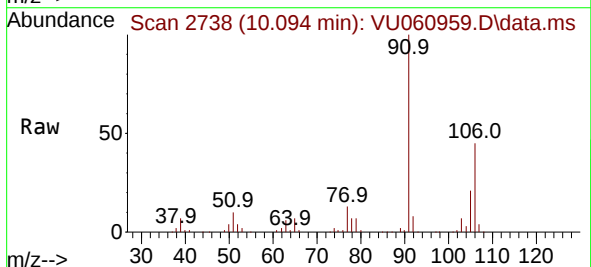
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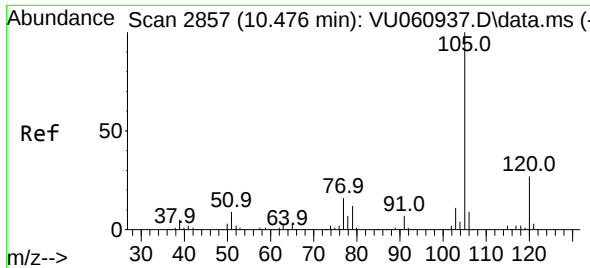
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#54
o-Xylene
Concen: 3.930 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

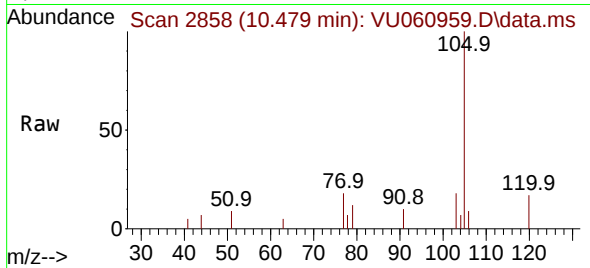
Tgt Ion:106 Resp: 60315
Ion Ratio Lower Upper
106 100
91 220.8 148.6 276.0





#60
Isopropylbenzene
Concen: 0.110 ug/L m
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

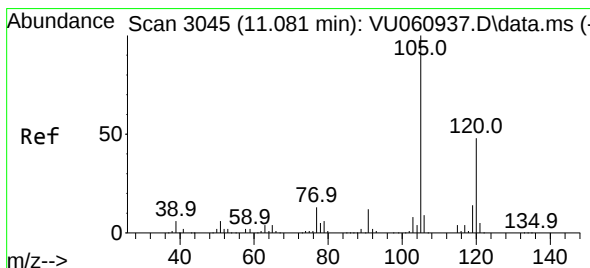
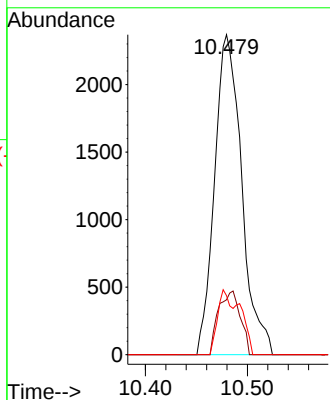
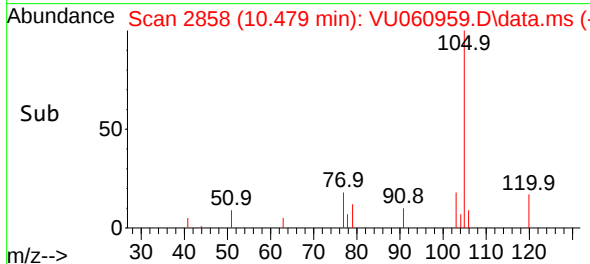
Instrument :
MSVOA_U
ClientSampleId :
C0B53



Tgt Ion:105 Resp: 4360
Ion Ratio Lower Upper
105 100
120 226.5 21.5 32.3
77 107.4 12.6 18.8

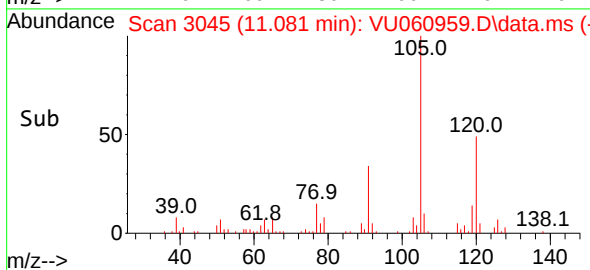
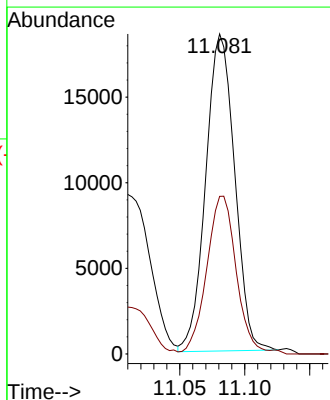
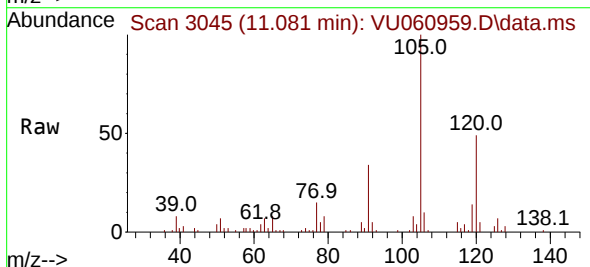
Manual Integrations
APPROVED

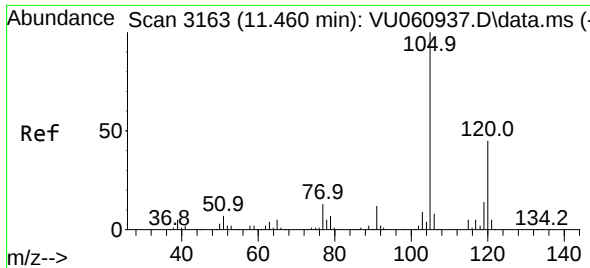
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.929 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

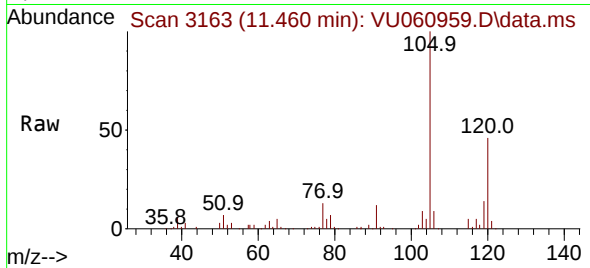
Tgt Ion:105 Resp: 28638
Ion Ratio Lower Upper
105 100
120 51.1 38.5 57.7





#63
1,2,4-Trimethylbenzene
Concen: 2.703 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

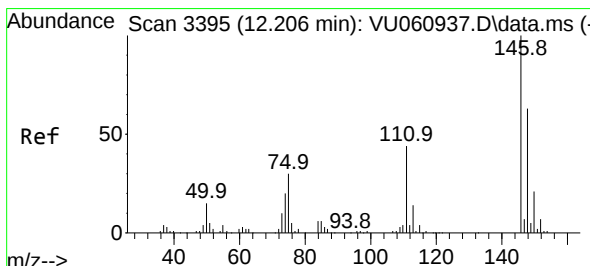
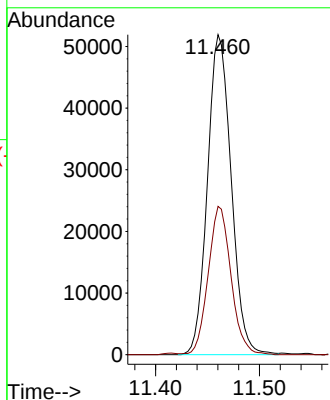
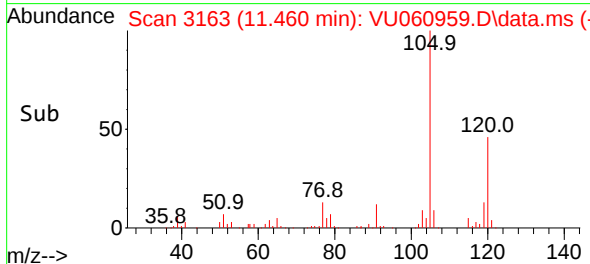
Instrument :
MSVOA_U
ClientSampleId :
C0B53



Tgt Ion:105 Resp: 8236
Ion Ratio Lower Upper
105 100
120 44.5 36.1 54.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#67
1,2-Dichlorobenzene
Concen: 0.505 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060959.D
Acq: 20 Sep 2024 22:07

Tgt Ion:146 Resp: 9530
Ion Ratio Lower Upper
146 100
111 40.2 33.4 50.0
148 62.1 50.9 76.3

