

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059702.D
 Acq On : 01 Jul 2024 22:29
 Operator : MD/SY
 Sample : P3121-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBH0

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 03:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	213839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	48283	3.242	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	64.800%		
7) Chloroethane-d5	1.907	69	50561	3.528	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	70.600%		
11) 1,1-Dichloroethene-d2	2.557	65	21457	3.473	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	69.400%		
20) 2-Butanone-d5	4.634	46	157411	51.314	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	102.620%		
24) Chloroform-d	5.055	84	119993	3.925	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	78.600%		
26) 1,2-Dichloroethane-d4	5.695	65	60696	4.122	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.400%		
32) Benzene-d6	5.717	84	242972	4.129	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.600%		
36) 1,2-Dichloropropane-d6	6.682	67	78717	4.365	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	87.400%		
41) Toluene-d8	7.891	98	220371	4.028	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.600%		
43) trans-1,3-Dichloroprop...	8.174	79	24857	4.402	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.000%		
46) 2-Hexanone-d5	8.627	63	147996	63.076	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	126.160%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73568	4.937	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	97783	4.654	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	93.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	238063	11.034	ug/L	99
12) 1,1-Dichloroethene	2.573	96	3527	0.232	ug/L #	1
13) Acetone	2.653	43	12547	6.305	ug/L	60
14) Carbon disulfide	2.785	76	14654m	0.289	ug/L	
15) Methyl Acetate	2.956	43	49252	9.379	ug/L	93
18) trans-1,2-Dichloroethene	3.351	96	5267	0.333	ug/L	82
21) 2-Butanone	4.721	43	19122	5.991	ug/L #	60
22) cis-1,2-Dichloroethene	4.653	96	4324131	248.339	ug/L	94
30) Cyclohexane	5.373	56	1956	0.090	ug/L #	78
33) Benzene	5.769	78	10922	0.168	ug/L	100
34) Trichloroethene	6.534	95	89067	5.065	ug/L	96
42) Toluene	7.965	91	20593	0.300	ug/L	99
47) Tetrachloroethene	8.547	164	24348	1.784	ug/L	91
48) 2-Hexanone	8.685	43	22501	4.049	ug/L #	97
52) Ethylbenzene	9.566	91	52248	0.741	ug/L	95
53) m,p-Xylene	9.688	106	78318	2.891	ug/L	99
54) o-Xylene	10.097	106	19621	0.763	ug/L	90
62) 1,3,5-Trimethylbenzene	11.084	105	18533	0.321	ug/L	93
63) 1,2,4-Trimethylbenzene	11.463	105	89897	1.627	ug/L	97

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C0BH0

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

Quant Time: Jul 02 03:55:14 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

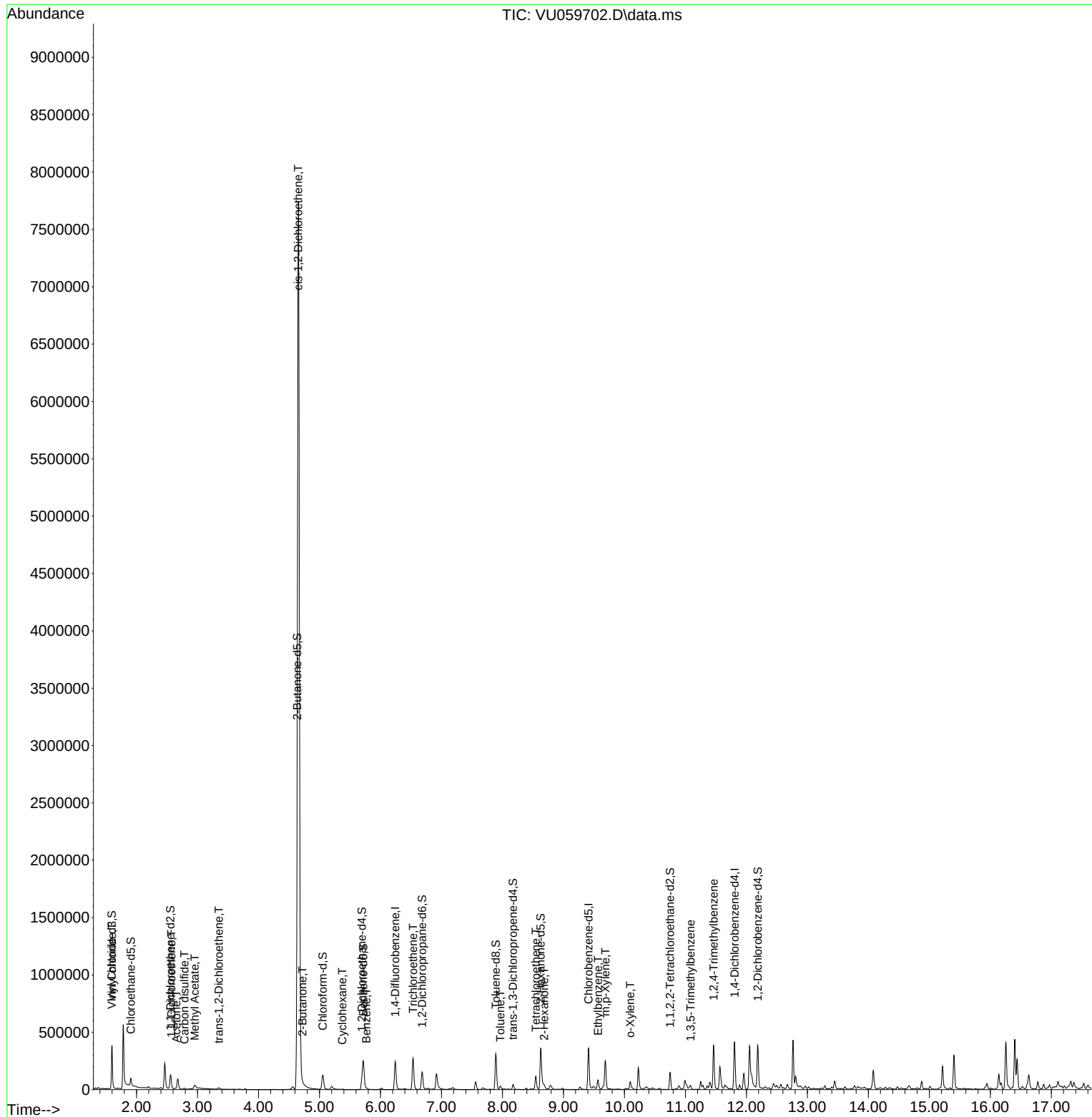
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059702.D
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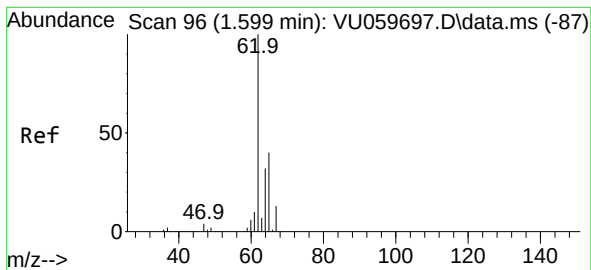
Instrument :
MSVOA_U
ClientSampleId :
C0BH0

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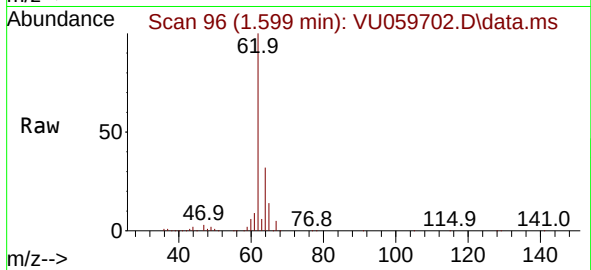
Quant Time: Jul 02 03:55:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#5
Vinyl chloride
Concen: 11.034 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

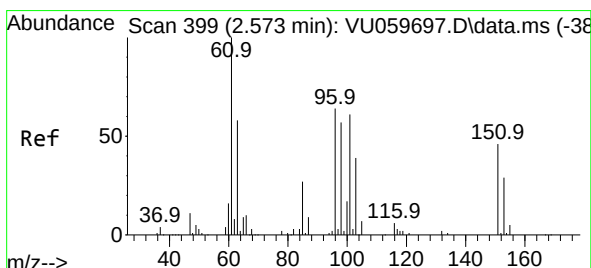
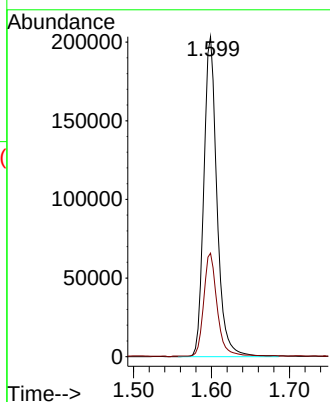
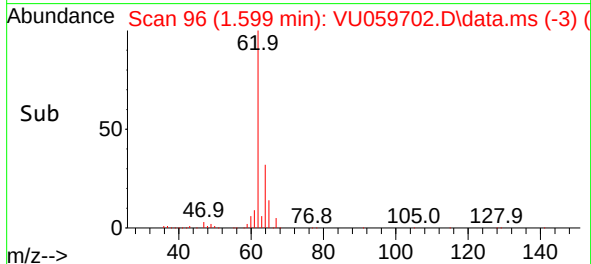
Instrument :
MSVOA_U
ClientSampleId :
COBH0



Tgt Ion: 62 Resp: 238063
Ion Ratio Lower Upper
62 100
64 32.3 23.1 42.9

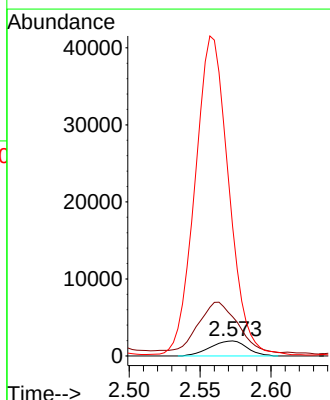
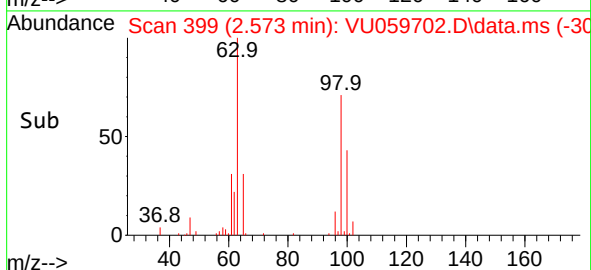
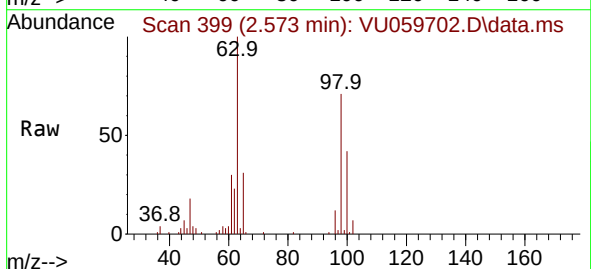
Manual Integrations
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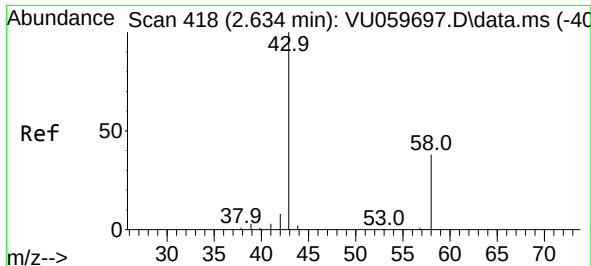
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#12
1,1-Dichloroethene
Concen: 0.232 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Tgt Ion: 96 Resp: 3527
Ion Ratio Lower Upper
96 100
61 261.7 122.9 228.3#
63 863.6 80.4 149.4#





#13

Acetone

Concen: 6.305 ug/L

RT: 2.653 min Scan# 418

Delta R.T. 0.019 min

Lab File: VU059702.D

Acq: 01 Jul 2024 22:29

Instrument :

MSVOA_U

ClientSampleId :

COBH0

Tgt Ion: 43 Resp: 1254

Ion Ratio Lower Upper

43 100

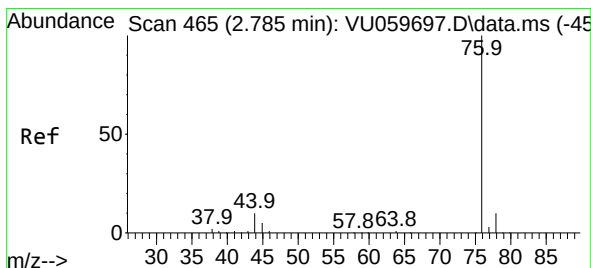
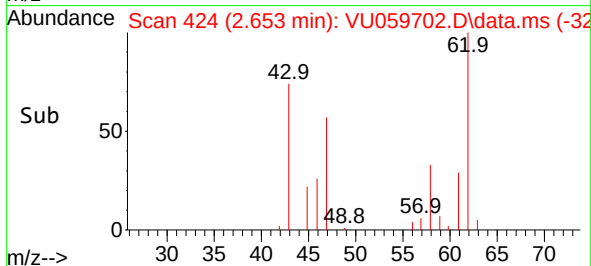
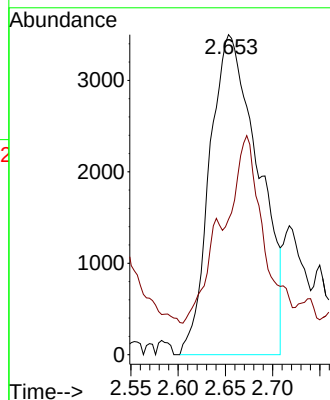
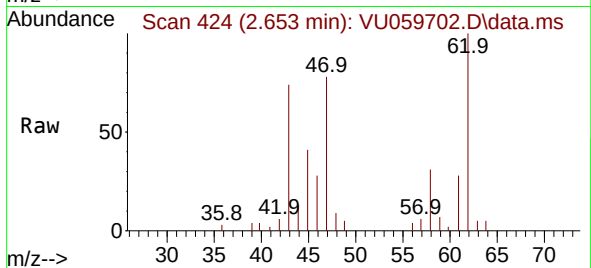
58 11.2 0.0 68.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/05/2024

Supervised By :Semsettin Yesilyurt 07/05/2024



#14

Carbon disulfide

Concen: 0.289 ug/L m

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059702.D

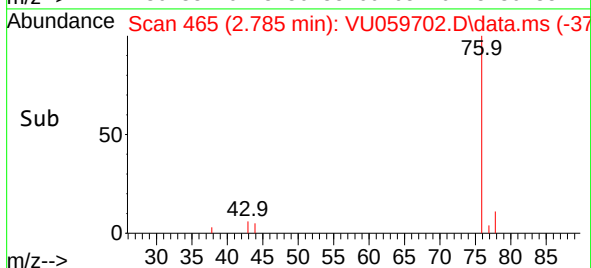
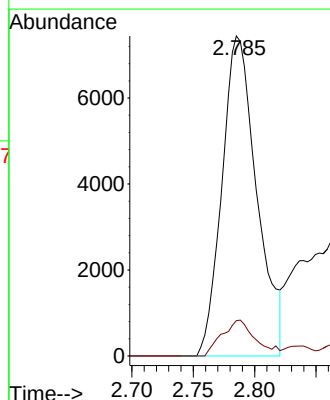
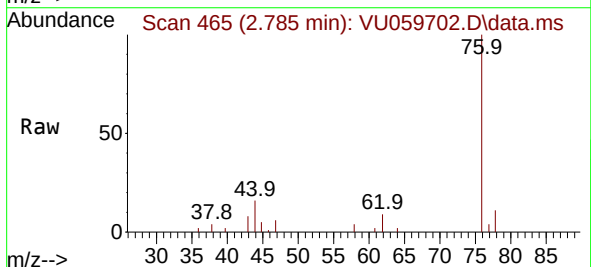
Acq: 01 Jul 2024 22:29

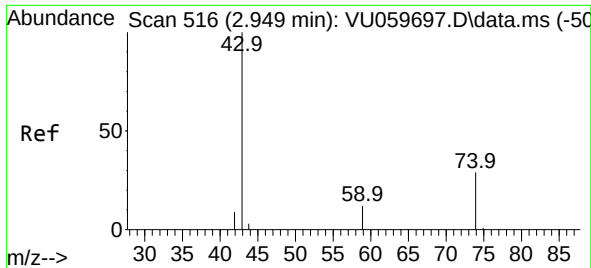
Tgt Ion: 76 Resp: 14654

Ion Ratio Lower Upper

76 100

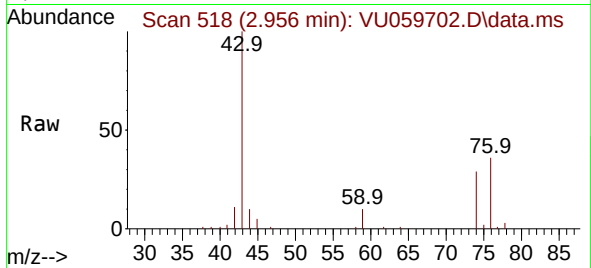
78 11.1 7.3 10.9#





#15
Methyl Acetate
Concen: 9.379 ug/L
RT: 2.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

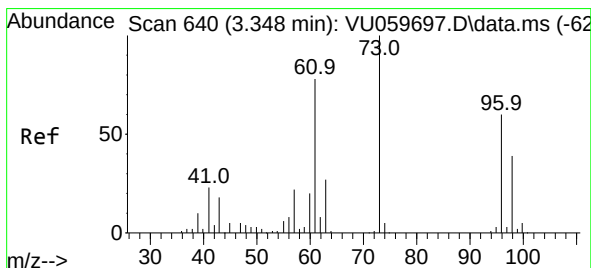
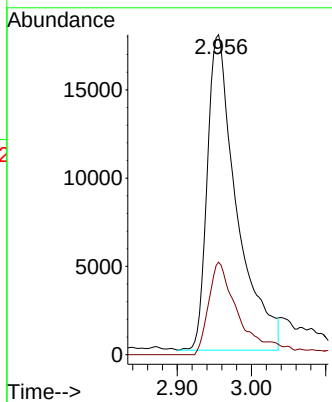
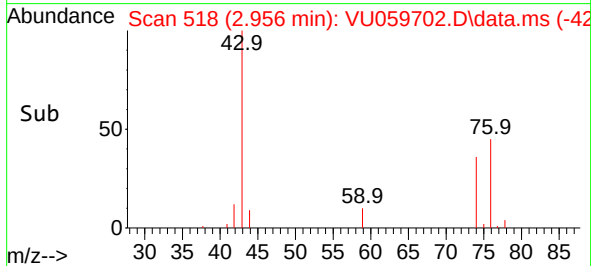
Instrument :
MSVOA_U
ClientSampleId :
COBH0



Tgt Ion: 43 Resp: 4925
Ion Ratio Lower Upper
43 100
74 27.7 19.2 28.8

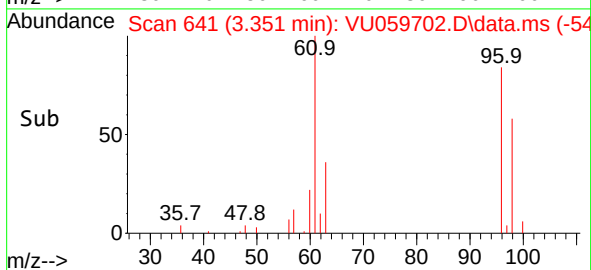
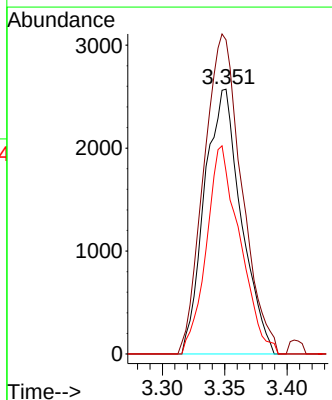
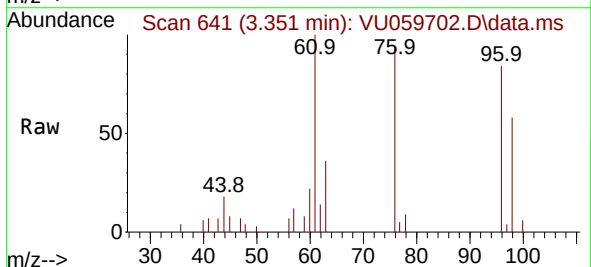
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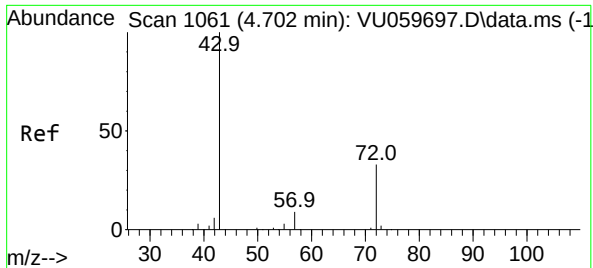
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#18
trans-1,2-Dichloroethene
Concen: 0.333 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Tgt Ion: 96 Resp: 5267
Ion Ratio Lower Upper
96 100
61 118.6 101.8 189.0
98 68.9 43.3 80.5





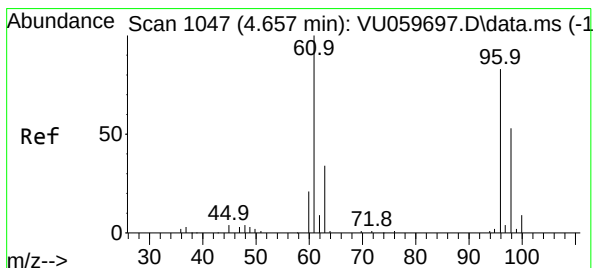
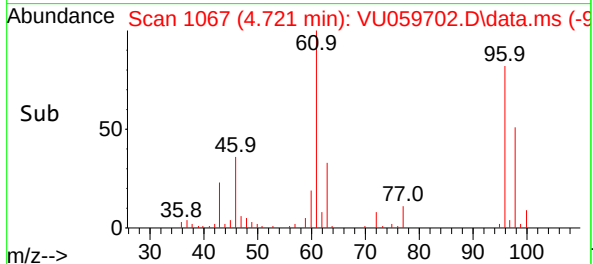
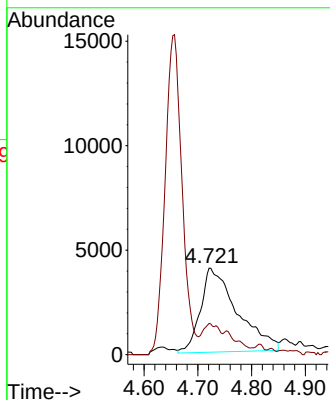
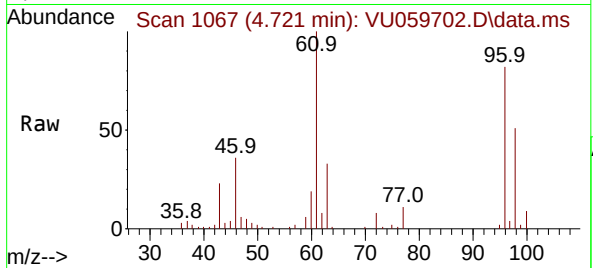
#21
2-Butanone
Concen: 5.991 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.023 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Instrument :
MSVOA_U
ClientSampleId :
COBH0

Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
72 6.8 13.8 41.4

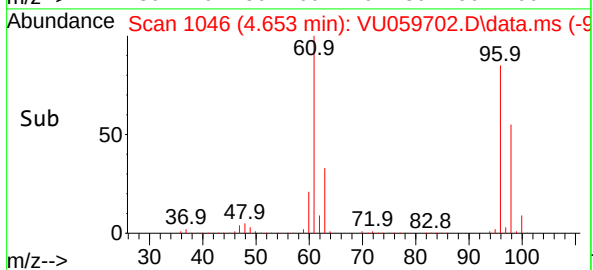
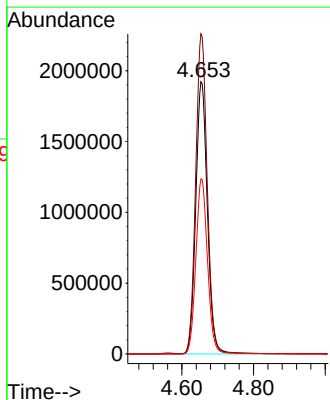
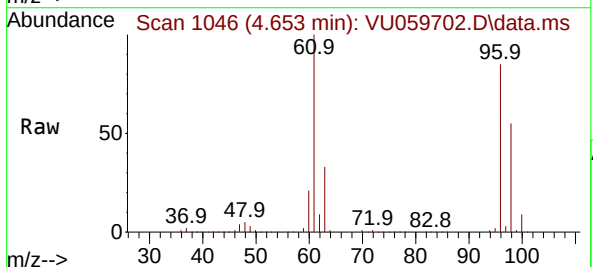
Manual Integrations
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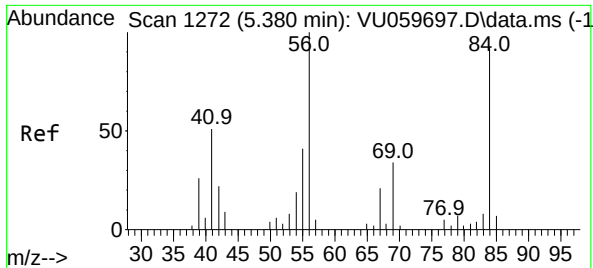
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#22
cis-1,2-Dichloroethene
Concen: 248.339 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

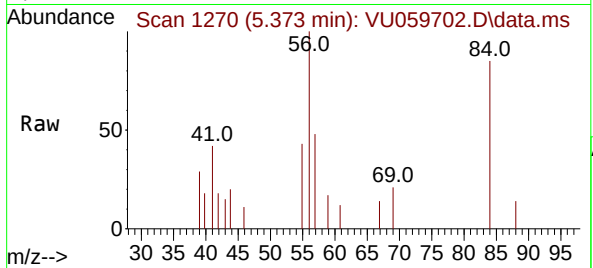
Tgt Ion: 96 Resp: 4324131
Ion Ratio Lower Upper
96 100
61 117.6 87.4 162.2
98 64.3 42.3 78.5





#30
Cyclohexane
Concen: 0.090 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.006 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Instrument :
MSVOA_U
ClientSampleId :
COBH0

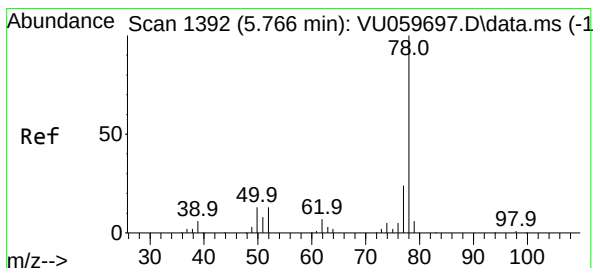
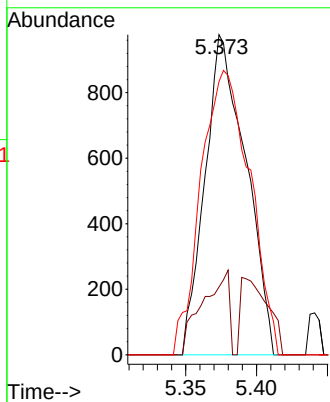
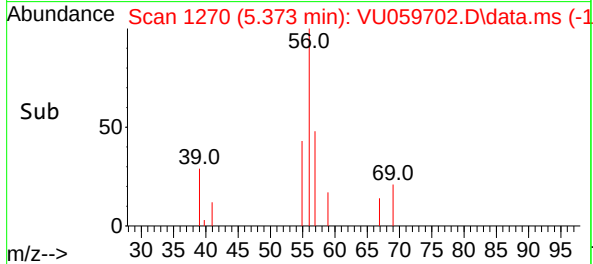


Tgt Ion: 56 Resp: 1950

Ion	Ratio	Lower	Upper
56	100		
69	17.1	24.8	37.2
84	106.4	69.8	104.8

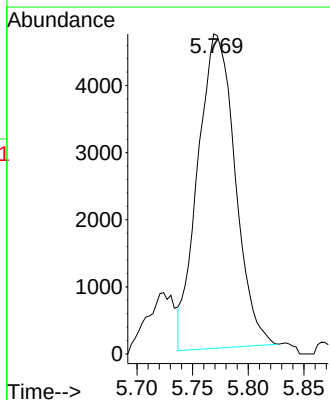
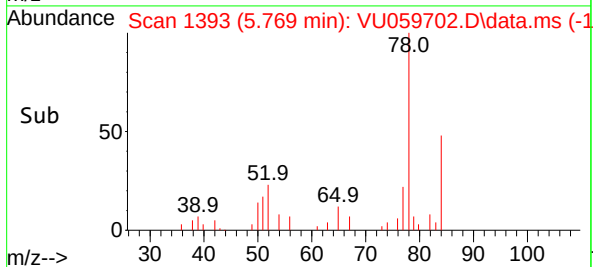
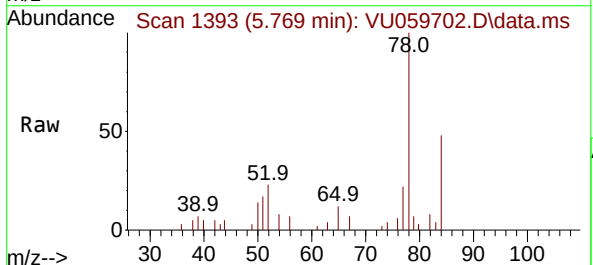
Manual Integrations
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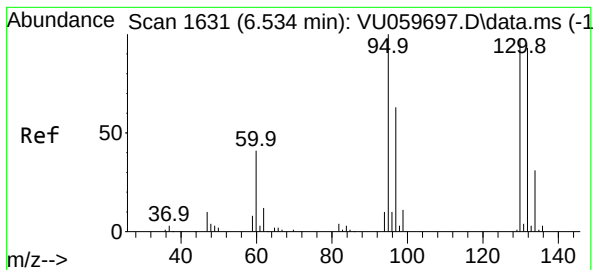
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#33
Benzene
Concen: 0.168 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Tgt Ion: 78 Resp: 10922





#34

Trichloroethene

Concen: 5.065 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059702.D

Acq: 01 Jul 2024 22:29

Instrument :

MSVOA_U

ClientSampleId :

COBH0

Tgt Ion: 95 Resp: 8906

Ion Ratio Lower Upper

95 100

97 63.1 45.3 84.1

132 97.8 64.0 119.0

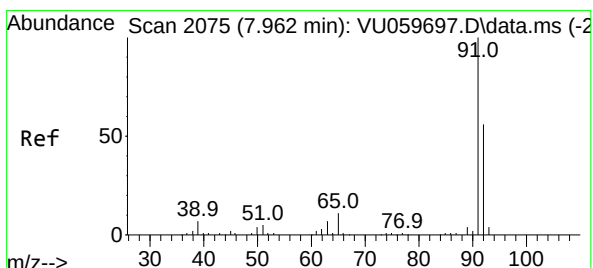
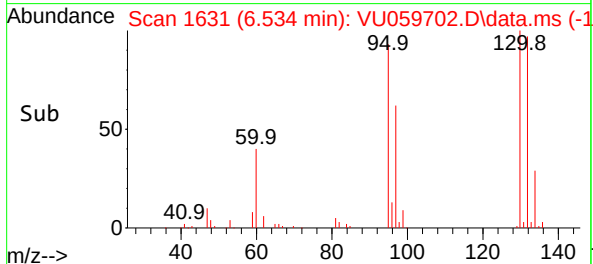
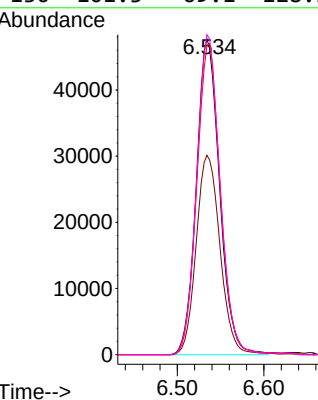
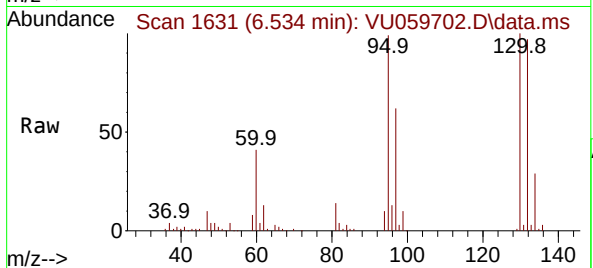
130 101.3 69.1 128.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024

Supervised By :Semsettin Yesilyurt 07/05/2024



#42

Toluene

Concen: 0.300 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059702.D

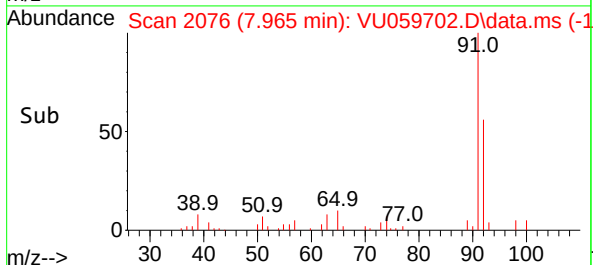
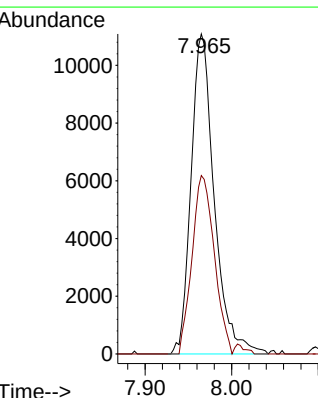
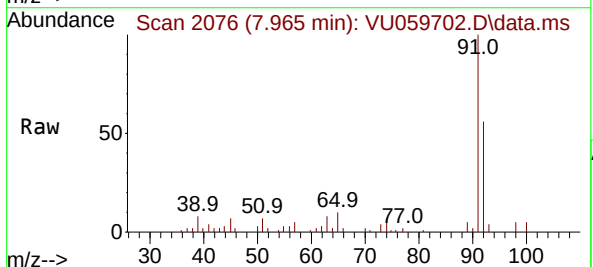
Acq: 01 Jul 2024 22:29

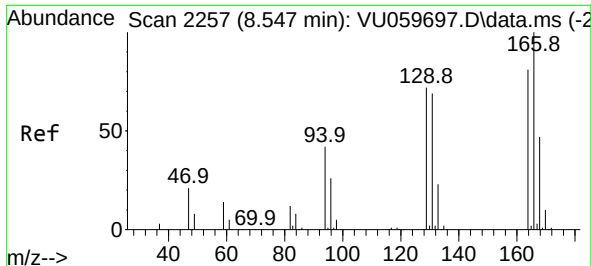
Tgt Ion: 91 Resp: 20593

Ion Ratio Lower Upper

91 100

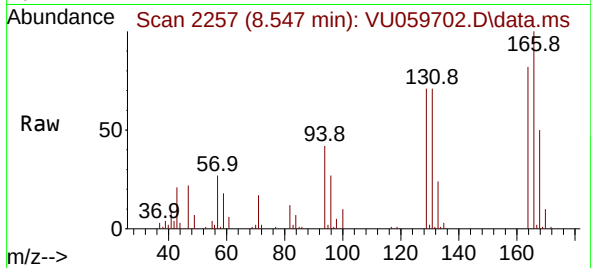
92 55.8 39.7 73.7





#47
Tetrachloroethene
Concen: 1.784 ug/L
RT: 8.547 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

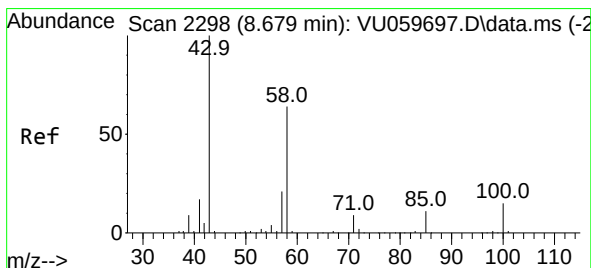
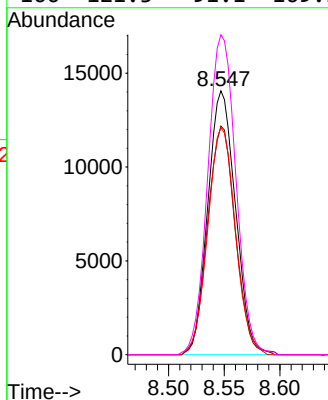
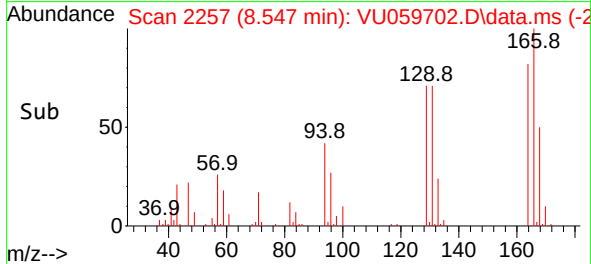
Instrument :
MSVOA_U
ClientSampleId :
COBH0



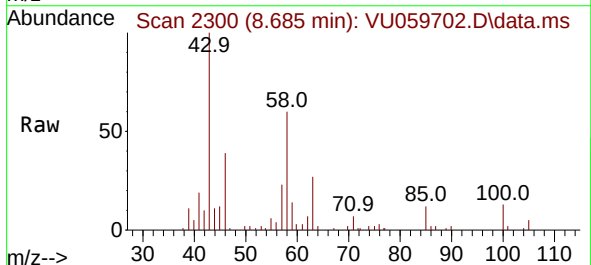
Tgt Ion:164 Resp: 24348
Ion Ratio Lower Upper
164 100
129 86.7 70.8 131.4
131 86.1 64.8 120.3
166 121.3 91.1 169.1

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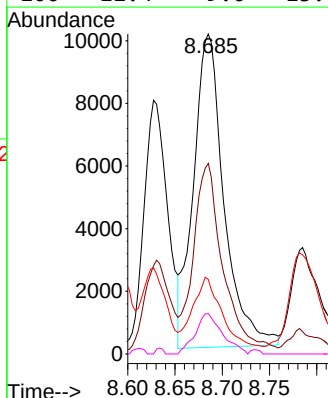
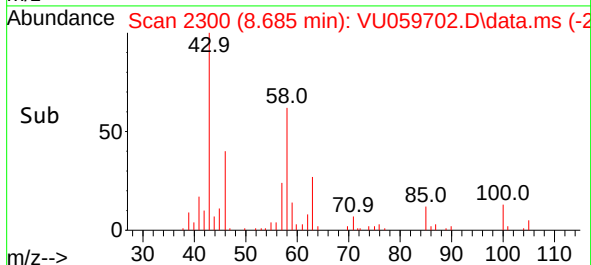
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024

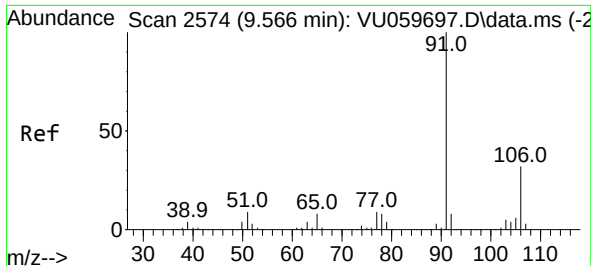


#48
2-Hexanone
Concen: 4.049 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.010 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29



Tgt Ion: 43 Resp: 22501
Ion Ratio Lower Upper
43 100
58 58.5 46.1 69.1
57 23.3 15.5 23.3#
100 11.4 9.0 13.6





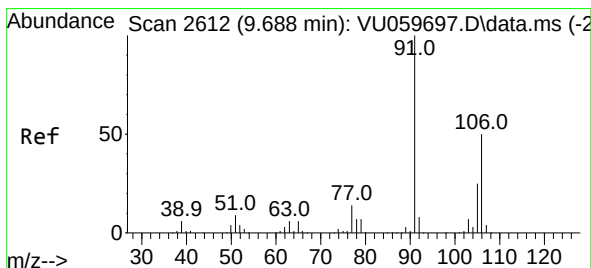
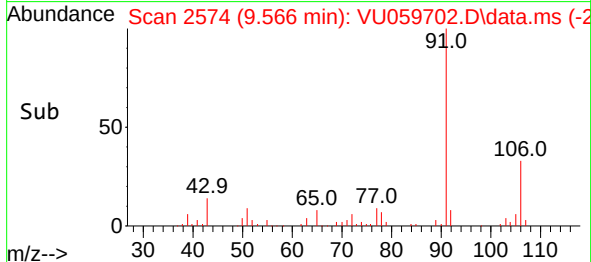
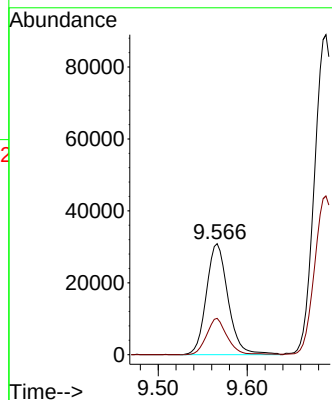
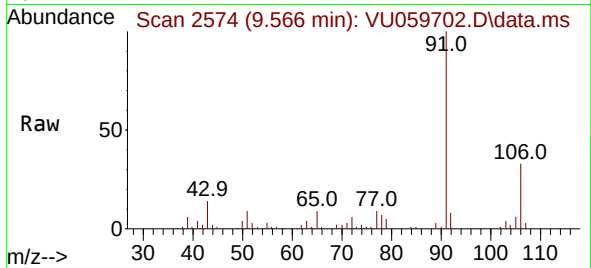
#52
Ethylbenzene
Concen: 0.741 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Instrument :
MSVOA_U
ClientSampleId :
COBH0

Tgt Ion: 91 Resp: 52248
Ion Ratio Lower Upper
91 100
106 32.7 20.9 38.7

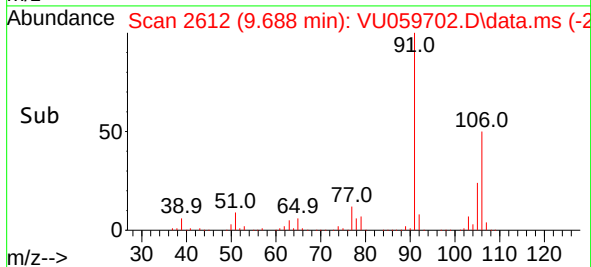
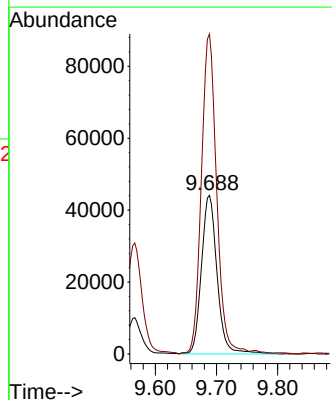
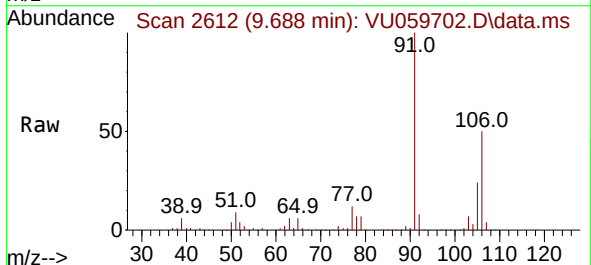
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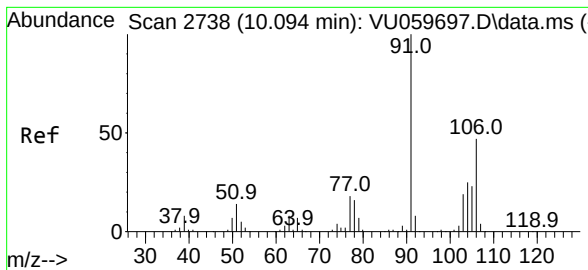
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#53
m,p-Xylene
Concen: 2.891 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Tgt Ion:106 Resp: 78318
Ion Ratio Lower Upper
106 100
91 201.5 142.0 263.8





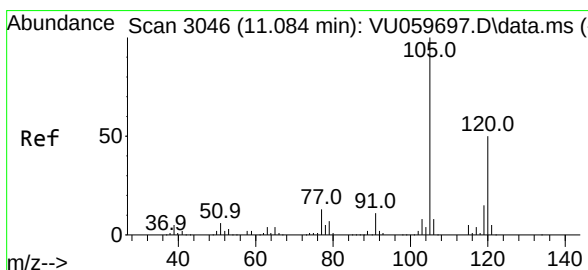
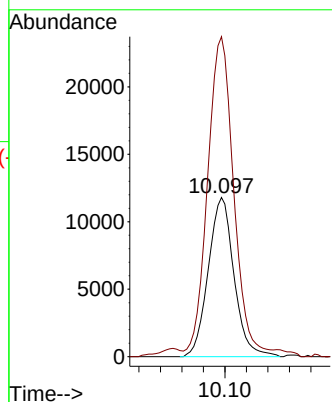
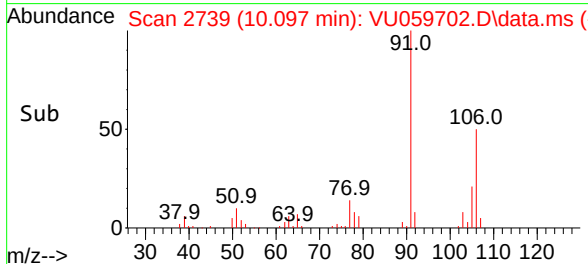
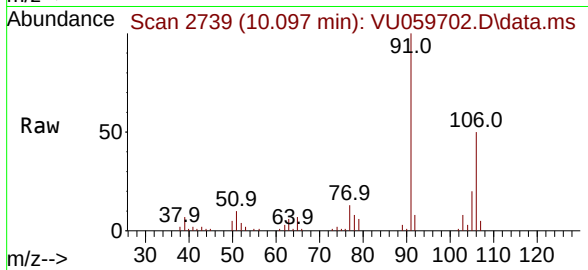
#54
o-Xylene
Concen: 0.763 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Instrument :
MSVOA_U
ClientSampleId :
COBH0

Tgt Ion:106 Resp: 1962
Ion Ratio Lower Upper
106 100
91 200.9 151.6 281.6

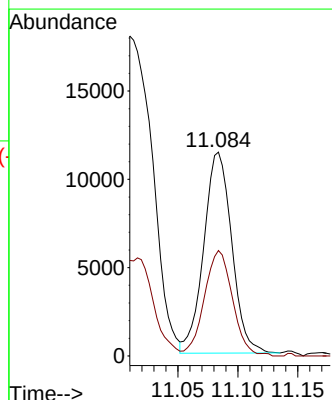
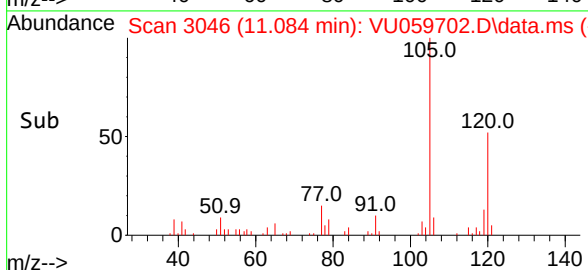
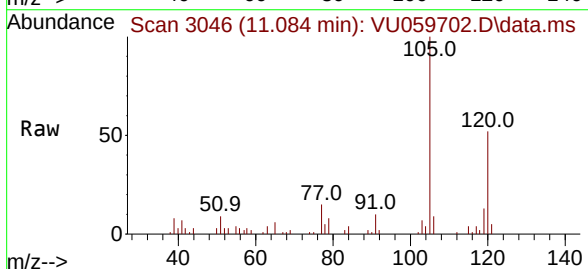
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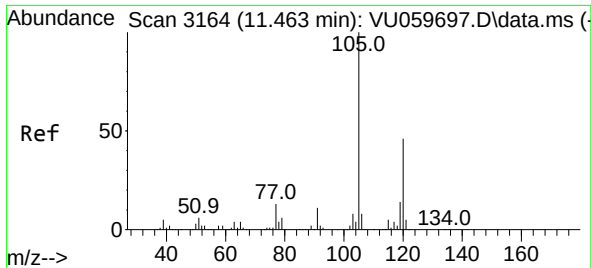
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.321 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059702.D
Acq: 01 Jul 2024 22:29

Tgt Ion:105 Resp: 18533
Ion Ratio Lower Upper
105 100
120 52.8 38.2 57.4





#63
 1,2,4-Trimethylbenzene
 Concen: 1.627 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059702.D
 Acq: 01 Jul 2024 22:29

Instrument :
 MSVOA_U
 ClientSampleId :
 COBH0

Tgt Ion:105 Resp: 8989
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.4 53.0

Manual Integrations
 APPROVED

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

