

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059821.D
 Acq On : 04 Jul 2024 00:53
 Operator : MD/SY
 Sample : P3136-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBN0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 04 02:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	220198	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	211799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	112894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98164	6.411	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	128.200%	
7) Chloroethane-d5	1.907	69	49057	3.330	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	66.600%	
11) 1,1-Dichloroethene-d2	2.560	65	23255	3.661	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	4.621	46	129590	41.088	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.180%	
24) Chloroform-d	5.055	84	105296	3.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	67.000%#	
26) 1,2-Dichloroethane-d4	5.695	65	50187	3.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.400%#	
32) Benzene-d6	5.721	84	226005	3.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
36) 1,2-Dichloropropane-d6	6.682	67	68962	3.861	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.200%	
41) Toluene-d8	7.891	98	229354	4.232	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	8.174	79	25305	4.524	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.627	63	117566	50.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.180%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56240	3.811	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	87175	4.339	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	5834405	263.012	ug/L	99
12) 1,1-Dichloroethene	2.576	96	4028	0.258	ug/L #	1
13) Acetone	2.631	43	127713	62.423	ug/L	84
18) trans-1,2-Dichloroethene	3.348	96	25643	1.579	ug/L	96
21) 2-Butanone	4.701	43	162143	49.410	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	1120945	62.615	ug/L	95
30) Cyclohexane	5.383	56	4153832	192.366	ug/L	95
33) Benzene	5.772	78	12216	0.190	ug/L	100
34) Trichloroethene	6.537	95	49608	2.848	ug/L	95
35) Methylcyclohexane	6.756	83	1271268	51.292	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	29329	3.803	ug/L #	88
42) Toluene	7.962	91	4724534	69.382	ug/L	100
47) Tetrachloroethene	8.547	164	24207	1.791	ug/L	93
52) Ethylbenzene	9.560	91	17074167m	244.432	ug/L	
53) m,p-Xylene	9.688	106	391395	14.589	ug/L	98
54) o-Xylene	10.093	106	905370	35.560	ug/L	97
60) Isopropylbenzene	10.476	105	832954	11.944	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	790754	14.313	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	633216	11.988	ug/L	98

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

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

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

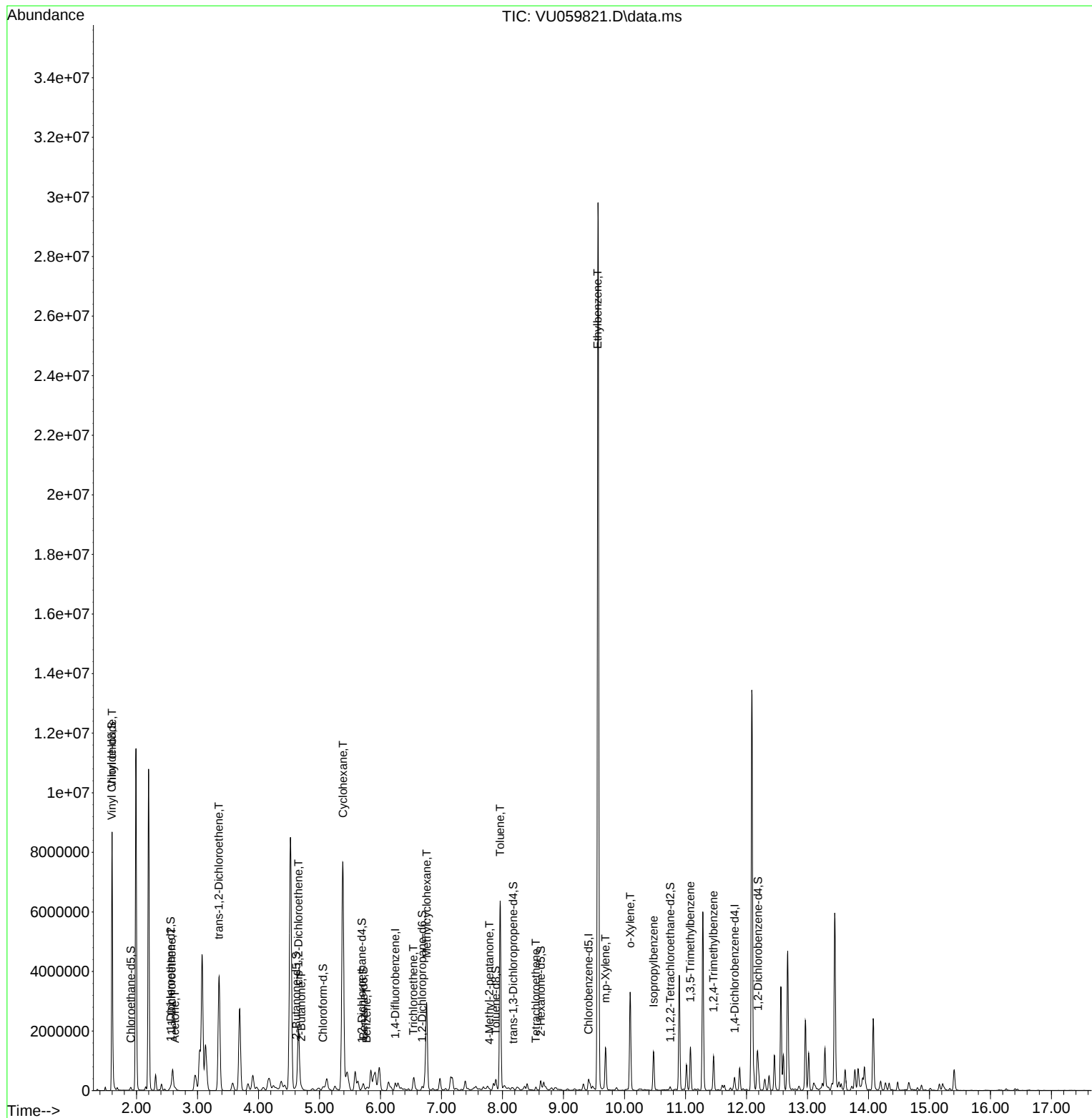
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Data File : VU059821.D
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Operator : MD/SY
Sample : P3136-17
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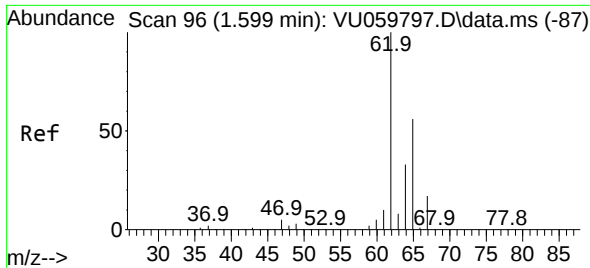
Instrument :
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ClientSampleId :
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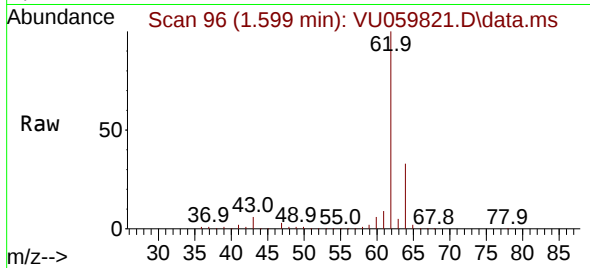
Quant Time: Jul 04 02:15:16 2024
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#5
 Vinyl chloride
 Concen: 263.012 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU059821.D
 Acq: 04 Jul 2024 00:53

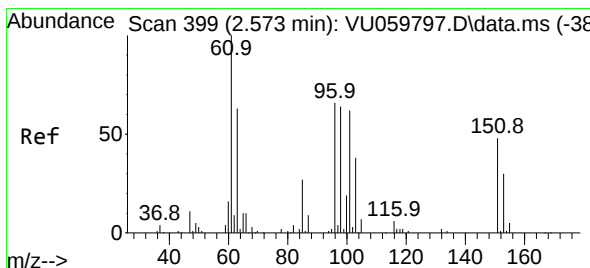
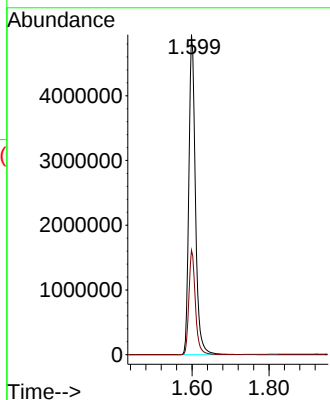
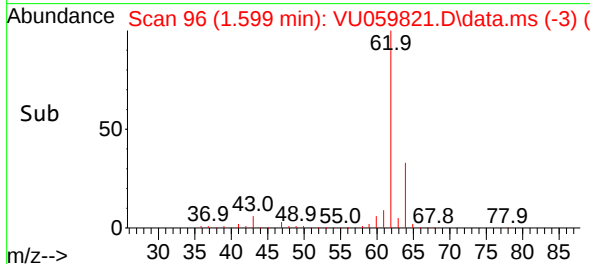
Instrument :
 MSVOA_U
 ClientSampleId :
 COBN0



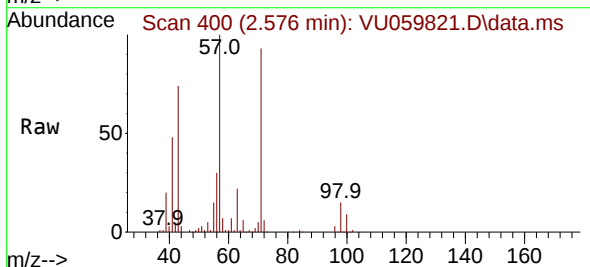
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 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9

Manual Integrations
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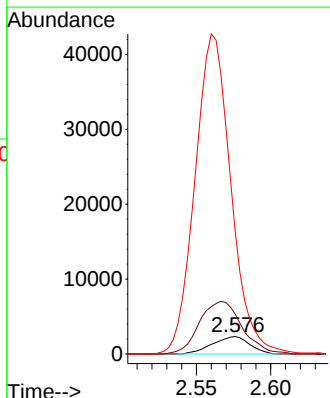
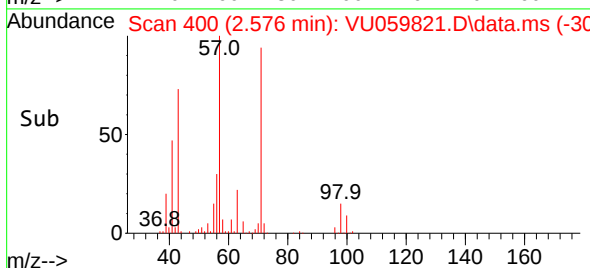
Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

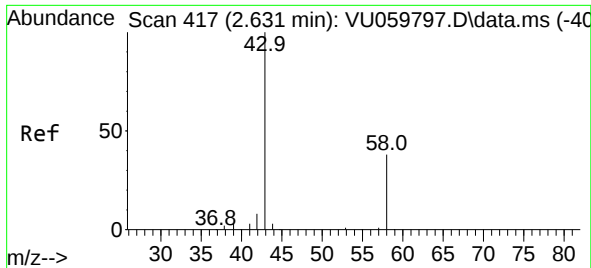


#12
 1,1-Dichloroethene
 Concen: 0.258 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU059821.D
 Acq: 04 Jul 2024 00:53



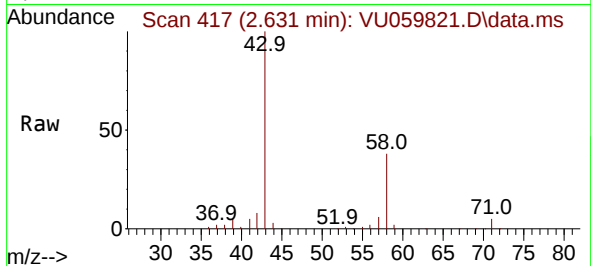
Tgt Ion: 96 Resp: 4028
 Ion Ratio Lower Upper
 96 100
 61 228.4 122.9 228.3#
 63 703.3 80.4 149.4#





#13
Acetone
Concen: 62.423 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.000 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

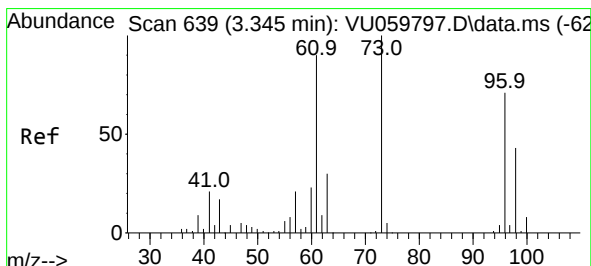
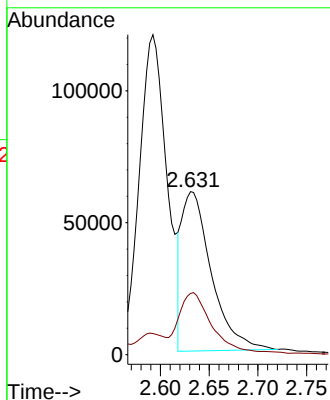
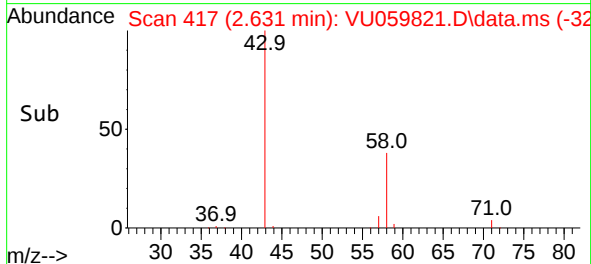
Instrument :
MSVOA_U
ClientSampleId :
COBN0



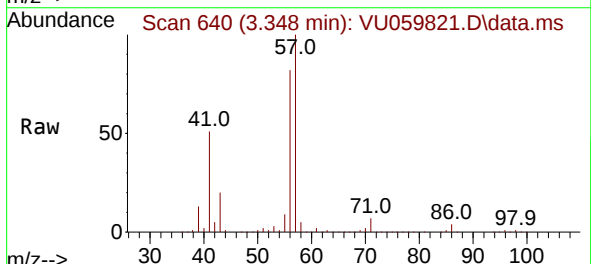
Tgt Ion: 43 Resp: 12771
Ion Ratio Lower Upper
43 100
58 43.0 0.0 68.0

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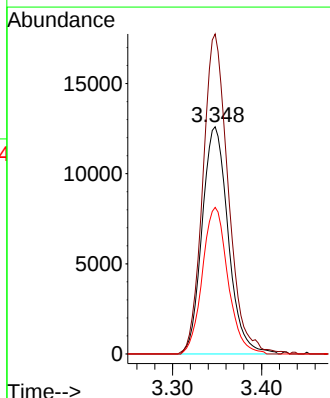
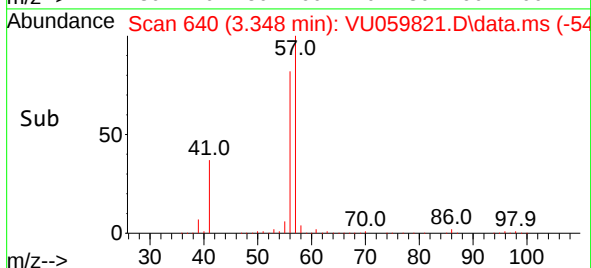
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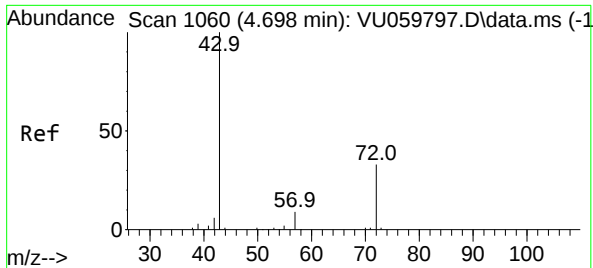


#18
trans-1,2-Dichloroethene
Concen: 1.579 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53



Tgt Ion: 96 Resp: 25643
Ion Ratio Lower Upper
96 100
61 140.8 101.8 189.0
98 64.5 43.3 80.5





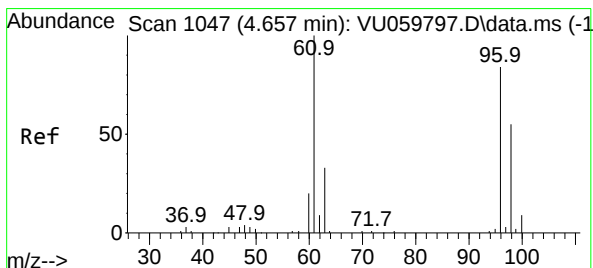
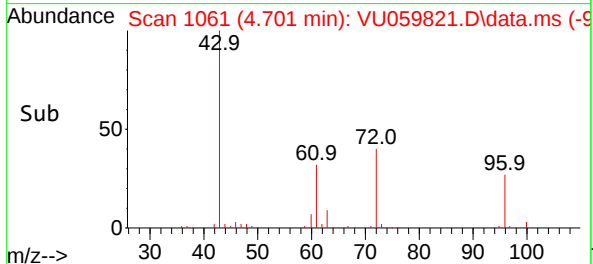
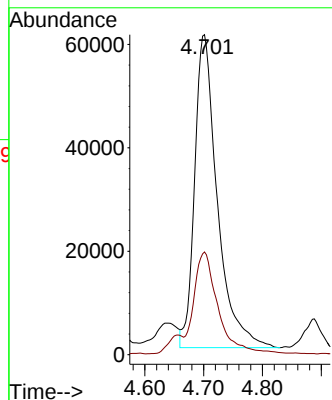
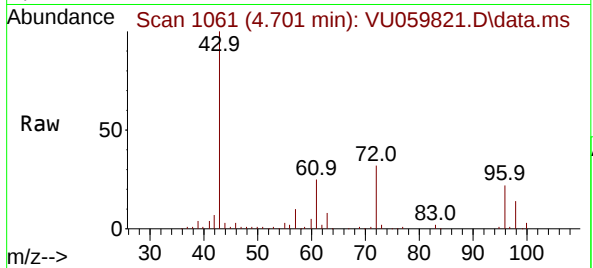
#21
2-Butanone
Concen: 49.410 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

Instrument :
MSVOA_U
ClientSampleId :
COBN0

Tgt Ion: 43 Resp: 16214
Ion Ratio Lower Upper
43 100
72 34.0 13.8 41.4

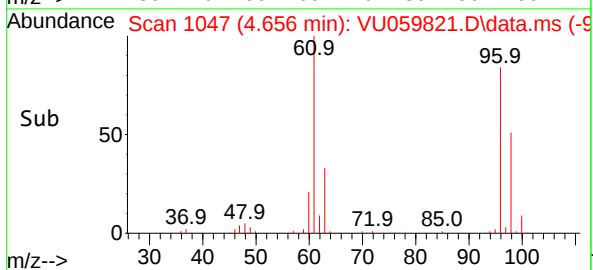
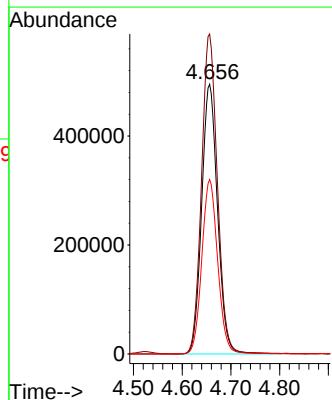
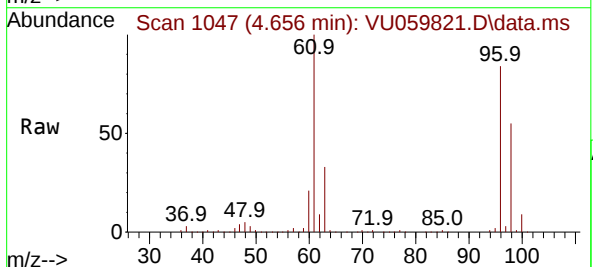
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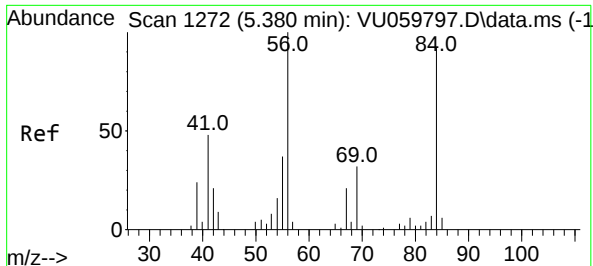
Reviewed By :Mahesh Dadoda 07/05/2024
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#22
cis-1,2-Dichloroethene
Concen: 62.615 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

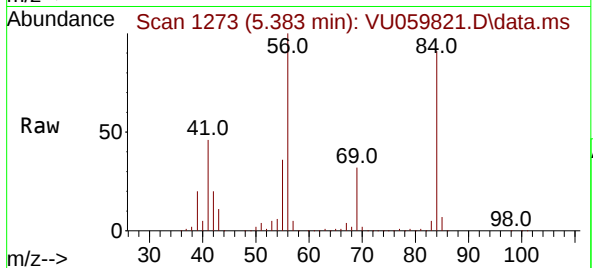
Tgt Ion: 96 Resp: 1120945
Ion Ratio Lower Upper
96 100
61 118.6 87.4 162.2
98 64.7 42.3 78.5





#30
Cyclohexane
Concen: 192.366 ug/L
RT: 5.383 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

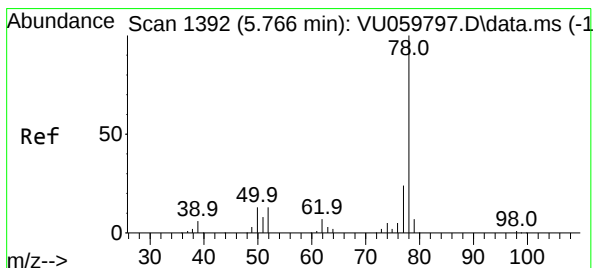
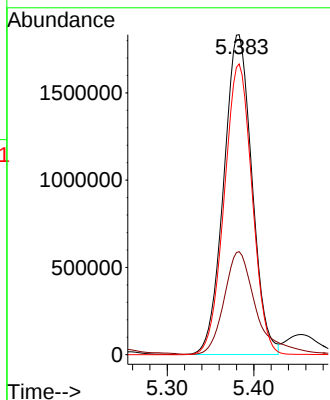
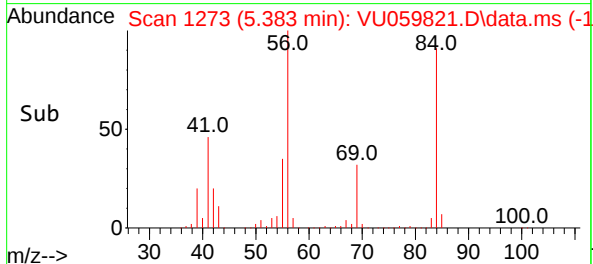
Instrument :
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Tgt Ion: 56 Resp: 415383
Ion Ratio Lower Upper
56 100
69 36.8 24.8 37.2
84 89.8 69.8 104.8

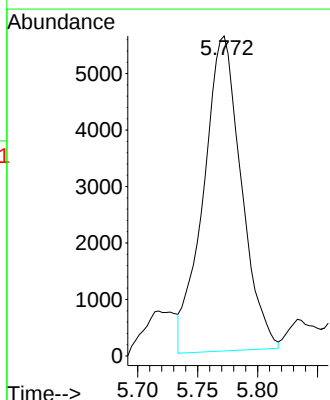
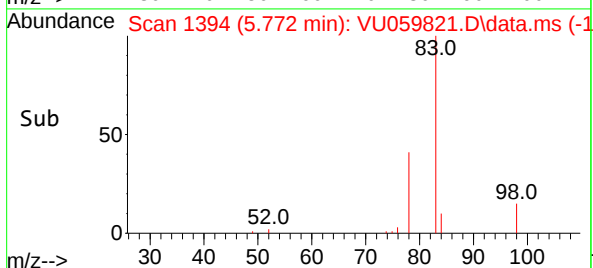
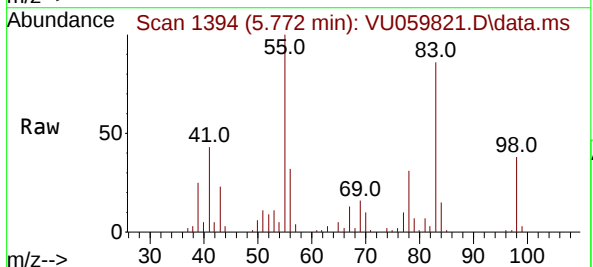
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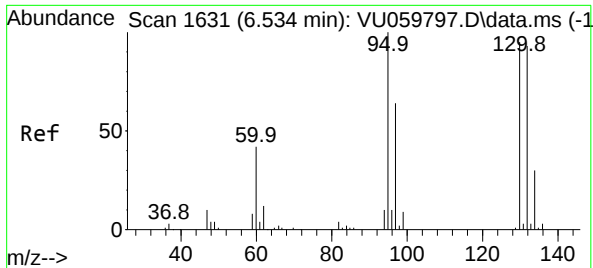
Reviewed By :Mahesh Dadoda 07/05/2024
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#33
Benzene
Concen: 0.190 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

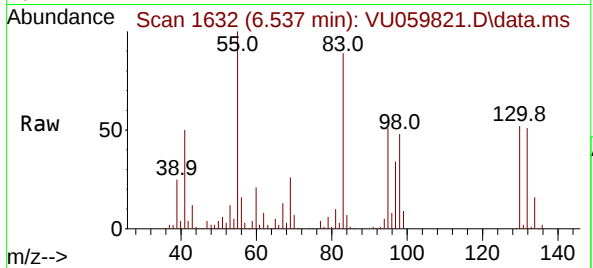
Tgt Ion: 78 Resp: 12216





#34
Trichloroethene
Concen: 2.848 ug/L
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU059821.D
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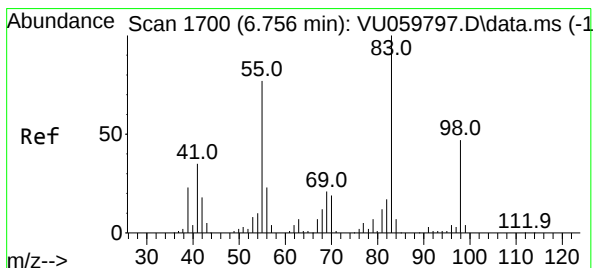
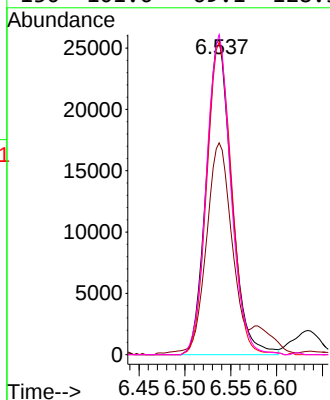
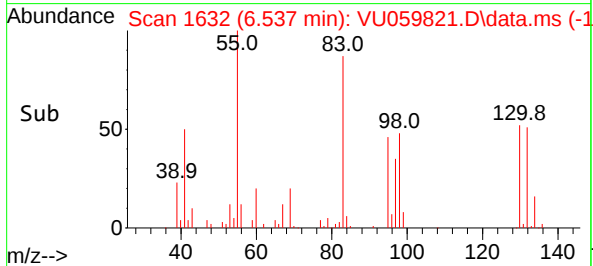
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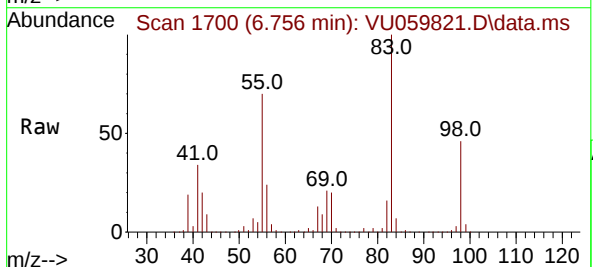
Tgt Ion: 95 Resp: 49608
Ion Ratio Lower Upper
95 100
97 67.3 45.3 84.1
132 99.1 64.0 119.0
130 101.6 69.1 128.3

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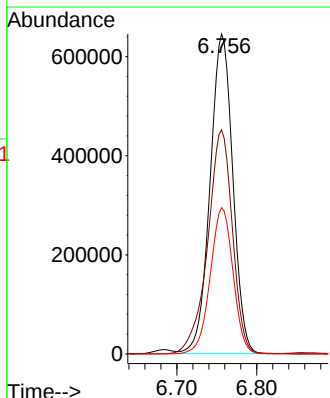
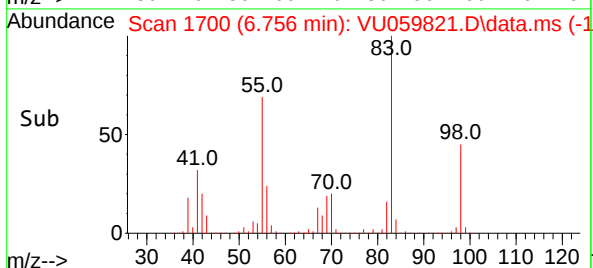
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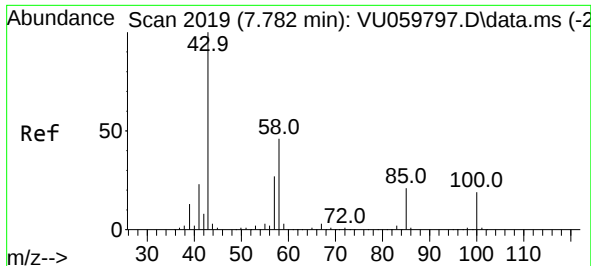


#35
Methylcyclohexane
Concen: 51.292 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53



Tgt Ion: 83 Resp: 1271268
Ion Ratio Lower Upper
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55 76.2 62.7 94.1
98 45.9 35.4 53.0





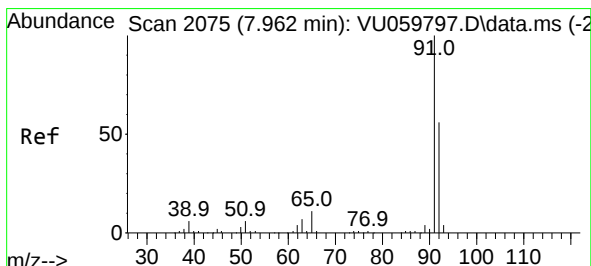
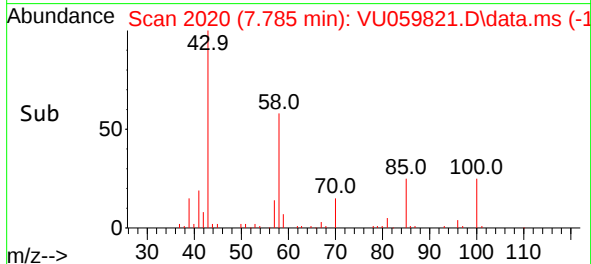
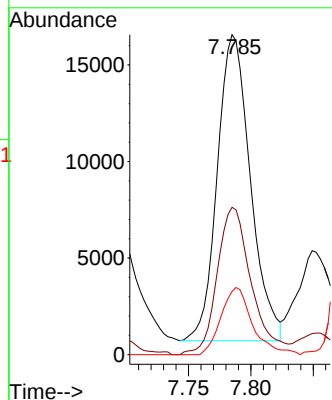
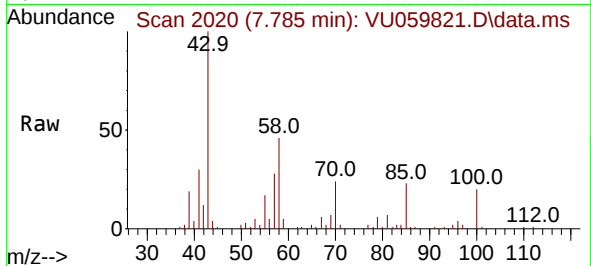
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4-Methyl-2-pentanone
Concen: 3.803 ug/L
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

Instrument :
MSVOA_U
ClientSampleId :
COBN0

Tgt Ion: 43 Resp: 29329
Ion Ratio Lower Upper
43 100
58 49.4 34.0 51.0
100 20.8 12.1 18.1

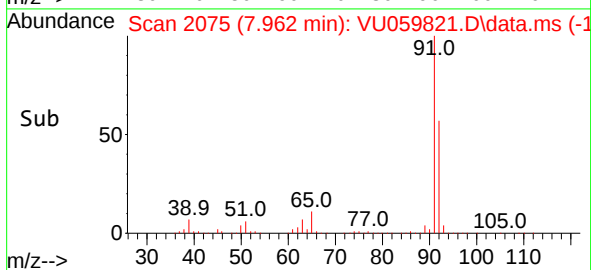
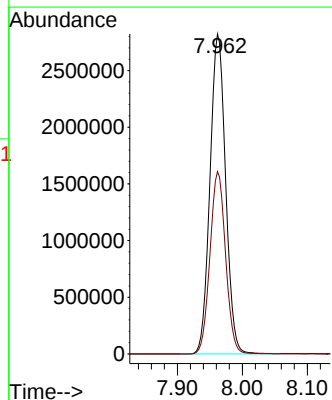
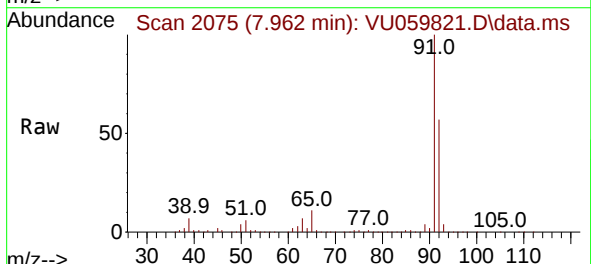
Manual Integrations
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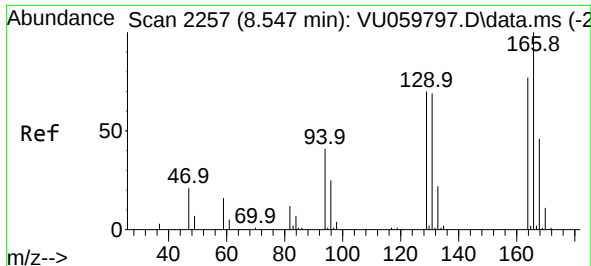
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#42
Toluene
Concen: 69.382 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

Tgt Ion: 91 Resp: 4724534
Ion Ratio Lower Upper
91 100
92 57.0 39.7 73.7





#47

Tetrachloroethene

Concen: 1.791 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU059821.D

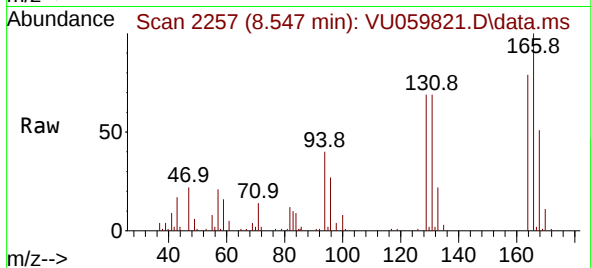
Acq: 04 Jul 2024 00:53

Instrument :

MSVOA_U

ClientSampleId :

COBN0



Tgt Ion:164 Resp: 2420

Ion Ratio Lower Upper

164 100

129 87.7 70.8 131.4

131 87.5 64.8 120.3

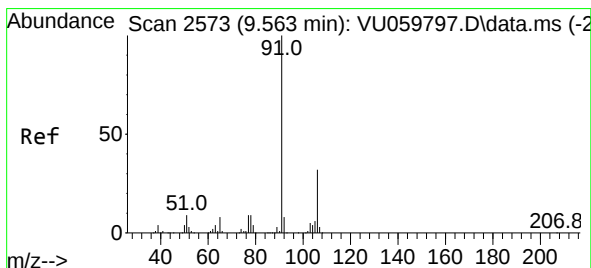
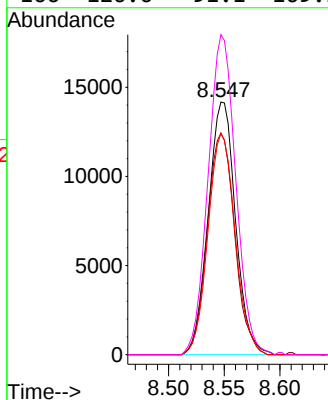
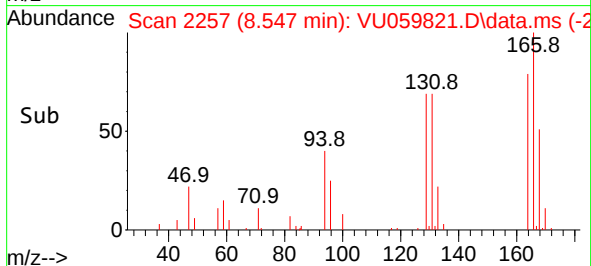
166 126.6 91.1 169.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/05/2024

Supervised By :Semsettin Yesilyurt 07/05/2024



#52

Ethylbenzene

Concen: 244.432 ug/L m

RT: 9.560 min Scan# 2572

Delta R.T. -0.003 min

Lab File: VU059821.D

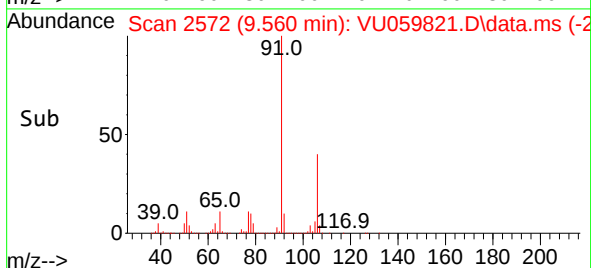
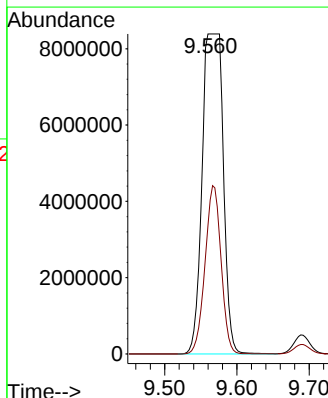
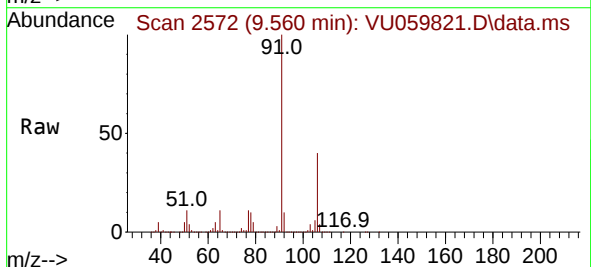
Acq: 04 Jul 2024 00:53

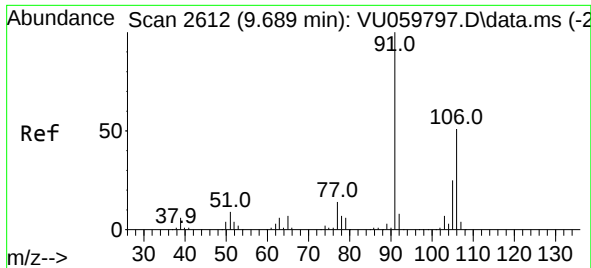
Tgt Ion: 91 Resp:17074167

Ion Ratio Lower Upper

91 100

106 40.1 20.9 38.7#





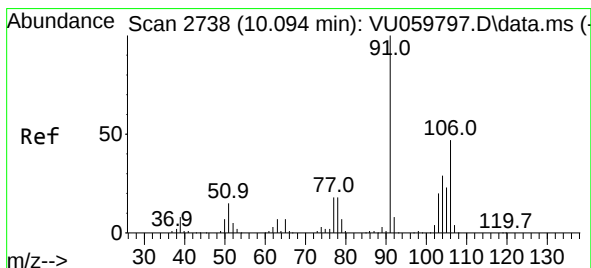
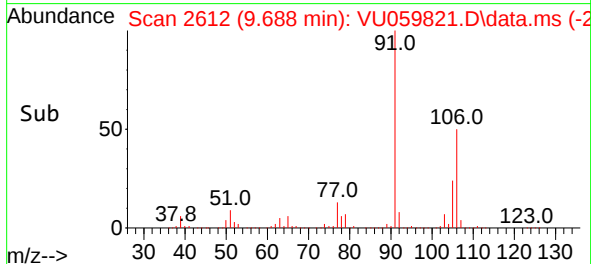
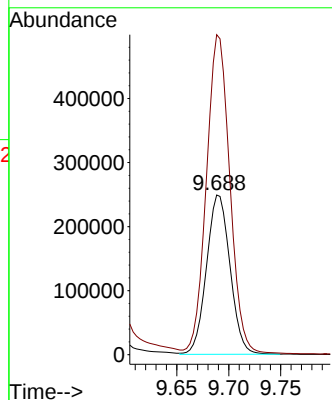
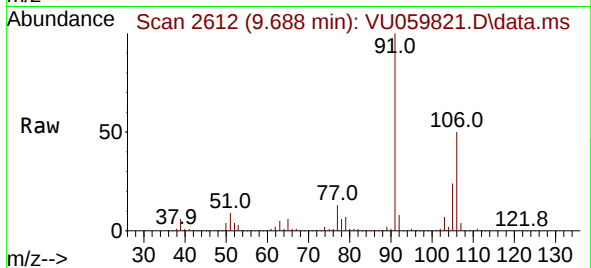
#53
m,p-Xylene
Concen: 14.589 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

Instrument :
MSVOA_U
ClientSampleId :
COBN0

Tgt Ion:106 Resp: 391395
Ion Ratio Lower Upper
106 100
91 200.3 142.0 263.8

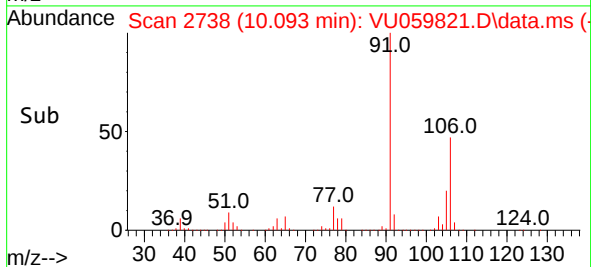
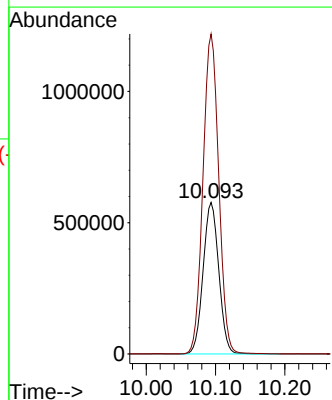
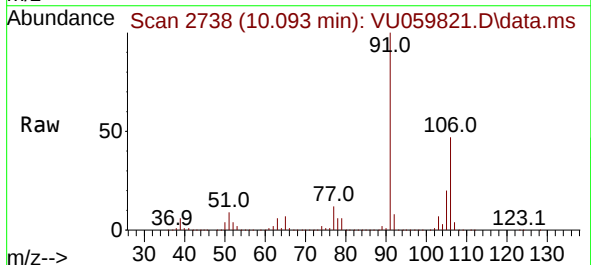
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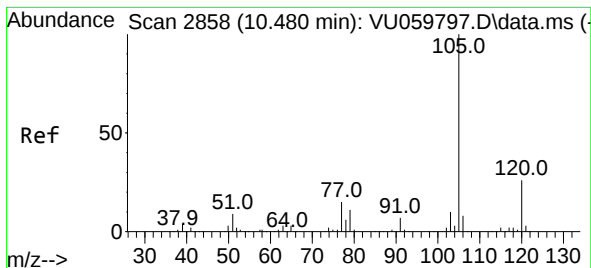
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#54
o-Xylene
Concen: 35.560 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU059821.D
Acq: 04 Jul 2024 00:53

Tgt Ion:106 Resp: 905370
Ion Ratio Lower Upper
106 100
91 211.2 151.6 281.6





#60

Isopropylbenzene

Concen: 11.944 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU059821.D

Acq: 04 Jul 2024 00:53

Instrument :

MSVOA_U

ClientSampleId :

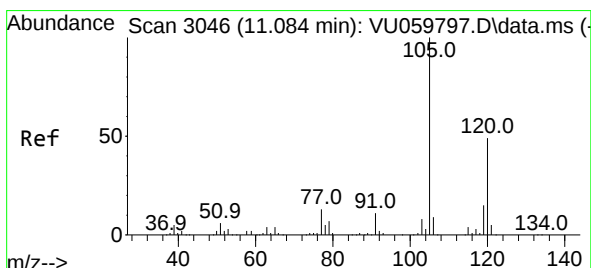
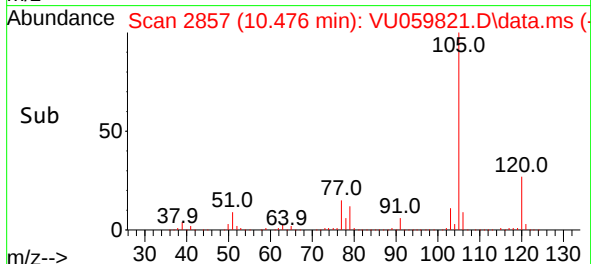
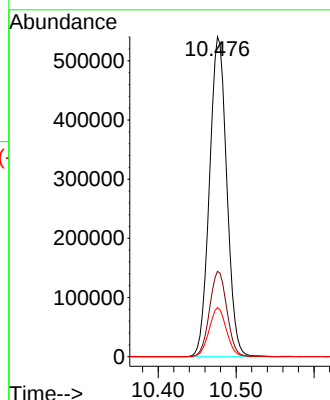
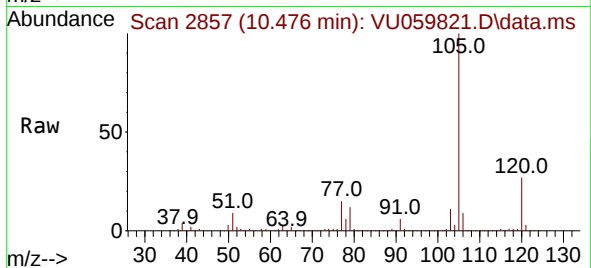
COBN0

Tgt Ion:105 Resp: 832954
 Ion Ratio Lower Upper
 105 100
 120 26.8 20.6 31.0
 77 15.3 12.8 19.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024



#62

1,3,5-Trimethylbenzene

Concen: 14.313 ug/L

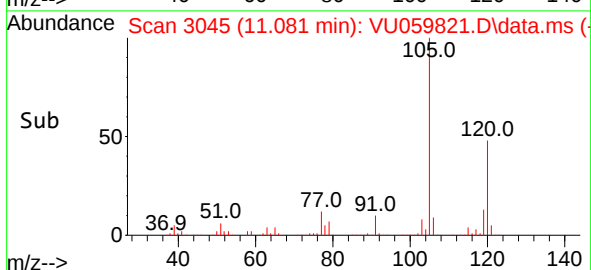
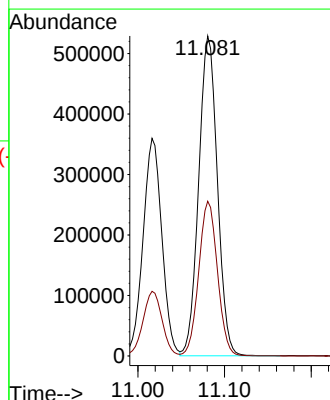
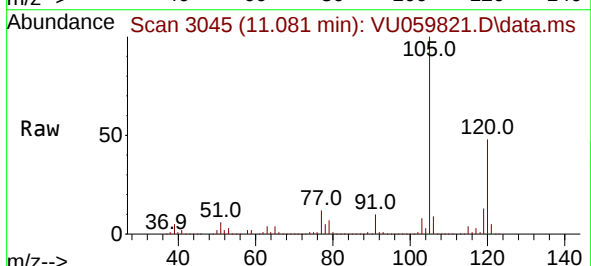
RT: 11.081 min Scan# 3045

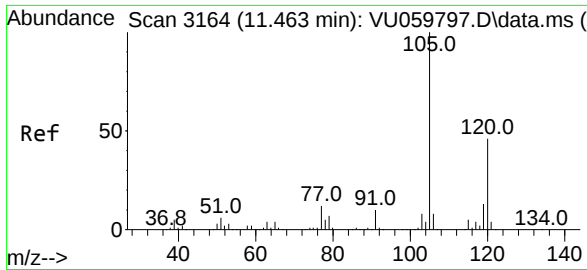
Delta R.T. -0.003 min

Lab File: VU059821.D

Acq: 04 Jul 2024 00:53

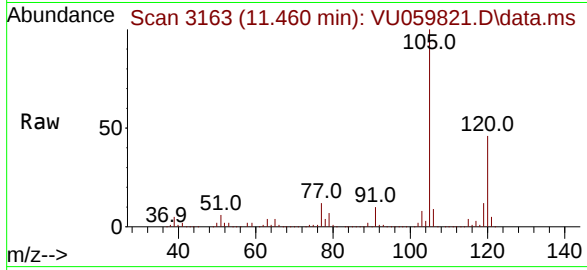
Tgt Ion:105 Resp: 790754
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.2 57.4





#63
 1,2,4-Trimethylbenzene
 Concen: 11.988 ug/L
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.003 min
 Lab File: VU059821.D
 Acq: 04 Jul 2024 00:53

Instrument : MSVOA_U
 ClientSampleId : COBN0



Tgt Ion:105 Resp: 633210
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.4 53.0

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

