

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036656.D
 Acq On : 23 Jul 2024 18:58
 Operator : SY/MD
 Sample : P3276-14
 Misc : 9.30g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J3

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/24/2024
 Supervised By :Mahesh Dadoda 07/25/2024

Quant Time: Jul 24 01:03:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	259411	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	179516	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	31974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	36903	12.989	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.960%		
7) Chloroethane-d5	1.526	69	41367	16.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.480%		
11) 1,1-Dichloroethene-d2	2.050	65	17332	11.537	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.160%		
21) 2-Butanone-d5	3.831	46	35904	54.148	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.300%		
24) Chloroform-d	4.246	84	128028	18.661	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.640%		
26) 1,2-Dichloroethane-d4	4.941	65	73856	21.821	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.280%		
32) Benzene-d6	4.957	84	178120	20.935	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.760%		
36) 1,2-Dichloropropane-d6	5.995	67	60676	25.029	ug/L	0.01
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	7.246	98	110134	13.564	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	54.240%		
43) trans-1,3-Dichloroprop...	7.561	79	23654	21.949	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.800%		
47) 2-Hexanone-d5	8.037	63	21158	65.581	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	131.160%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	66938	31.680	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	126.720%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	25921	23.223	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.880%		
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	9716	2.321	ug/L	94
12) 1,1-Dichloroethene	2.060	96	51145	12.780	ug/L	92
17) trans-1,2-Dichloroethene	2.690	96	10269	2.541	ug/L	95
20) cis-1,2-Dichloroethene	3.809	96	261973	62.067	ug/L	99
34) Trichloroethene	5.834	95	36912809m	11064.154	ug/L	
46) Tetrachloroethene	7.902	164	134063	40.495	ug/L	99

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

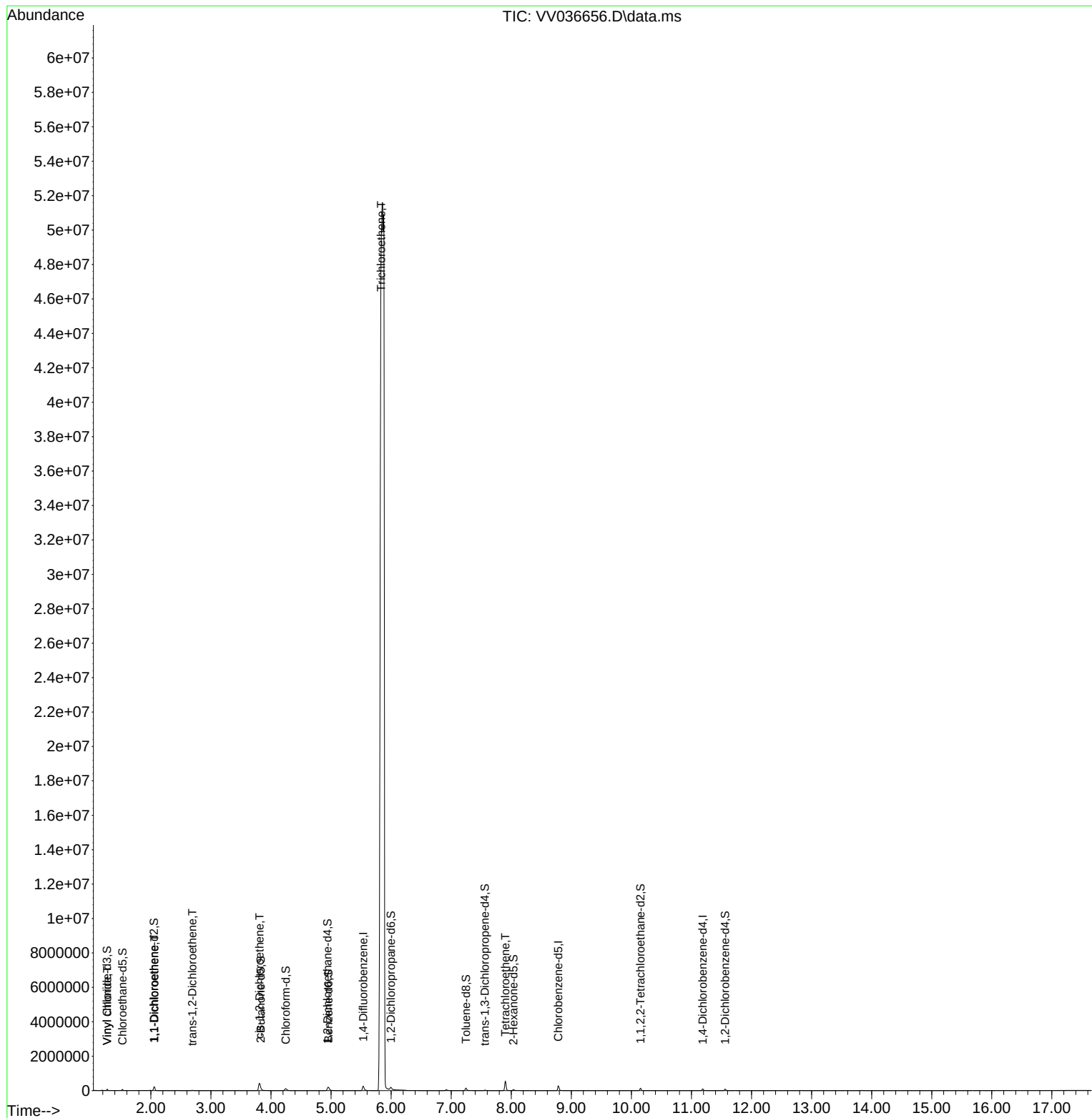
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036656.D
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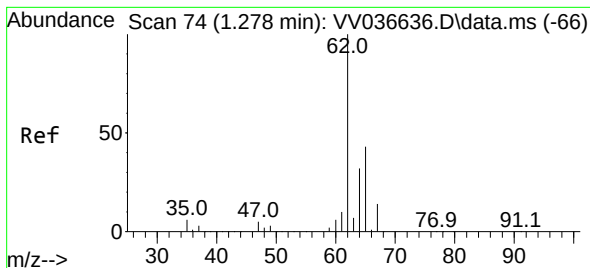
Instrument :
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Quant Title : VOC Analysis
QLast Update : Wed Jul 24 00:57:38 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.321 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036656.D

Acq: 23 Jul 2024 18:58

Instrument :

MSVOA_V

ClientSampleId :

E20J3

Tgt Ion: 62 Resp: 9710

Ion Ratio Lower Upper

62 100

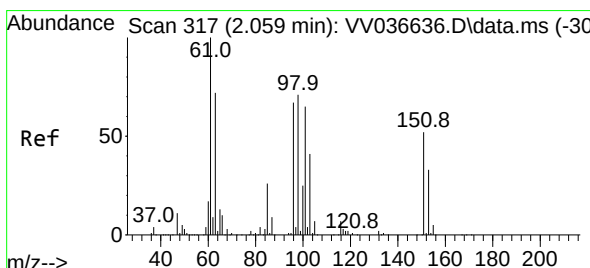
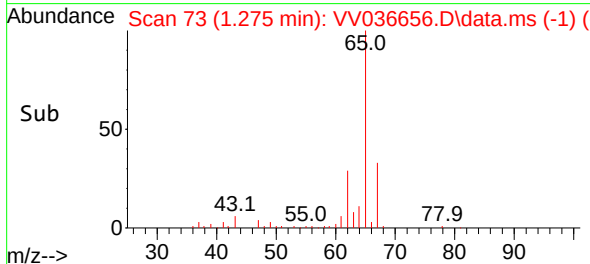
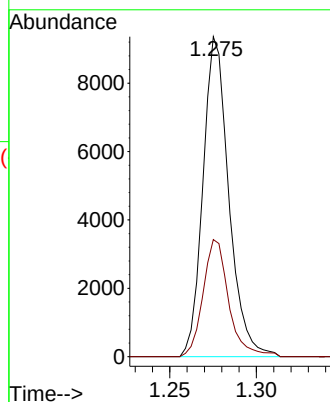
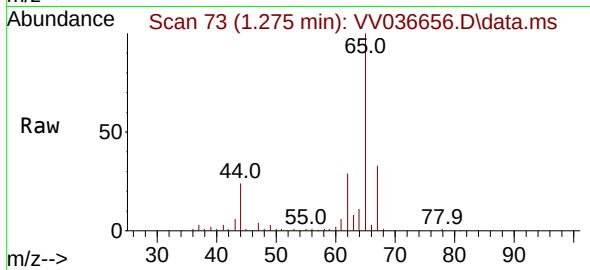
64 36.6 23.1 42.9

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#12

1,1-Dichloroethene

Concen: 12.780 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036656.D

Acq: 23 Jul 2024 18:58

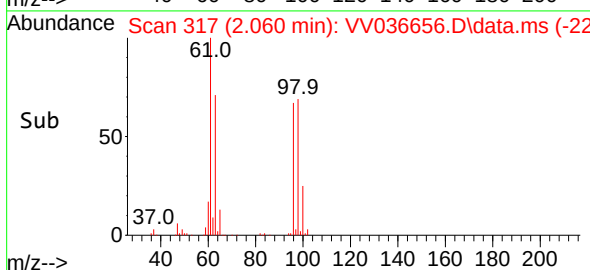
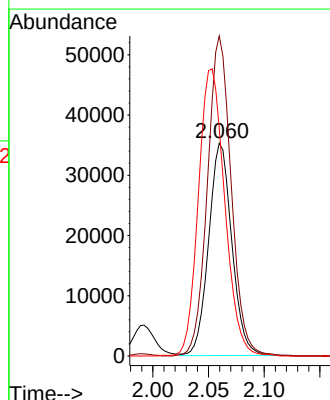
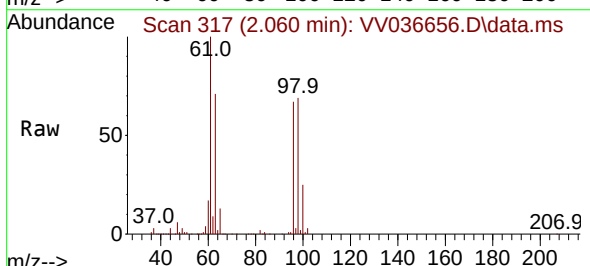
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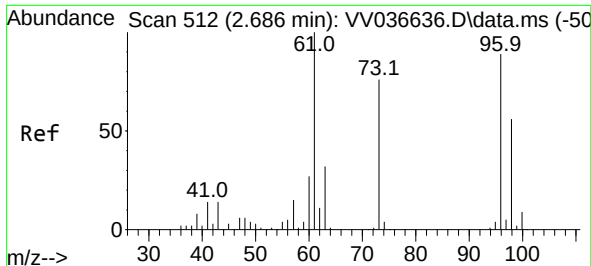
Ion Ratio Lower Upper

96 100

61 150.3 102.3 189.9

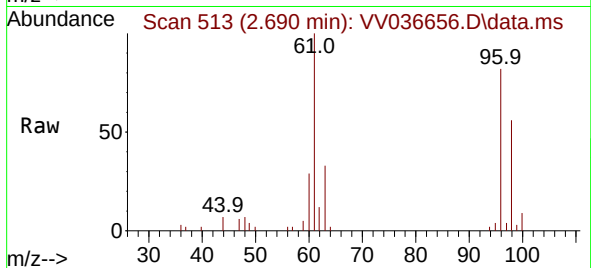
63 107.0 64.1 119.1





#17
trans-1,2-Dichloroethene
Concen: 2.541 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036656.D
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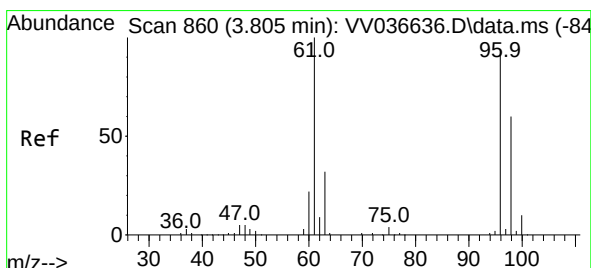
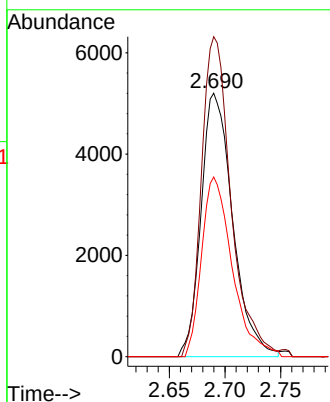
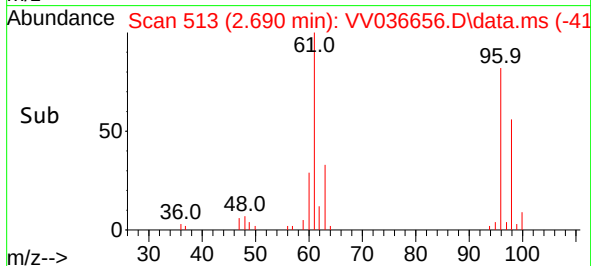
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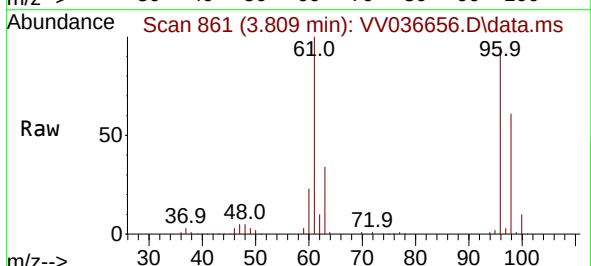
Tgt Ion: 96 Resp: 10269
Ion Ratio Lower Upper
96 100
61 121.4 81.5 151.5
98 68.1 44.3 82.3

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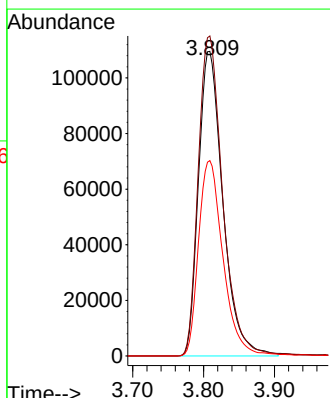
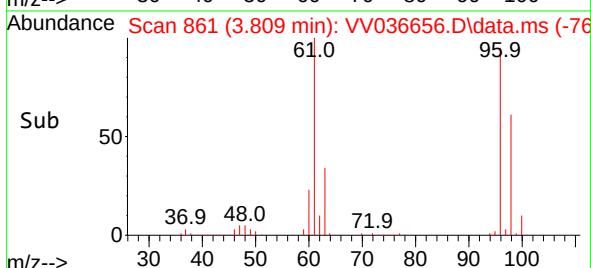
Reviewed By :Romaben Patel 07/24/2024
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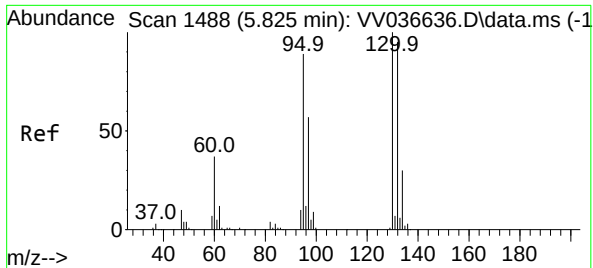


#20
cis-1,2-Dichloroethene
Concen: 62.067 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036656.D
Acq: 23 Jul 2024 18:58



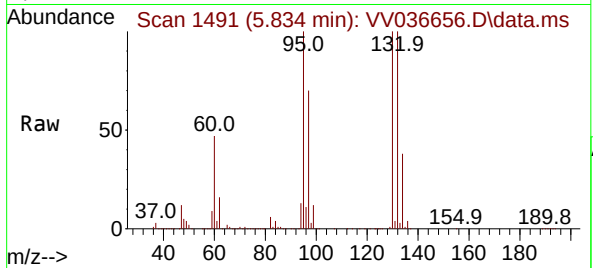
Tgt Ion: 96 Resp: 261973
Ion Ratio Lower Upper
96 100
61 105.1 73.0 135.6
98 64.1 44.8 83.2





#34
Trichloroethene
Concen: 11064.154 ug/L m
RT: 5.834 min Scan# 1488
Delta R.T. 0.010 min
Lab File: VV036656.D
Acq: 23 Jul 2024 18:58

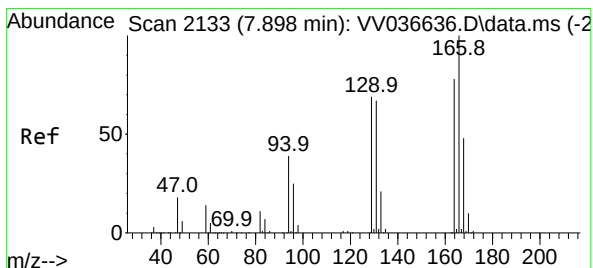
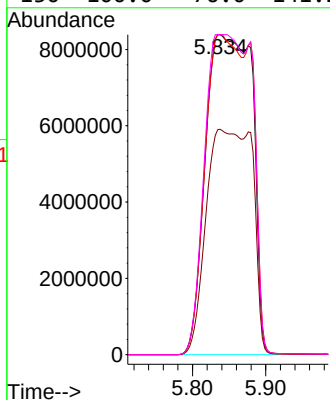
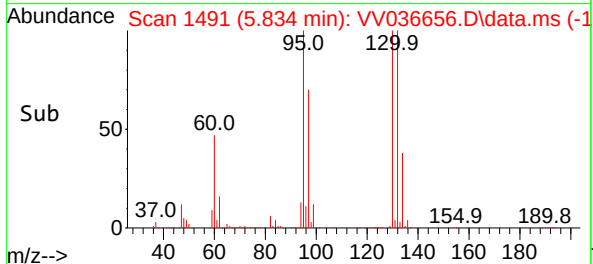
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Tgt Ion: 95 Resp: 36912809
Ion Ratio Lower Upper
95 100
97 70.3 45.1 83.7
132 100.0 72.7 134.9
130 100.0 76.0 141.2

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#46
Tetrachloroethene
Concen: 40.495 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036656.D
Acq: 23 Jul 2024 18:58

Tgt Ion: 164 Resp: 134063
Ion Ratio Lower Upper
164 100
129 86.1 61.0 113.2
131 84.7 60.1 111.5
166 128.6 89.7 166.7

