

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036050.D
 Acq On : 13 Jun 2024 10:20
 Operator : SY/MD
 Sample : P2850-07
 Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB08

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 01:16:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	213662	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	211410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	149147	37.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 151.880%#			
7) Chloroethane-d5	1.529	69	113643	36.282	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 145.120%			
11) 1,1-Dichloroethene-d2	2.053	65	61243	35.021	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 140.080%#			
21) 2-Butanone-d5	3.812	46	49376	54.785	ug/L	-0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.580%			
24) Chloroform-d	4.240	84	203814	30.004	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 120.000%			
26) 1,2-Dichloroethane-d4	4.934	65	106616	29.936	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.760%			
32) Benzene-d6	4.953	84	399291	31.774	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.080%			
36) 1,2-Dichloropropane-d6	5.982	67	126365	31.931	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.720%#			
41) Toluene-d8	7.240	98	322369	29.074	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.280%			
43) trans-1,3-Dichloroprop...	7.555	79	39189	24.152	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.600%			
47) 2-Hexanone-d5	8.027	63	33680	62.816	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.640%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	105601	35.710	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 142.840%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	96179	31.830	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 127.320%#			
Target Compounds						
5) Vinyl chloride	1.278	62	6249	1.343	ug/L #	52
13) Acetone	2.127	43	62333	44.400	ug/L #	44
16) Methylene chloride	2.442	84	45414	9.393	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	15193	4.160	ug/L	91
22) 2-Butanone	3.921	43	16948m	14.227	ug/L	
34) Trichloroethene	5.847	95	2336	0.551	ug/L	94
42) Toluene	7.333	91	7013	0.496	ug/L	97
46) Tetrachloroethene	7.912	164	1809m	0.584	ug/L	

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

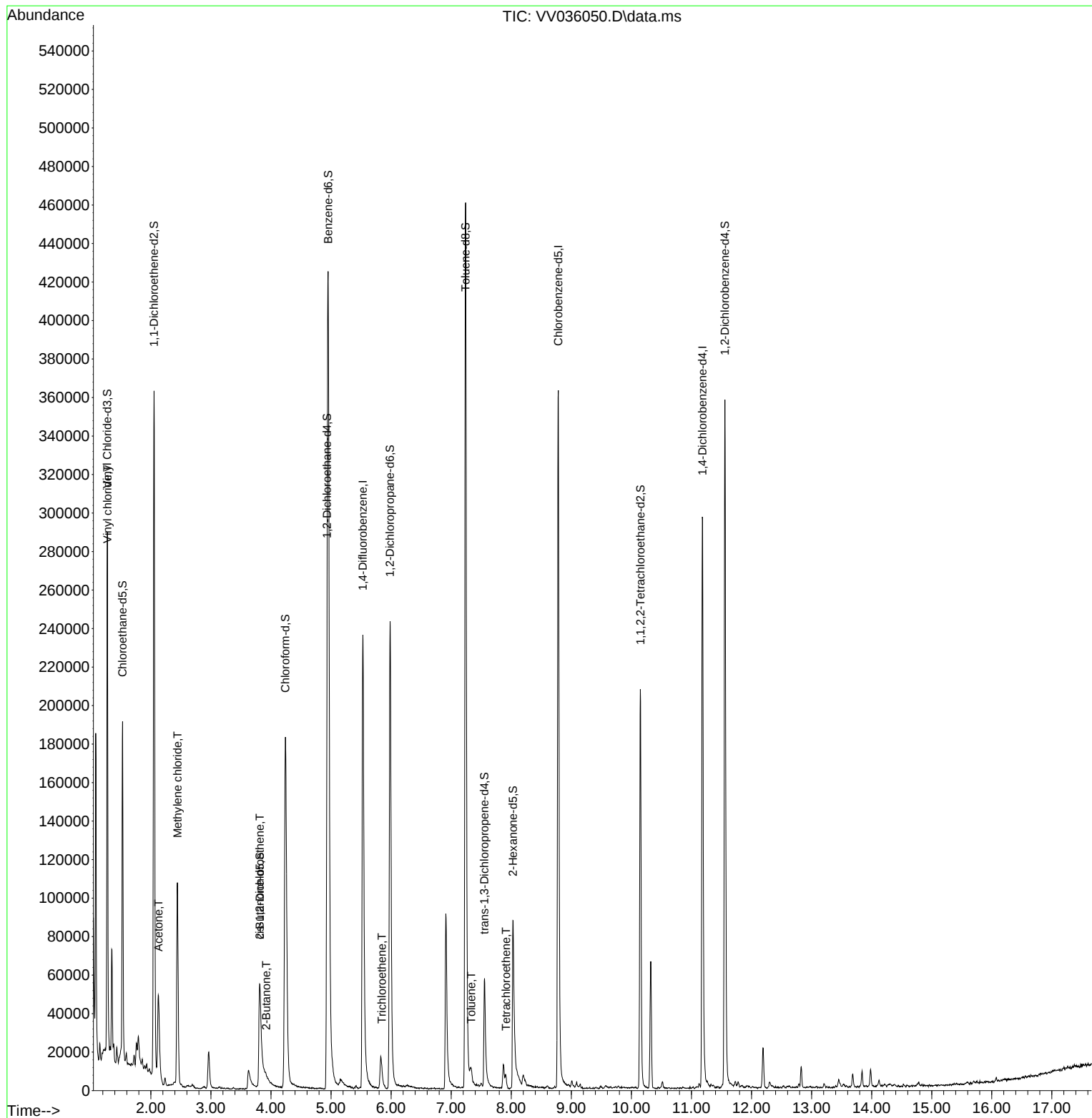
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

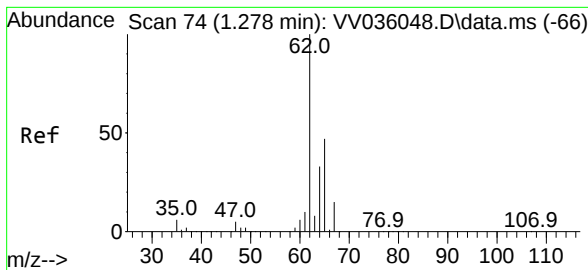
Instrument :
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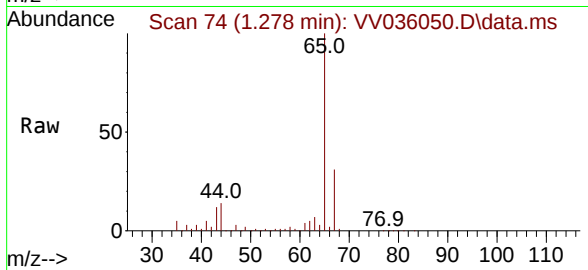
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1.343 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036050.D
 Acq: 13 Jun 2024 10:20

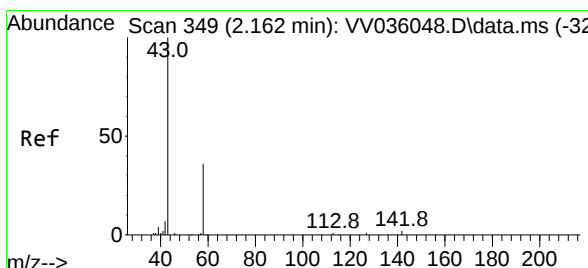
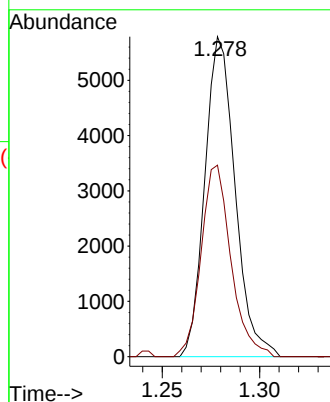
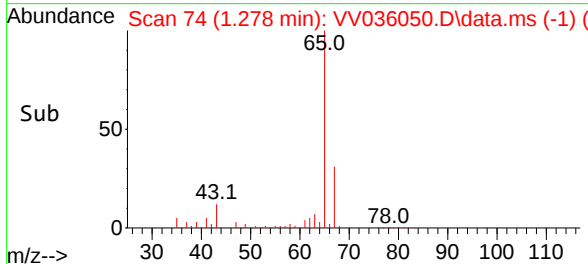
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Tgt Ion: 62 Resp: 6249
 Ion Ratio Lower Upper
 62 100
 64 59.8 22.9 42.5

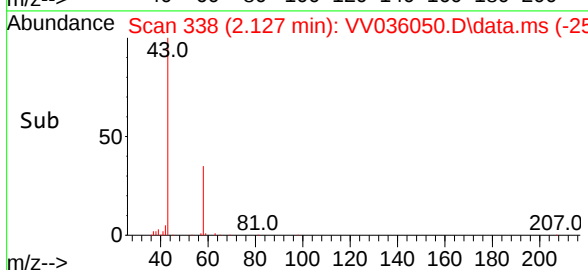
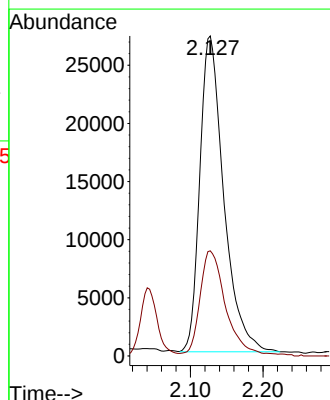
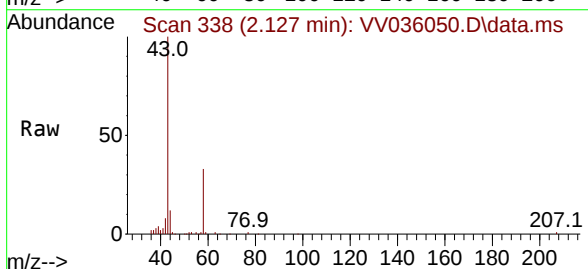
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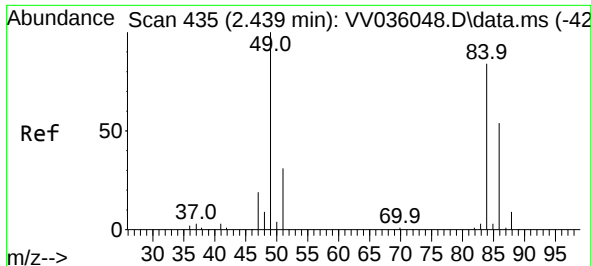
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 Supervised By :Semsettin Yesilyurt 06/20/2024



#13
 Acetone
 Concen: 44.400 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. -0.035 min
 Lab File: VV036050.D
 Acq: 13 Jun 2024 10:20

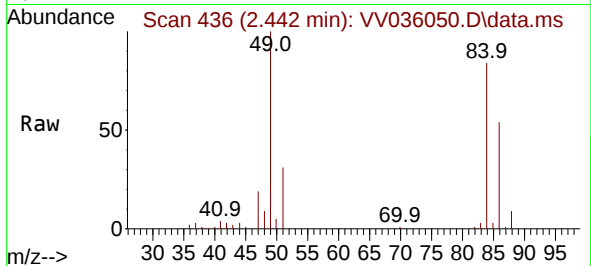
Tgt Ion: 43 Resp: 62333
 Ion Ratio Lower Upper
 43 100
 58 33.8 0.0 24.2





#16
Methylene chloride
Concen: 9.393 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036050.D
Acq: 13 Jun 2024 10:20

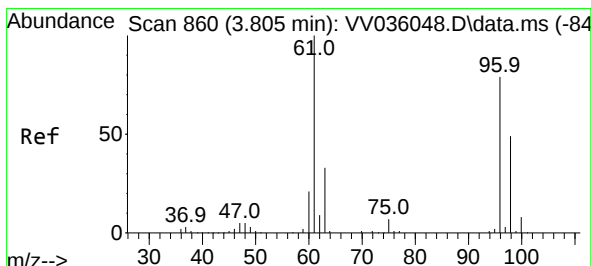
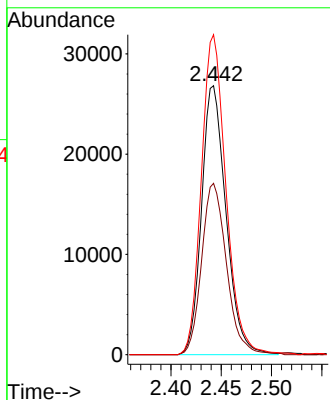
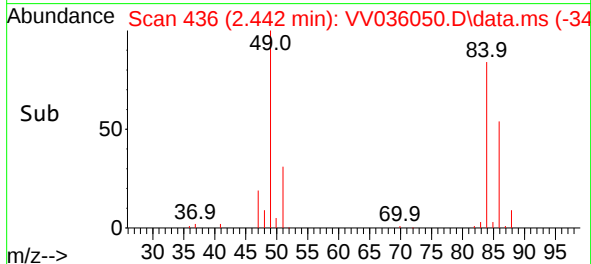
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Tgt Ion: 84 Resp: 45414
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 119.0 81.1 150.5

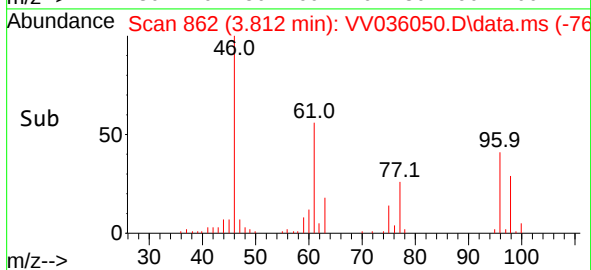
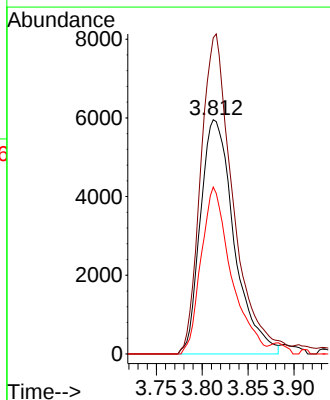
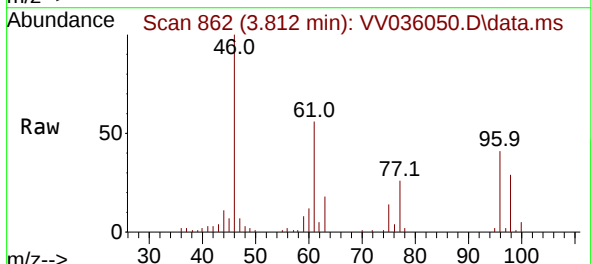
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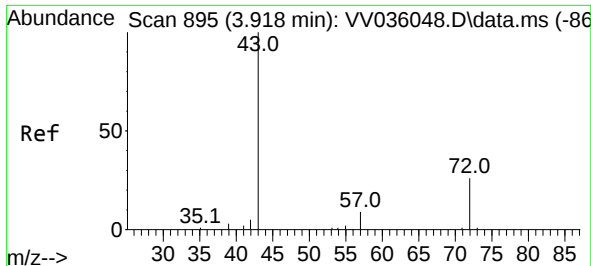
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#20
cis-1,2-Dichloroethene
Concen: 4.160 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV036050.D
Acq: 13 Jun 2024 10:20

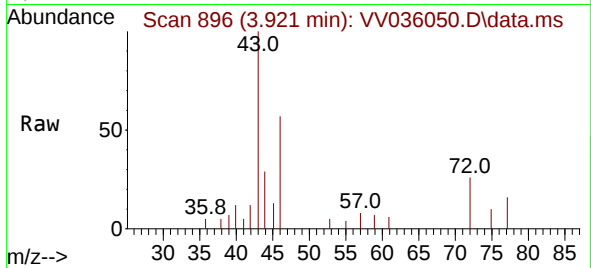
Tgt Ion: 96 Resp: 15193
Ion Ratio Lower Upper
96 100
61 134.9 87.9 163.3
98 71.2 44.4 82.5





#22
2-Butanone
Concen: 14.227 ug/L m
RT: 3.921 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV036050.D
Acq: 13 Jun 2024 10:20

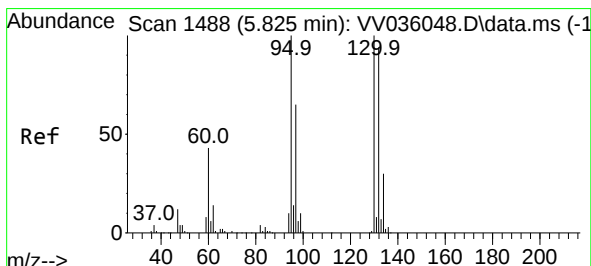
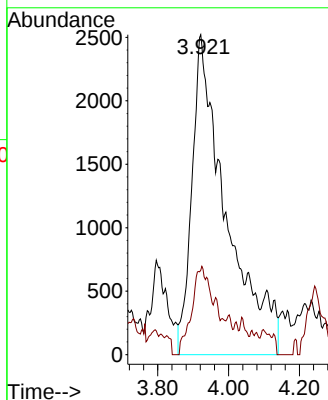
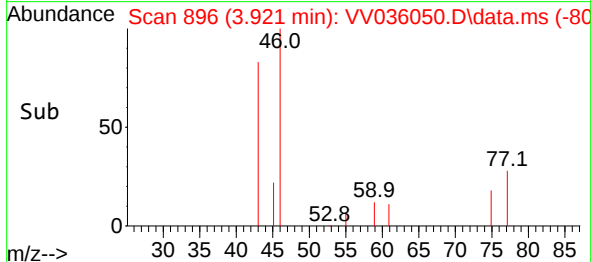
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Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
72 3.9 8.2 24.4

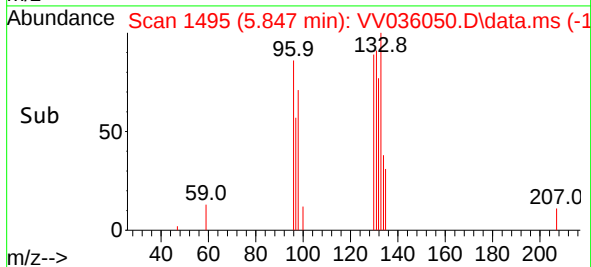
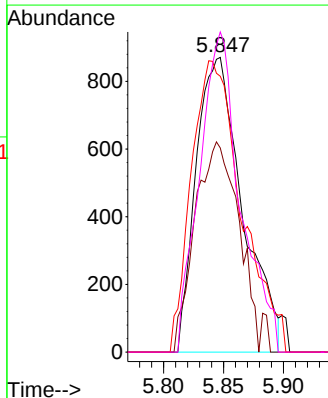
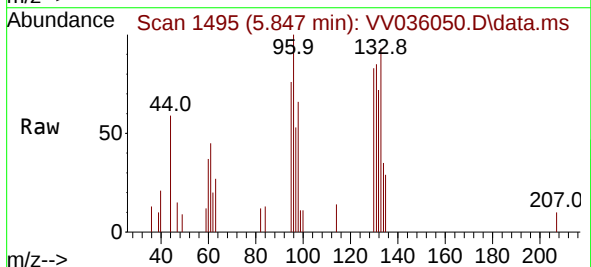
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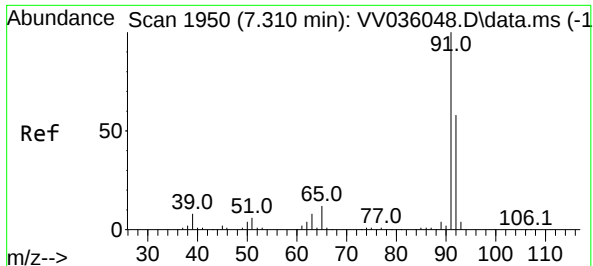
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Supervised By :Semsettin Yesilyurt 06/20/2024



#34
Trichloroethene
Concen: 0.551 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.023 min
Lab File: VV036050.D
Acq: 13 Jun 2024 10:20

Tgt Ion: 95 Resp: 2336
Ion Ratio Lower Upper
95 100
97 69.2 44.8 83.2
132 93.6 66.8 124.2
130 108.6 70.0 130.0





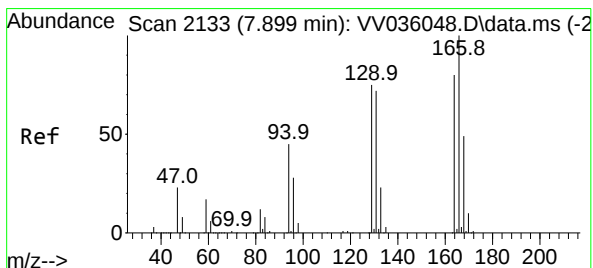
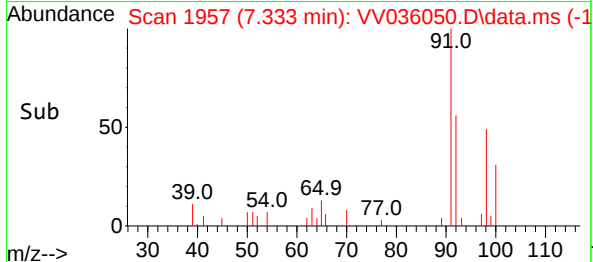
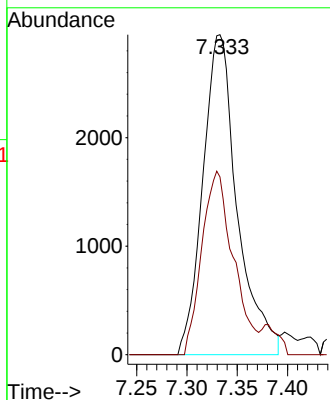
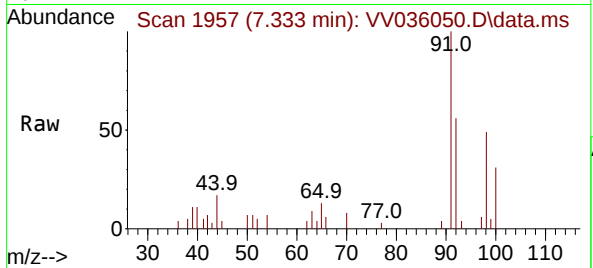
#42
Toluene
Concen: 0.496 ug/L
RT: 7.333 min Scan# 1950
Delta R.T. 0.023 min
Lab File: VV036050.D
Acq: 13 Jun 2024 10:20

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 91 Resp: 701
Ion Ratio Lower Upper
91 100
92 55.6 40.6 75.4

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#46
Tetrachloroethene
Concen: 0.584 ug/L m
RT: 7.912 min Scan# 2137
Delta R.T. 0.013 min
Lab File: VV036050.D
Acq: 13 Jun 2024 10:20

Tgt Ion:164 Resp: 1809
Ion Ratio Lower Upper
164 100
129 95.6 64.6 120.0
131 86.9 63.2 117.4
166 131.7 89.5 166.3

