

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036058.D
 Acq On : 13 Jun 2024 13:22
 Operator : SY/MD
 Sample : P2850-17
 Misc : 4.39g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB77

Quant Time: Jun 14 01:18:09 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	350287	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	351633	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153795	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	191117	29.676	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.720%			
7) Chloroethane-d5	1.529	69	139749	27.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.840%			
11) 1,1-Dichloroethene-d2	2.053	65	80916	28.224	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 112.880%#			
21) 2-Butanone-d5	3.857	46	87328m	59.102	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.200%			
24) Chloroform-d	4.246	84	266515	23.932	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.720%			
26) 1,2-Dichloroethane-d4	4.940	65	145491	24.918	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.680%			
32) Benzene-d6	4.957	84	535458	25.618	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.480%			
36) 1,2-Dichloropropane-d6	5.985	67	170782	25.946	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.800%			
41) Toluene-d8	7.243	98	431078	23.374	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.480%			
43) trans-1,3-Dichloroprop...	7.555	79	54174	20.073	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.280%			
47) 2-Hexanone-d5	8.034	63	50432	56.551	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.100%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	142897	29.052	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.200%			
66) 1,2-Dichlorobenzene-d4	11.558	152	153072	27.141	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.560%			
Target Compounds						Qvalue
13) Acetone	2.159	43	21401m	9.298	ug/L	
16) Methylene chloride	2.442	84	64059	8.082	ug/L	99
19) 1,1-Dichloroethane	3.114	63	7398	0.652	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	1617134	270.092	ug/L	99
34) Trichloroethene	5.834	95	27583	3.913	ug/L	97
46) Tetrachloroethene	7.902	164	136788	26.535	ug/L	98

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

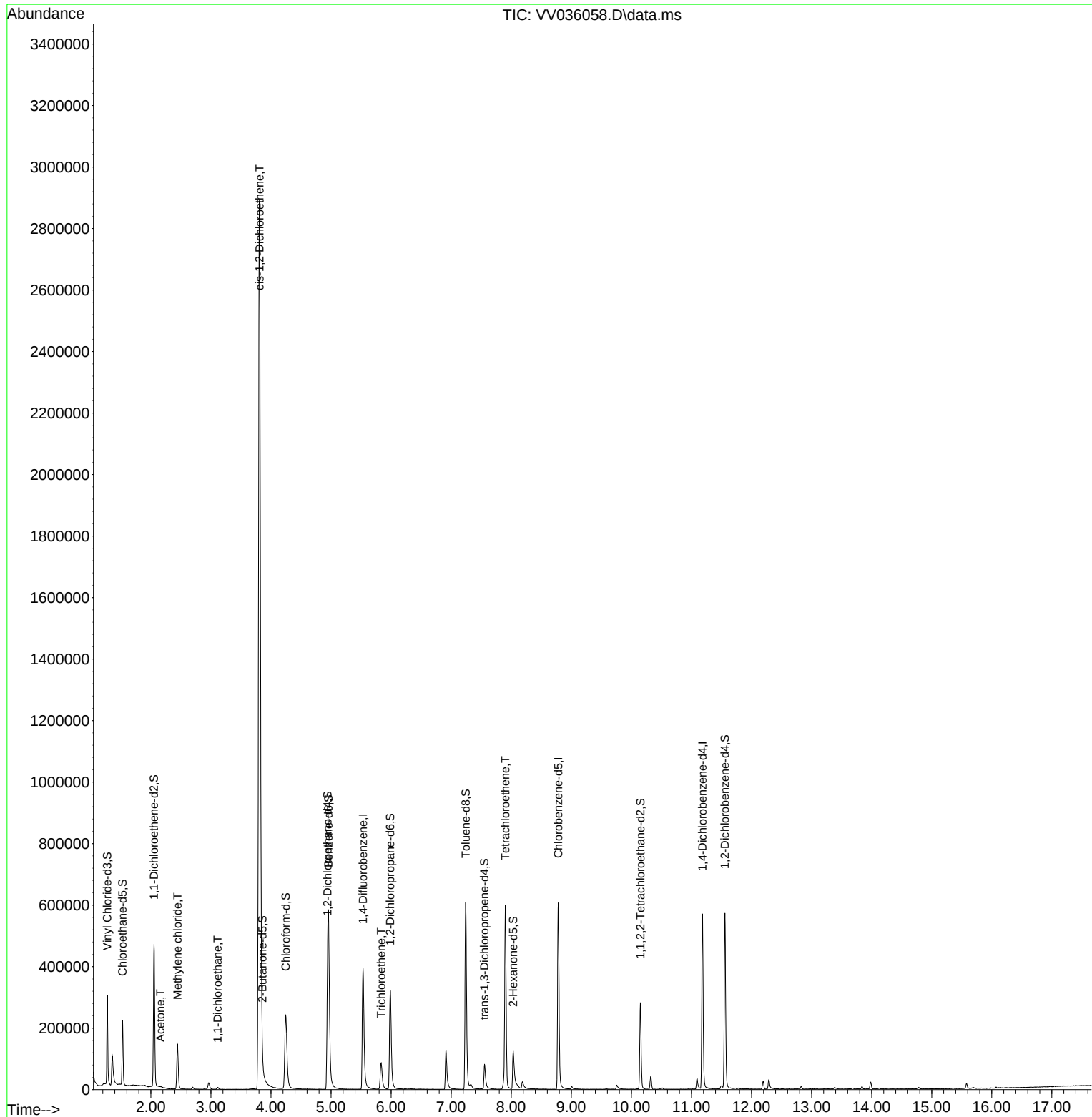
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036058.D
Acq On : 13 Jun 2024 13:22
Operator : SY/MD
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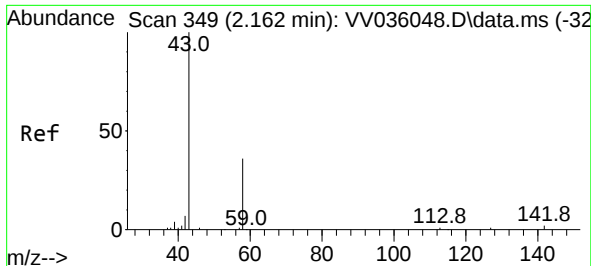
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration





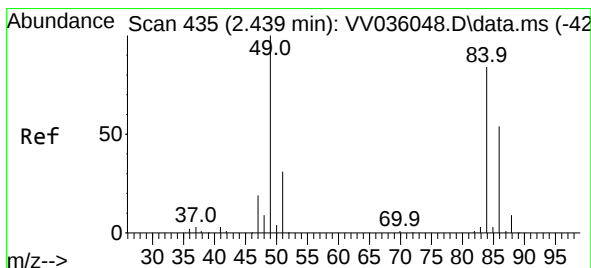
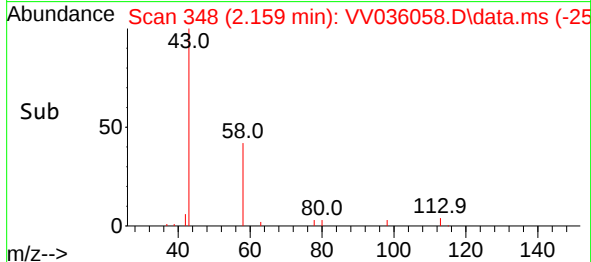
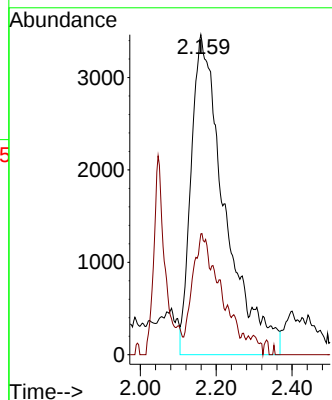
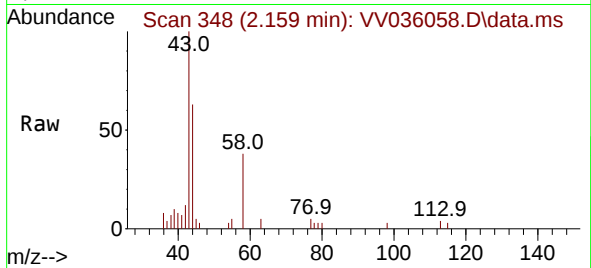
#13
Acetone
Concen: 9.298 ug/L m
RT: 2.159 min Scan# 34
Delta R.T. -0.003 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
58 10.6 0.0 24.2

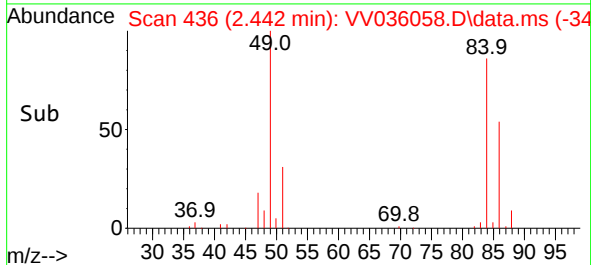
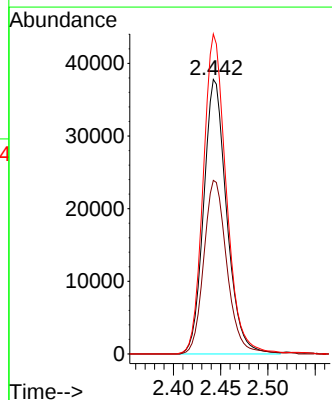
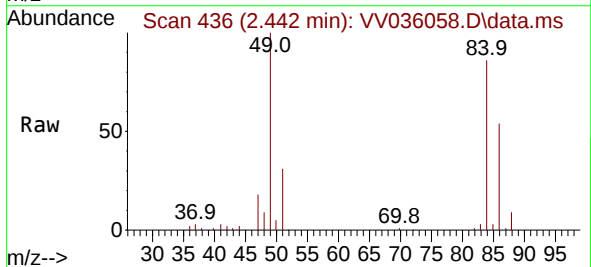
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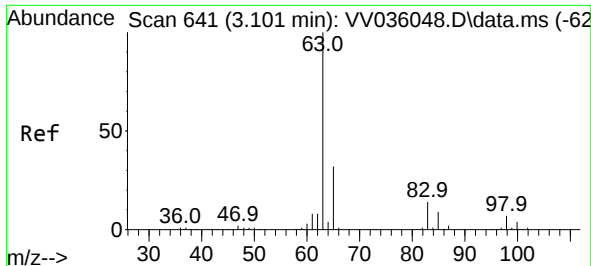
Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



#16
Methylene chloride
Concen: 8.082 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22

Tgt Ion: 84 Resp: 64059
Ion Ratio Lower Upper
84 100
86 63.2 44.6 82.8
49 116.6 81.1 150.5





#19

1,1-Dichloroethane

Concen: 0.652 ug/L

RT: 3.114 min Scan# 641

Delta R.T. 0.013 min

Lab File: VV036058.D

Acq: 13 Jun 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

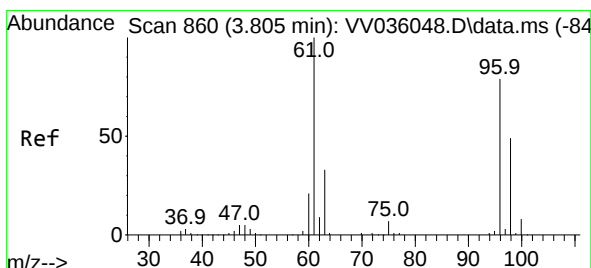
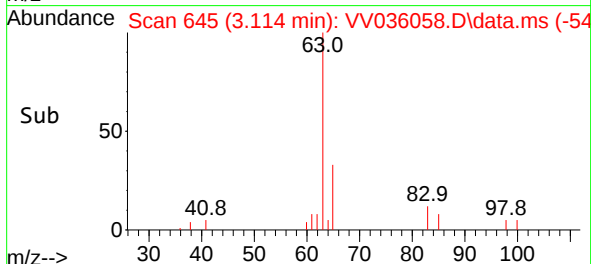
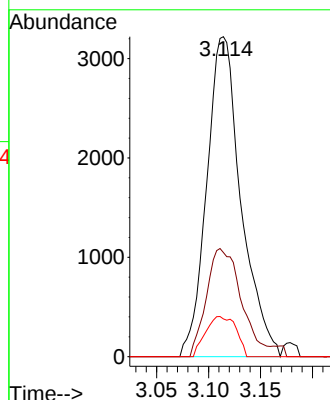
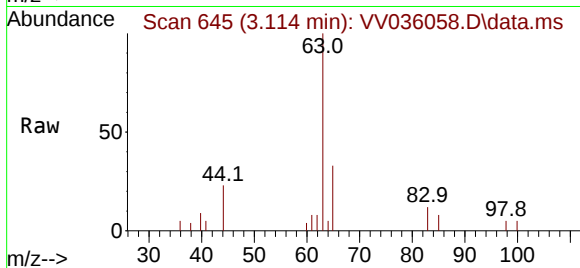
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Tgt Ion: 63	Resp: 7398
Ion Ratio	Lower Upper
63 100	
65 32.6	22.4 41.6
83 11.8	9.2 17.0

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#20

cis-1,2-Dichloroethene

Concen: 270.092 ug/L

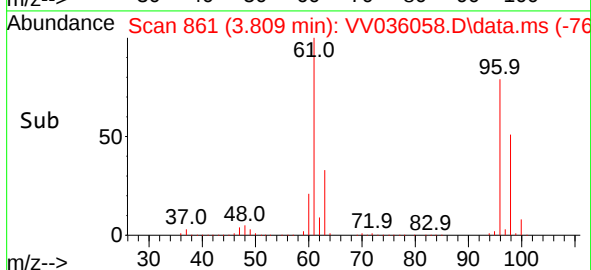
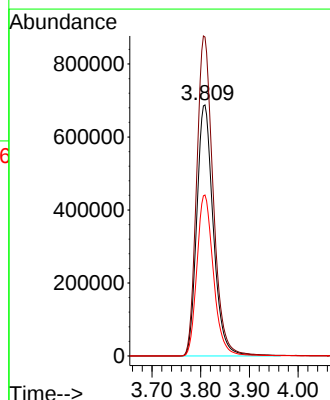
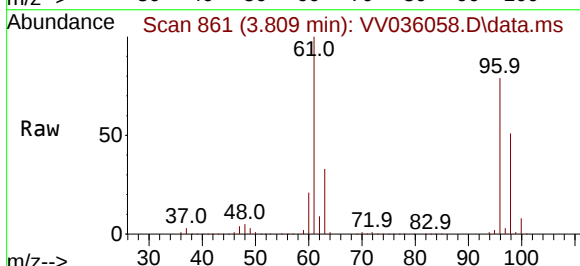
RT: 3.809 min Scan# 861

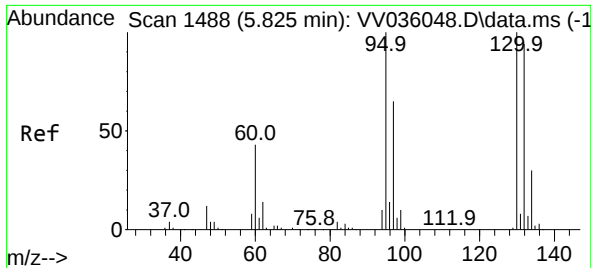
Delta R.T. 0.003 min

Lab File: VV036058.D

Acq: 13 Jun 2024 13:22

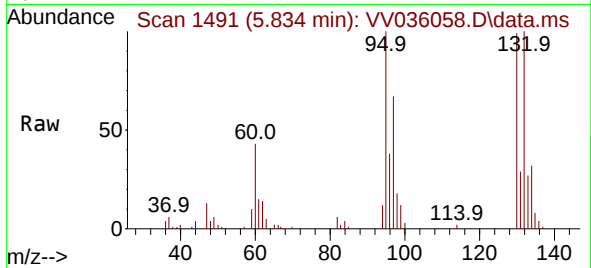
Tgt Ion: 96		Resp: 1617134	
Ion	Ratio	Lower	Upper
96	100		
61	127.0	87.9	163.3
98	64.2	44.4	82.5





#34
Trichloroethene
Concen: 3.913 ug/L
RT: 5.834 min Scan# 1488
Delta R.T. 0.010 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22

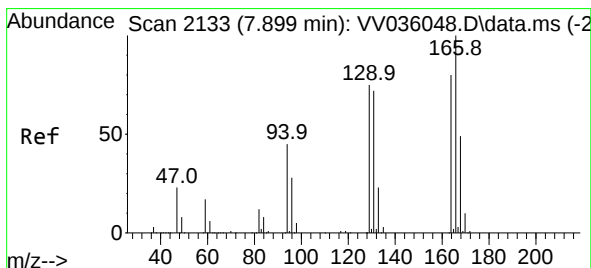
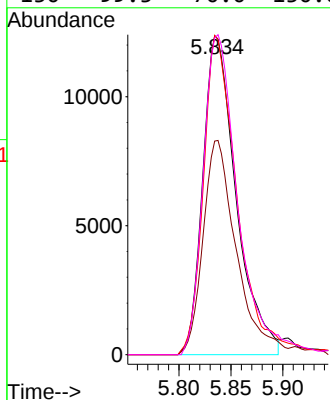
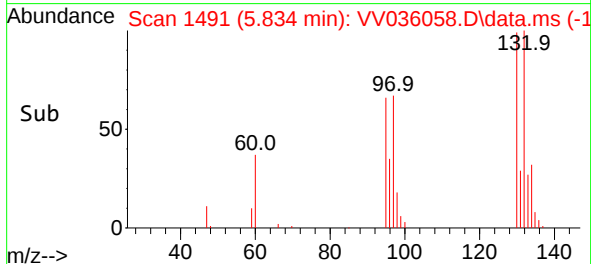
Instrument :
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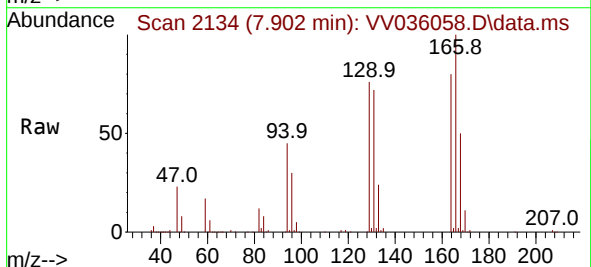
Tgt Ion: 95 Resp: 2758
Ion Ratio Lower Upper
95 100
97 67.0 44.8 83.2
132 100.0 66.8 124.2
130 99.3 70.0 130.0

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#46
Tetrachloroethene
Concen: 26.535 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22



Tgt Ion:164 Resp: 136788
Ion Ratio Lower Upper
164 100
129 94.4 64.6 120.0
131 89.7 63.2 117.4
166 124.3 89.5 166.3

