

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059334.D
 Acq On : 19 Jun 2024 00:11
 Operator : MD/SY
 Sample : P2856-07
 Misc : 2.80g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SG9

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 19 05:41:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167613	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178766	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	119780m	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	34438	34.315	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.640%		
7) Chloroethane-d5	1.869	69	20835	24.236	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	48.480%#		
11) 1,1-Dichloroethene-d2	2.531	63	49520	24.999	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.000%#		
21) 2-Butanone-d5	4.628	46	77958	82.414	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.410%		
24) Chloroform-d	5.052	84	79414	39.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.500%		
26) 1,2-Dichloroethane-d4	5.692	65	53652	43.816	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.640%		
32) Benzene-d6	5.715	84	164730	40.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.300%		
36) 1,2-Dichloropropane-d6	6.682	67	54169	38.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.580%		
41) Toluene-d8	7.891	98	142070	40.789	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.580%		
43) trans-1,3-Dichloroprop...	8.177	79	22368	39.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.240%		
47) 2-Hexanone-d5	8.640	63	57583	88.021	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.020%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	146607m	61.233	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	122.460%#		
66) 1,2-Dichlorobenzene-d4	12.190	152	78551	43.944	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.880%		
Target Compounds						
35) Methylcyclohexane	6.750	83	7228	3.110	ug/L #	82
46) Tetrachloroethene	8.550	164	3440	3.267	ug/L	89
52) Ethylbenzene	9.566	91	90158	13.497	ug/L	99
53) m,p-Xylene	9.695	106	64031	26.081	ug/L	92
54) o-Xylene	10.100	106	5409	2.273	ug/L	87
61) Isopropylbenzene	10.483	105	363145	43.094	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	1327729	217.461	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	16631268m	2512.774	ug/L	

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

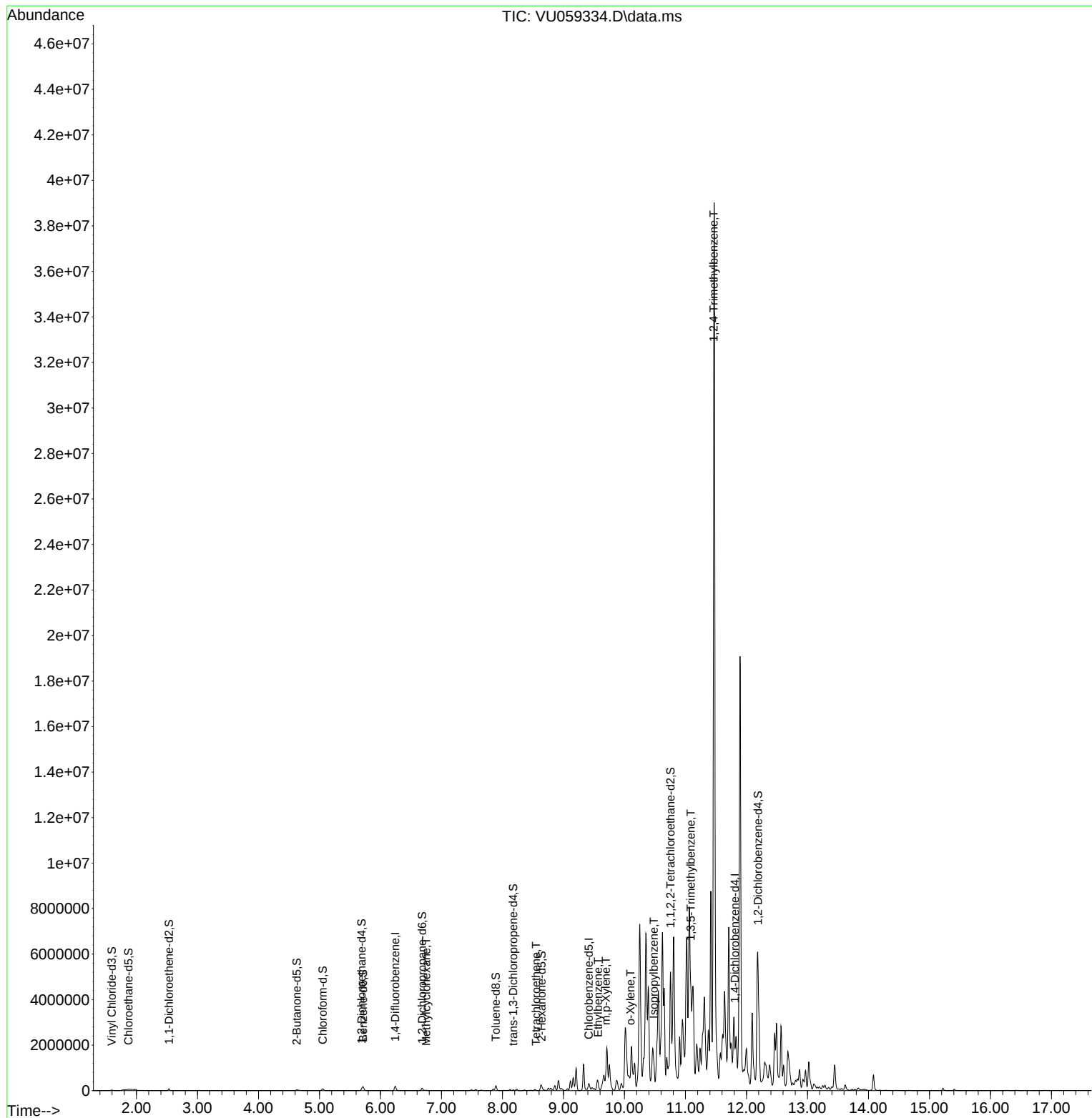
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
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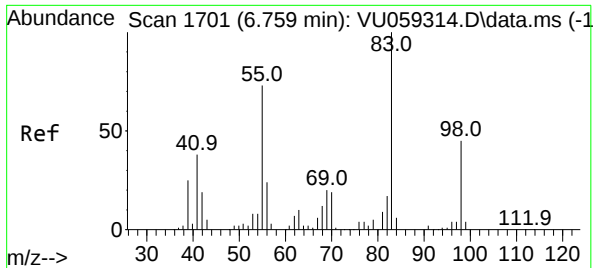
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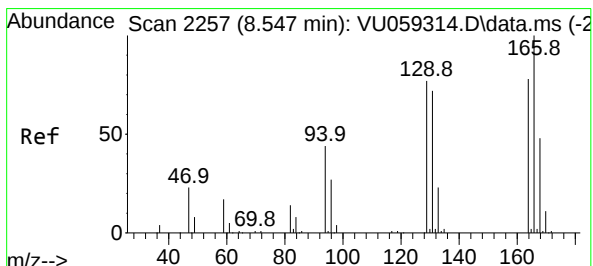
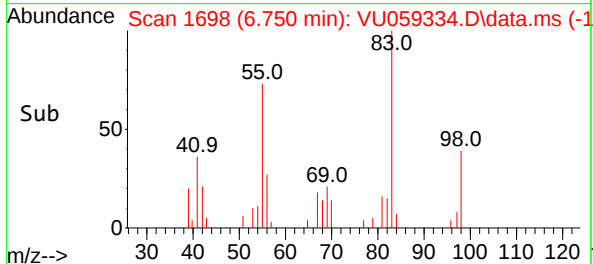
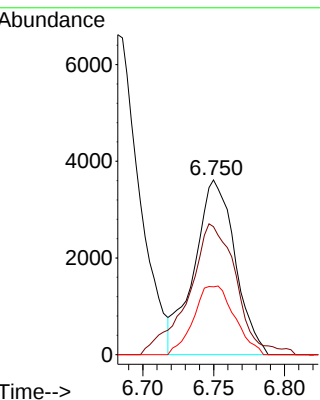
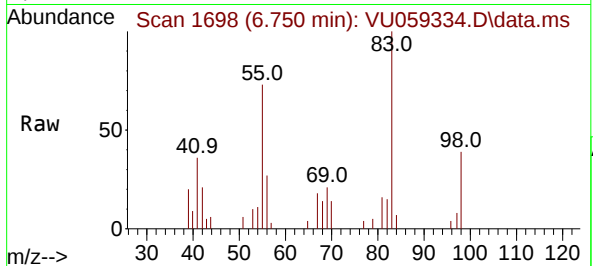
#35
Methylcyclohexane
Concen: 3.110 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.010 min
Lab File: VU059334.D
Acq: 19 Jun 2024 00:11

Instrument :
MSVOA_U
ClientSampleId :
C0SG9

Tgt Ion: 83 Resp: 7228
Ion Ratio Lower Upper
83 100
55 86.8 63.9 95.9
98 20.7 34.7 52.1

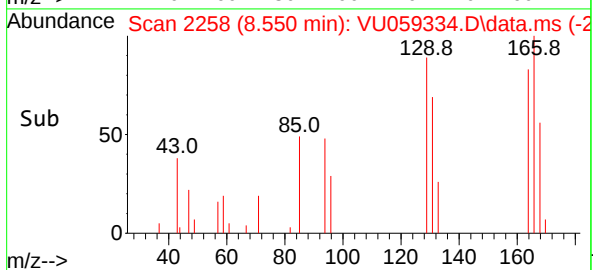
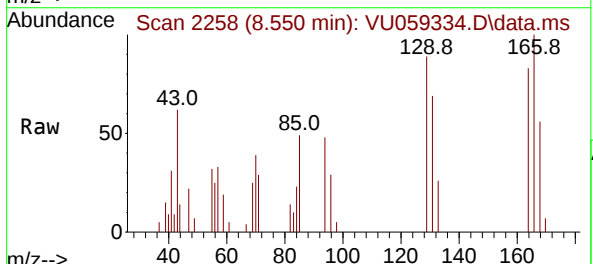
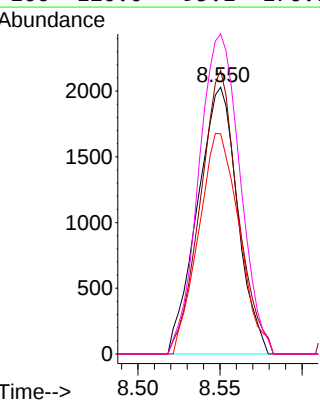
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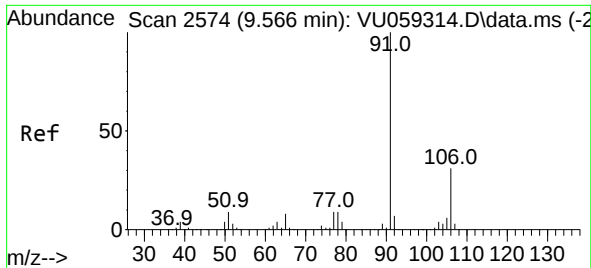
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#46
Tetrachloroethene
Concen: 3.267 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059334.D
Acq: 19 Jun 2024 00:11

Tgt Ion:164 Resp: 3440
Ion Ratio Lower Upper
164 100
129 106.3 74.5 138.5
131 82.5 70.6 131.0
166 120.0 95.1 176.7





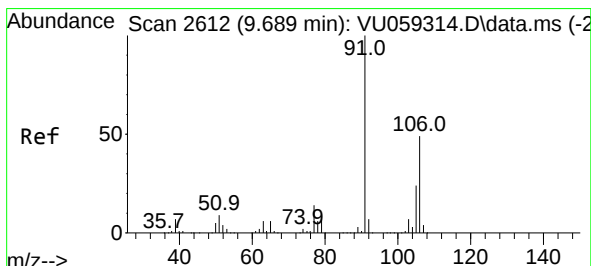
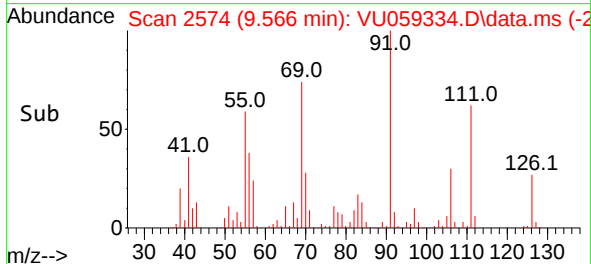
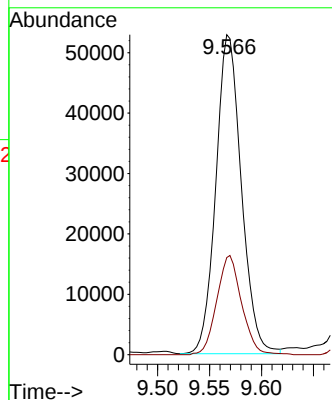
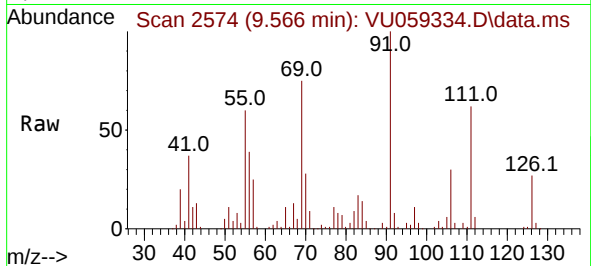
#52
Ethylbenzene
Concen: 13.497 ug/L
RT: 9.566 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VU059334.D
Acq: 19 Jun 2024 00:11

Instrument :
MSVOA_U
ClientSampleId :
C0SG9

Tgt Ion: 91 Resp: 90158
Ion Ratio Lower Upper
91 100
106 30.4 21.0 39.0

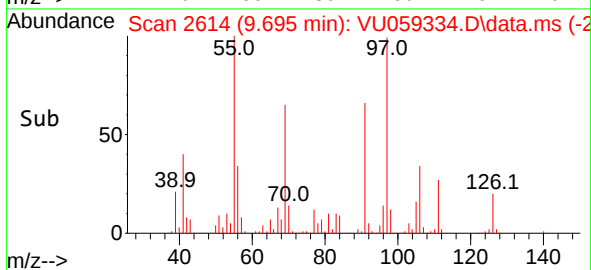
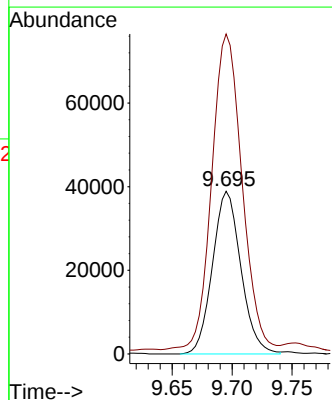
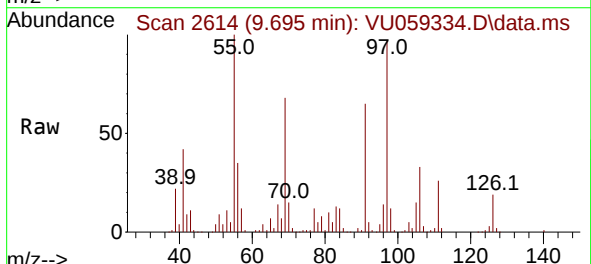
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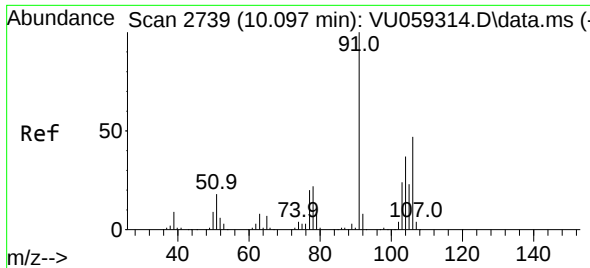
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#53
m,p-Xylene
Concen: 26.081 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU059334.D
Acq: 19 Jun 2024 00:11

Tgt Ion:106 Resp: 64031
Ion Ratio Lower Upper
106 100
91 196.6 146.4 272.0





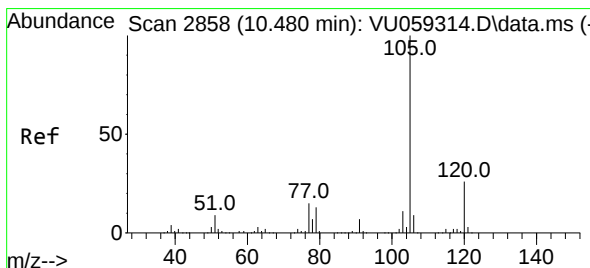
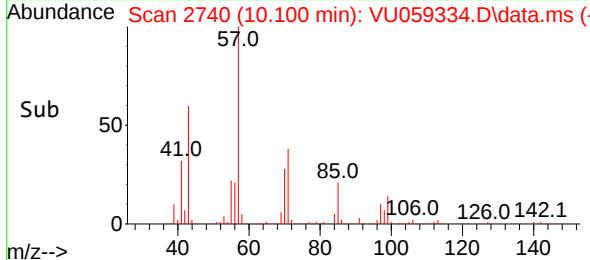
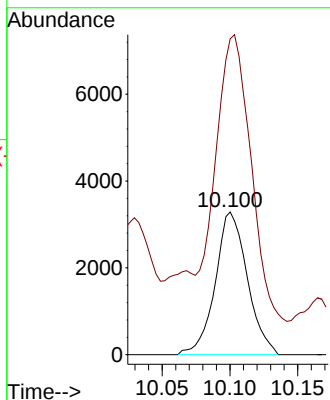
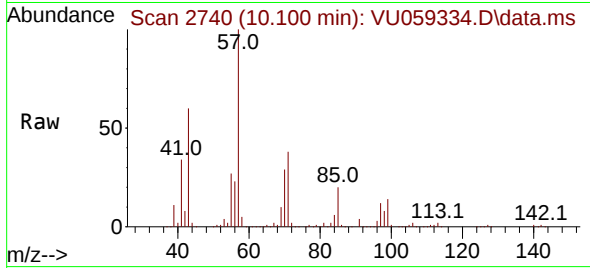
#54
o-Xylene
Concen: 2.273 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059334.D
Acq: 19 Jun 2024 00:11

Instrument :
MSVOA_U
ClientSampleId :
C0SG9

Tgt Ion:106 Resp: 5409
Ion Ratio Lower Upper
106 100
91 202.6 156.7 290.9

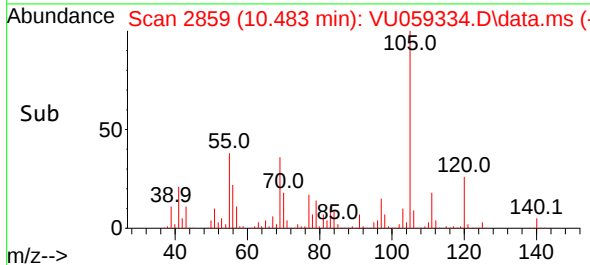
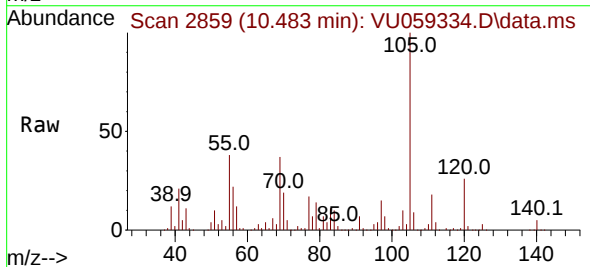
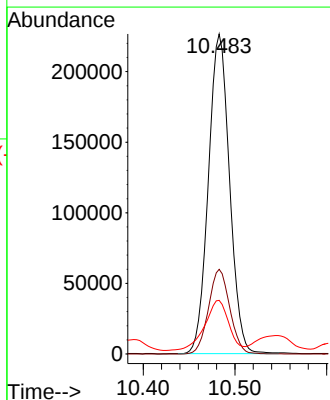
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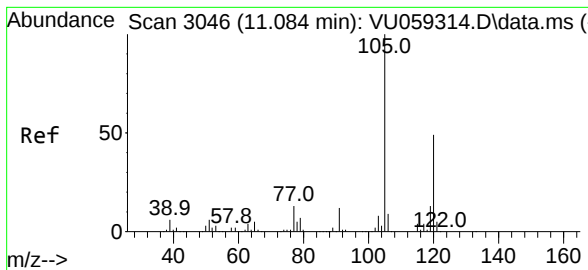
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#61
Isopropylbenzene
Concen: 43.094 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU059334.D
Acq: 19 Jun 2024 00:11

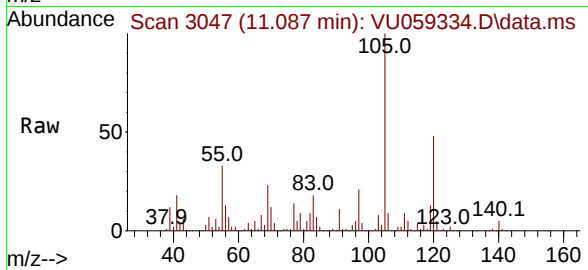
Tgt Ion:105 Resp: 363145
Ion Ratio Lower Upper
105 100
120 26.6 20.3 30.5
77 16.8 13.4 20.0





#62
 1,3,5-Trimethylbenzene
 Concen: 217.461 ug/L
 RT: 11.087 min Scan# 3046
 Delta R.T. 0.003 min
 Lab File: VU059334.D
 Acq: 19 Jun 2024 00:11

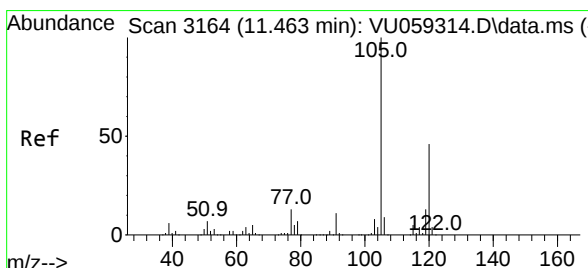
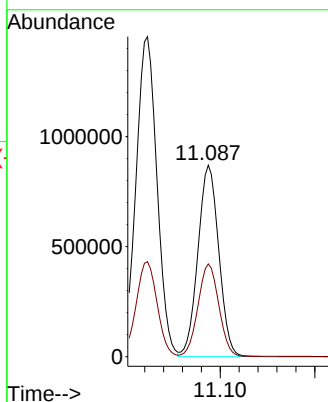
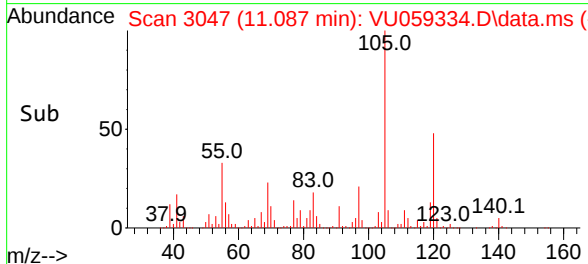
Instrument :
 MSVOA_U
 ClientSampleId :
 C0SG9



Tgt Ion:105 Resp: 1327729
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.8 56.8

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 Supervised By :Semsettin Yesilyurt 06/20/2024



#63
 1,2,4-Trimethylbenzene
 Concen: 2512.774 ug/L m
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059334.D
 Acq: 19 Jun 2024 00:11

Tgt Ion:105 Resp:16631268
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.0 52.6#

