

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036031.D
 Acq On : 11 Jun 2024 13:29
 Operator : SY/MD
 Sample : P2798-01
 Misc : 5.01g/10.1mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB12

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:06:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	353808	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	361564	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	166616	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	119691	18.401	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.600%		
7) Chloroethane-d5	1.529	69	104304	20.110	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.440%		
11) 1,1-Dichloroethene-d2	2.053	65	55164	19.050	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.200%		
21) 2-Butanone-d5	3.847	46	74383m	49.840	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.680%		
24) Chloroform-d	4.239	84	234850	20.879	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.520%		
26) 1,2-Dichloroethane-d4	4.937	65	131539	22.304	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.200%		
32) Benzene-d6	4.950	84	449571	20.918	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.680%		
36) 1,2-Dichloropropane-d6	5.982	67	151740	22.420	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.680%		
41) Toluene-d8	7.239	98	376852	19.873	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.480%		
43) trans-1,3-Dichloroprop...	7.551	79	57950	20.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.520%		
47) 2-Hexanone-d5	8.030	63	42911	46.796	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.600%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	133101	26.317	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.280%		
66) 1,2-Dichlorobenzene-d4	11.557	152	148763	24.347	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.400%		
Target Compounds						
5) Vinyl chloride	1.278	62	16455	2.135	ug/L	91
13) Acetone	2.153	43	19874m	8.549	ug/L	
16) Methylene chloride	2.442	84	27083	3.383	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	95944	15.865	ug/L	99
34) Trichloroethene	5.834	95	7743m	1.068	ug/L	
46) Tetrachloroethene	7.908	164	3536	0.667	ug/L	87

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

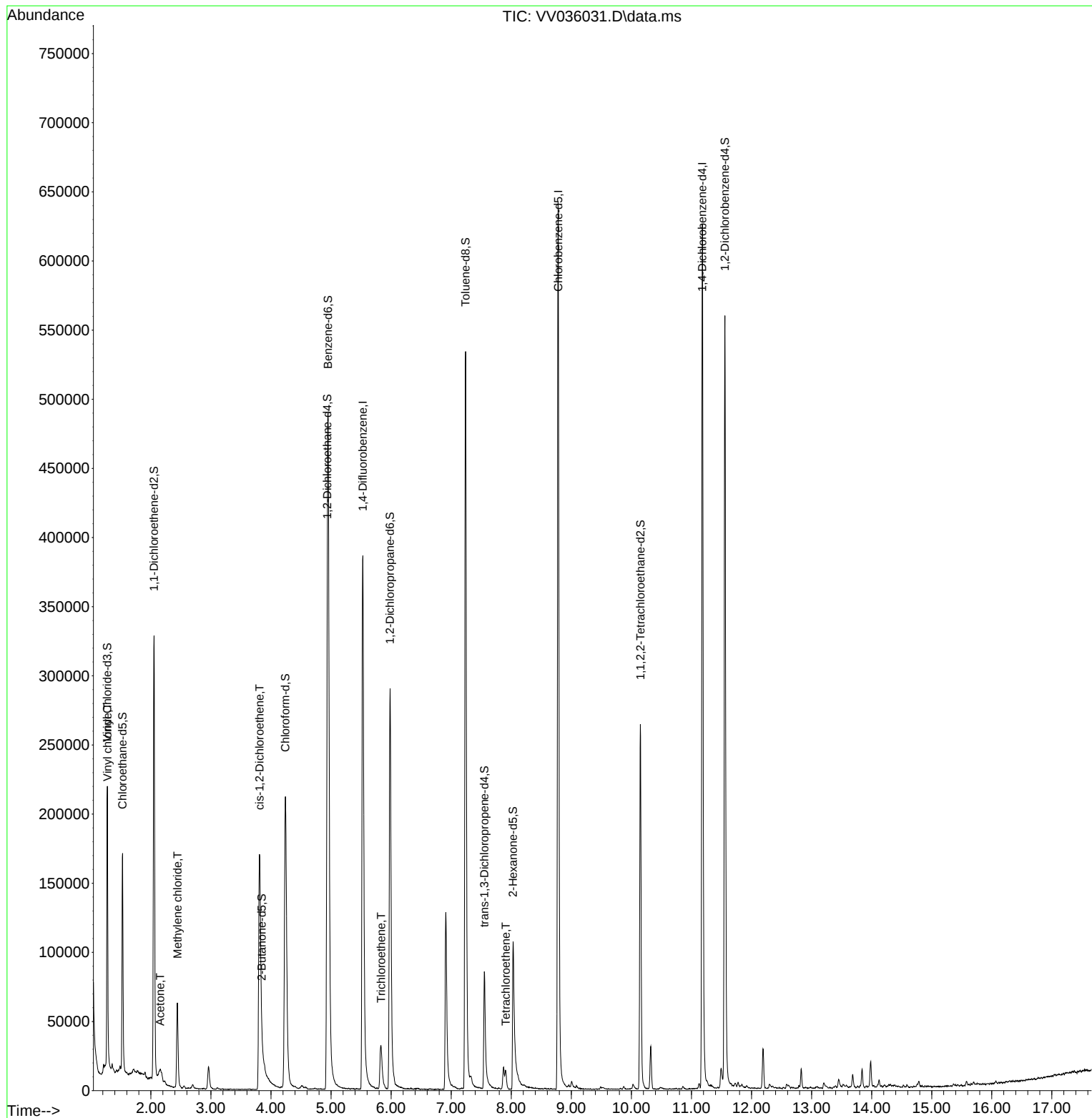
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036031.D
Acq On : 11 Jun 2024 13:29
Operator : SY/MD
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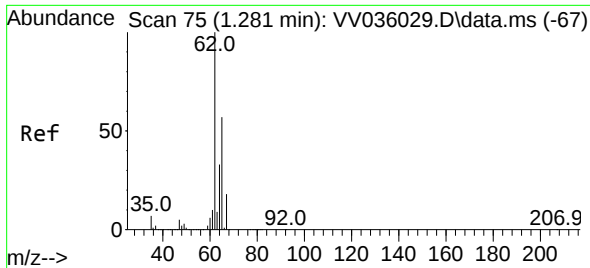
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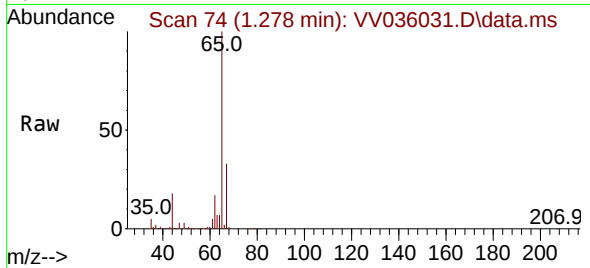
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 02:05:45 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 2.135 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036031.D
 Acq: 11 Jun 2024 13:29

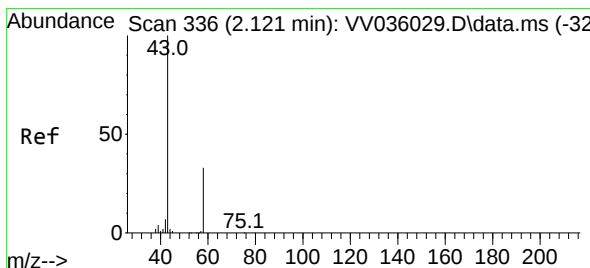
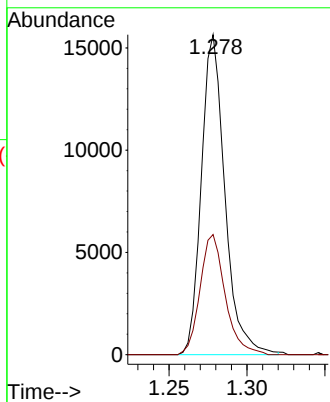
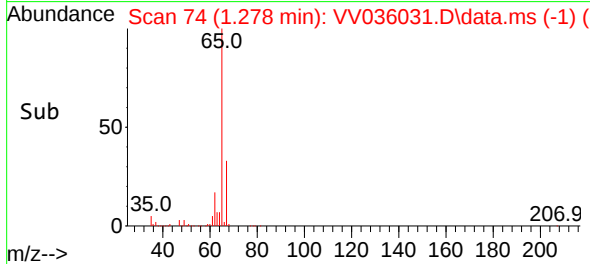
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Tgt Ion: 62 Resp: 1645
 Ion Ratio Lower Upper
 62 100
 64 37.6 22.9 42.5

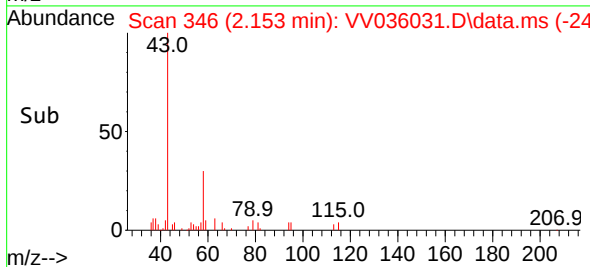
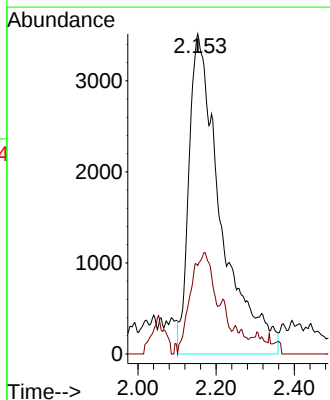
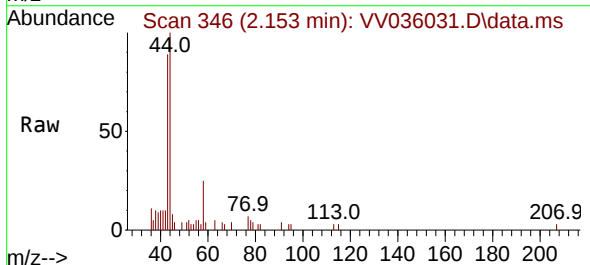
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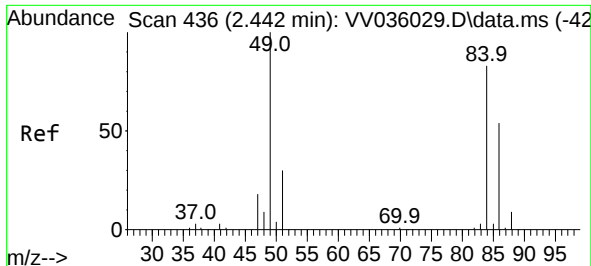
Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024



#13
 Acetone
 Concen: 8.549 ug/L m
 RT: 2.153 min Scan# 346
 Delta R.T. 0.032 min
 Lab File: VV036031.D
 Acq: 11 Jun 2024 13:29

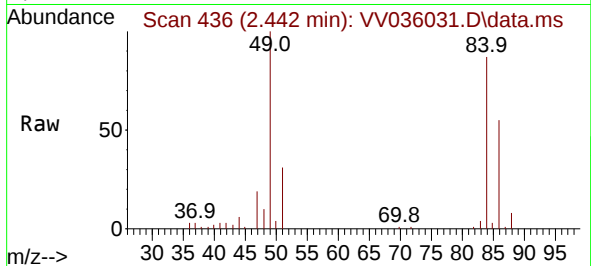
Tgt Ion: 43 Resp: 19874
 Ion Ratio Lower Upper
 43 100
 58 8.5 0.0 24.2





#16
Methylene chloride
Concen: 3.383 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036031.D
Acq: 11 Jun 2024 13:29

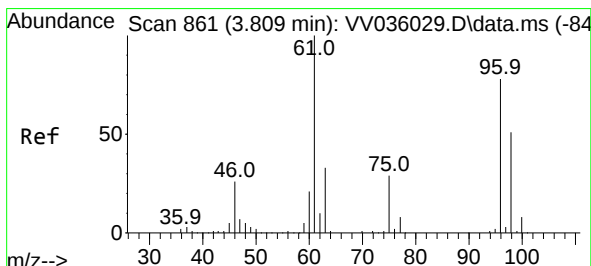
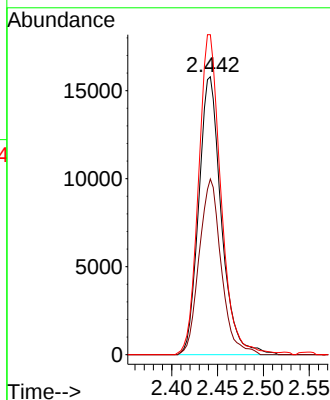
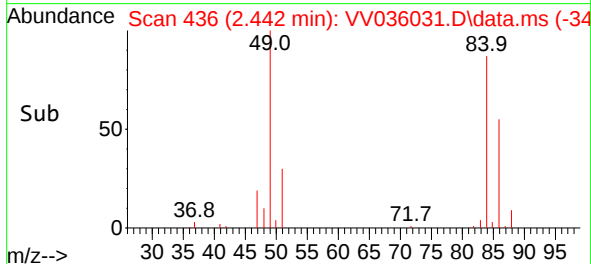
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Tgt Ion: 84 Resp: 27083
Ion Ratio Lower Upper
84 100
86 63.2 44.6 82.8
49 115.2 81.1 150.5

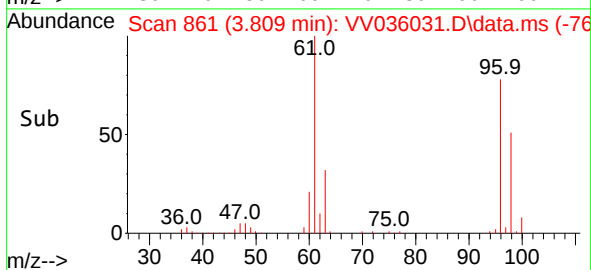
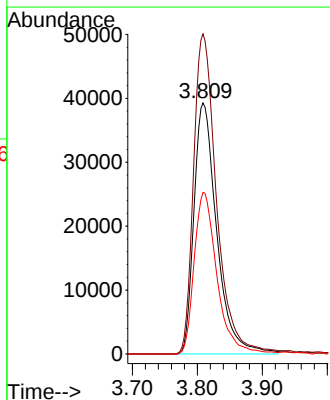
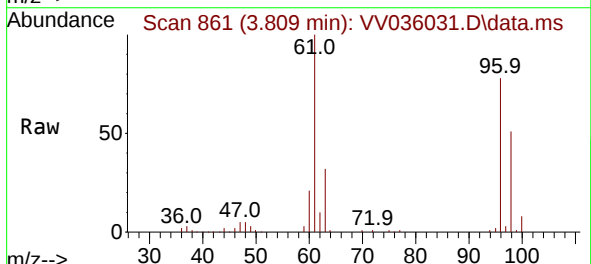
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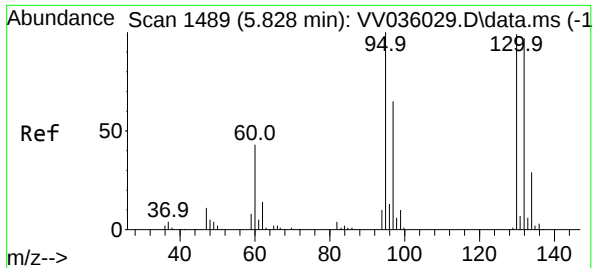
Reviewed By :Mahesh Dadoda 06/12/2024
Supervised By :Semsettin Yesilyurt 06/12/2024



#20
cis-1,2-Dichloroethene
Concen: 15.865 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036031.D
Acq: 11 Jun 2024 13:29

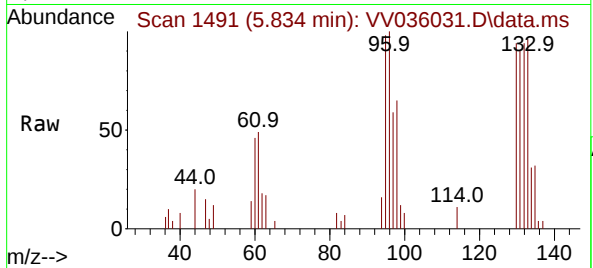
Tgt Ion: 96 Resp: 95944
Ion Ratio Lower Upper
96 100
61 127.5 87.9 163.3
98 64.4 44.4 82.5





#34
Trichloroethene
Concen: 1.068 ug/L m
RT: 5.834 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VV036031.D
Acq: 11 Jun 2024 13:29

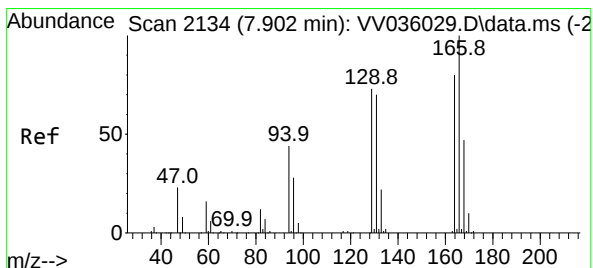
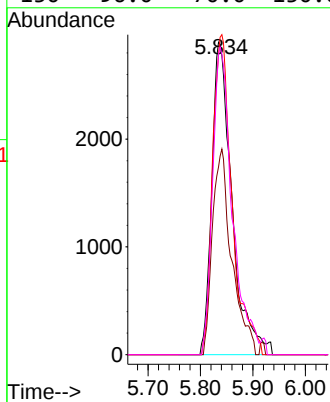
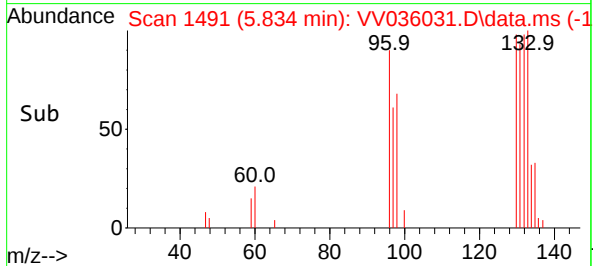
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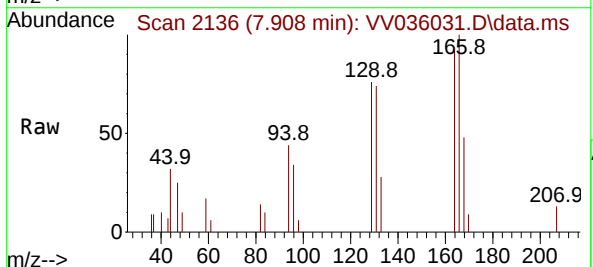
Tgt Ion: 95 Resp: 774
Ion Ratio Lower Upper
95 100
97 60.1 44.8 83.2
132 96.0 66.8 124.2
130 96.0 70.0 130.0

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#46
Tetrachloroethene
Concen: 0.667 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036031.D
Acq: 11 Jun 2024 13:29



Tgt Ion:164 Resp: 3536
Ion Ratio Lower Upper
164 100
129 82.6 64.6 120.0
131 79.9 63.2 117.4
166 108.3 89.5 166.3

