

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037572.D
 Acq On : 27 Sep 2024 00:48
 Operator : SY/MD
 Sample : P4184-18
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY044

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 27 03:40:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	664545	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	630233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	306348	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252299	43.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.500%		
7) Chloroethane-d5	1.532	69	200474	44.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.540%		
11) 1,1-Dichloroethene-d2	2.060	65	108378	44.468	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.940%		
21) 2-Butanone-d5	3.793	46	190296	91.584	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.580%		
24) Chloroform-d	4.243	84	450344	43.391	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.780%		
26) 1,2-Dichloroethane-d4	4.937	65	269764	44.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.820%		
32) Benzene-d6	4.953	84	898120	45.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
36) 1,2-Dichloropropane-d6	5.982	67	286126	45.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.120%		
41) Toluene-d8	7.236	98	801223	44.805	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.600%		
43) trans-1,3-Dichloroprop...	7.551	79	122104	41.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.720%		
47) 2-Hexanone-d5	8.024	63	116588	87.922	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.920%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	319651	43.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.620%		
66) 1,2-Dichlorobenzene-d4	11.554	152	300128	46.493	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.980%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.069	96	54644m	12.351	ug/L	
13) Acetone	2.114	43	38852	19.074	ug/L	100
19) 1,1-Dichloroethane	3.105	63	170282	18.989	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	94725	18.086	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	2162404	278.583	ug/L	100
34) Trichloroethene	5.828	95	186456	36.836	ug/L	99
46) Tetrachloroethene	7.899	164	408871	105.648	ug/L	99

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

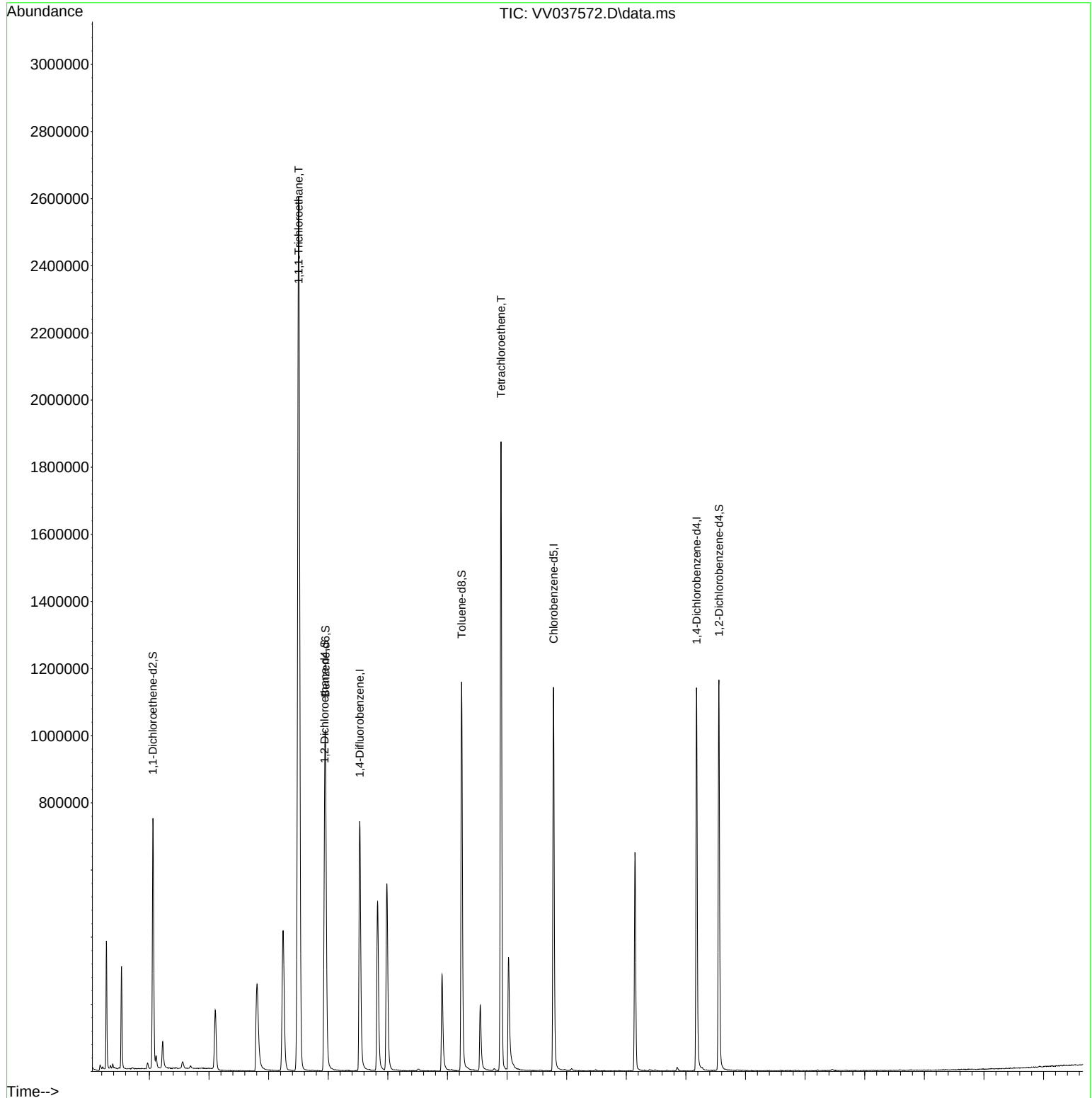
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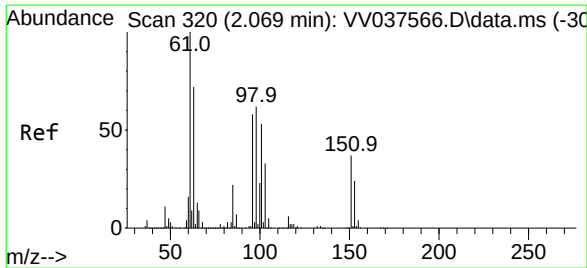
Instrument :
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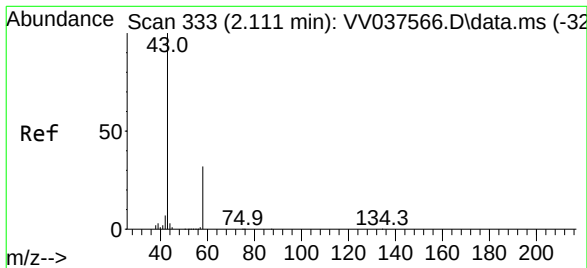
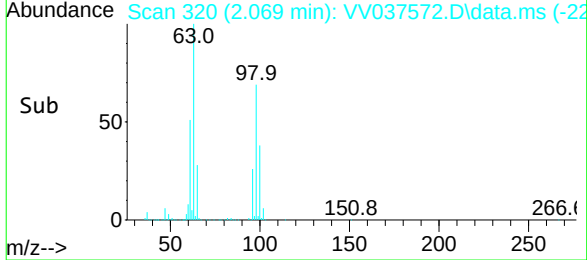
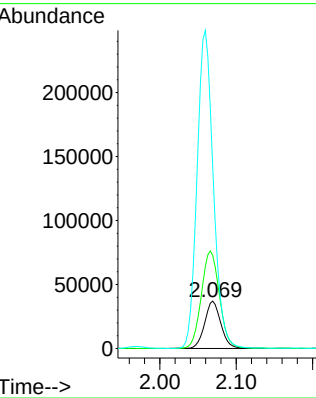
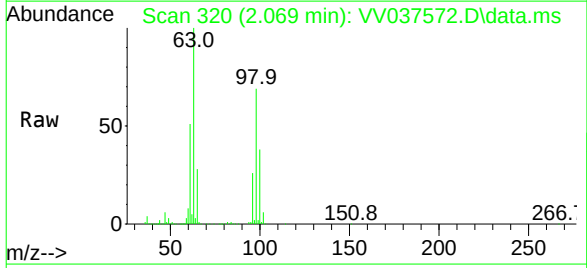
#12
1,1-Dichloroethene
Concen: 12.351 ug/L m
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
96	100		
61	196.8	122.6	227.6
63	382.9	118.0	219.2

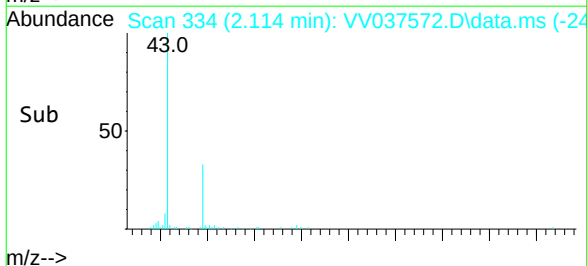
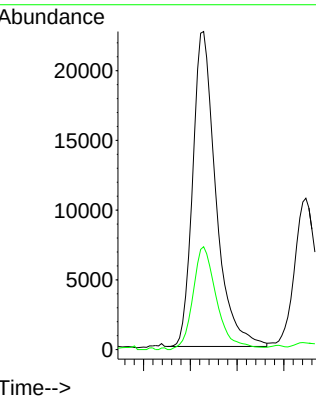
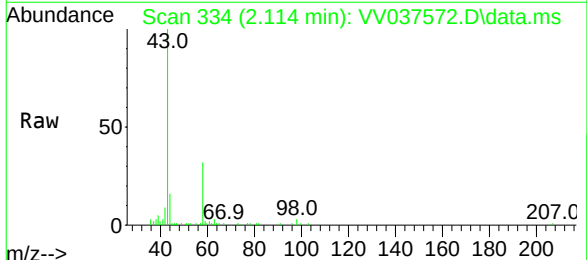
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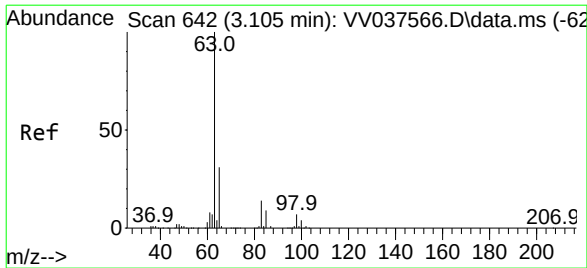
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#13
Acetone
Concen: 19.074 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48

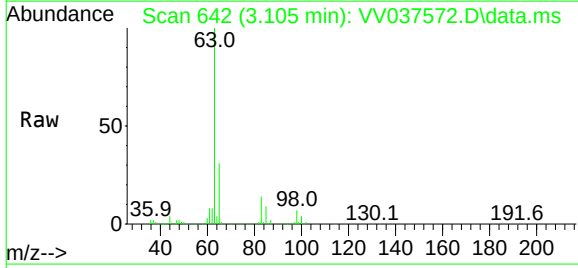
Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	66.6





#19
1,1-Dichloroethane
Concen: 18.989 ug/L
RT: 3.105 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48

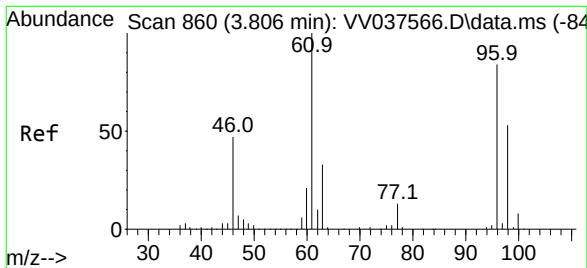
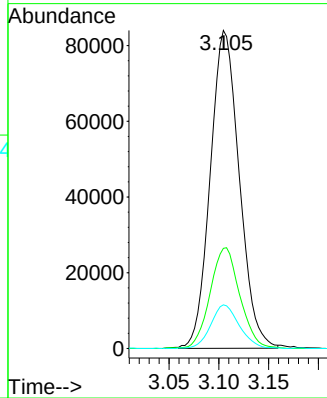
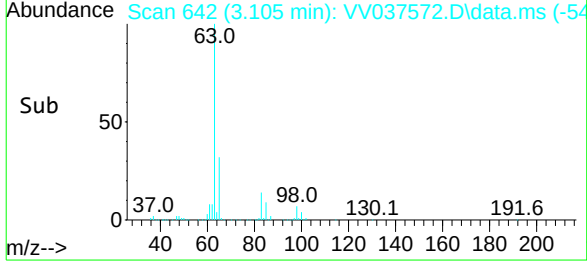
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Tgt Ion: 63 Resp: 170282
Ion Ratio Lower Upper
63 100
65 31.5 22.4 41.6
83 13.7 9.5 17.7

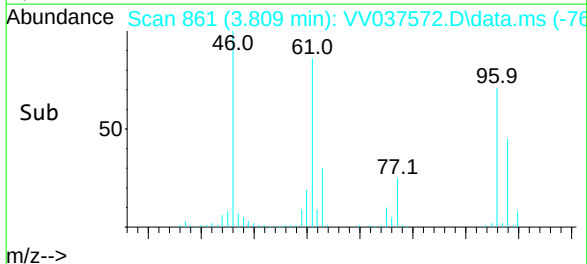
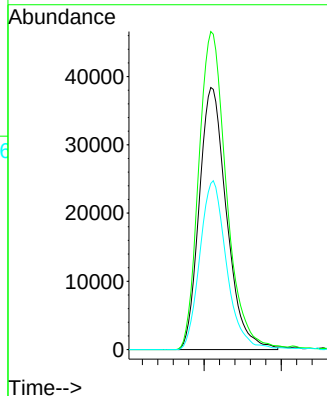
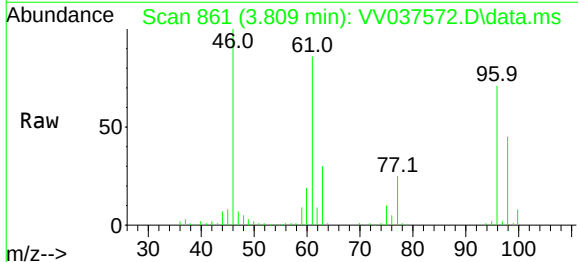
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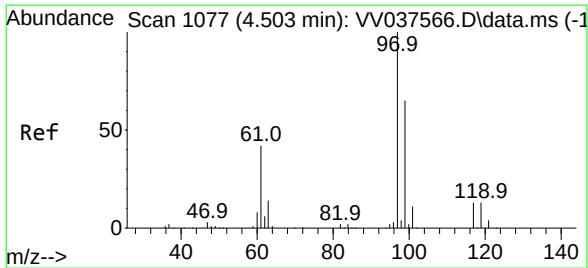
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Supervised By :Mahesh Dadoda 09/30/2024



#20
cis-1,2-Dichloroethene
Concen: 18.086 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48

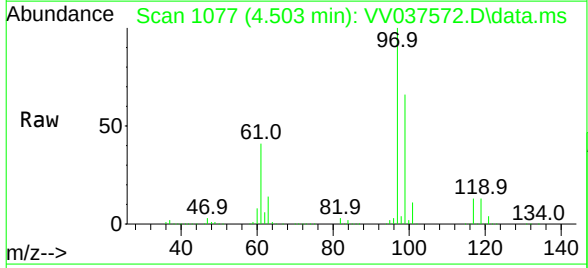
Tgt Ion: 96 Resp: 94725
Ion Ratio Lower Upper
96 100
61 121.4 85.0 157.8
98 63.4 44.2 82.0





#30
1,1,1-Trichloroethane
Concen: 278.583 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48

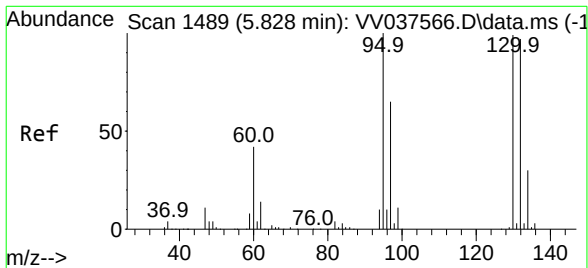
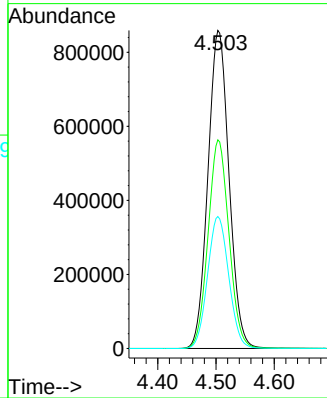
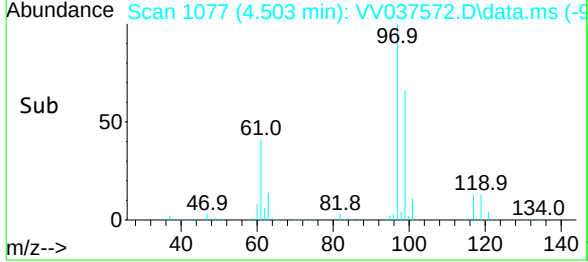
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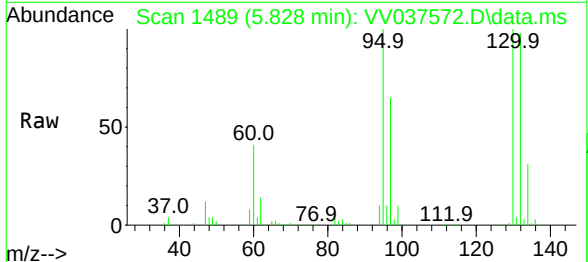
Tgt Ion: 97 Resp: 2162404
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 41.8 33.6 50.4

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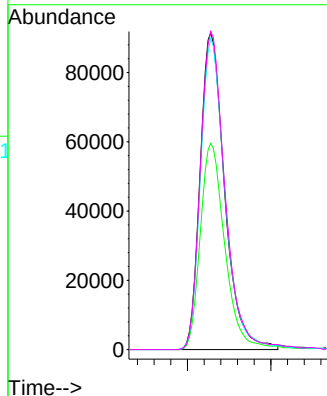
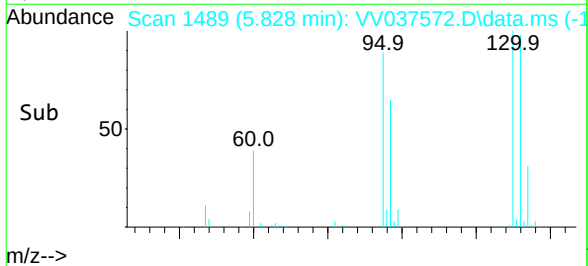
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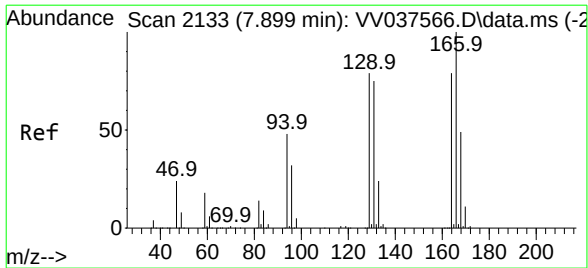


#34
Trichloroethene
Concen: 36.836 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48



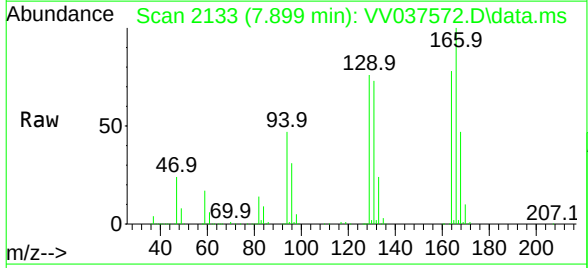
Tgt Ion: 95 Resp: 186456
Ion Ratio Lower Upper
95 100
97 65.0 46.3 85.9
132 98.2 68.6 127.4
130 100.4 70.9 131.7





#46
Tetrachloroethene
Concen: 105.648 ug/L
RT: 7.899 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037572.D
Acq: 27 Sep 2024 00:48

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ClientSampleId :
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Tgt Ion:	164	Resp:	408871
Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.2	126.6
131	93.8	66.1	122.8
166	128.3	91.1	169.1

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