

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110222\
 Data File : VW025010.D
 Acq On : 02 Nov 2022 16:17
 Operator : SY/VA
 Sample : N5421-02RE
 Misc : 5.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C1114RE

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 06:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 23:51:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156958	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	83240	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13912	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42497	24.122	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.480%		
7) Chloroethane-d5	2.885	69	28290	27.412	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.640%		
11) 1,1-Dichloroethene-d2	4.013	63	97335	22.180	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.720%		
21) 2-Butanone-d5	7.074	46	40856	68.713	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.420%#		
24) Chloroform-d	7.647	84	177242	37.209	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	148.840%		
26) 1,2-Dichloroethane-d4	8.305	65	98556m	36.962	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	147.840%#		
32) Benzene-d6	8.275	84	226680	42.486	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	169.960%#		
36) 1,2-Dichloropropane-d6	9.274	67	96314	61.609	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	246.440%#		
41) Toluene-d8	10.323	98	165118	33.242	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	132.960%#		
43) trans-1,3-Dichloroprop...	10.579	79	31343	45.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	180.880%#		
47) 2-Hexanone-d5	10.921	63	29341	108.651	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	217.300%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	74353	59.567	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	238.280%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	14072	26.321	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.280%		
Target Compounds						Qvalue
16) Methylene chloride	4.915	84	15608	5.601	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	6329	2.785	ug/L	100
34) Trichloroethene	9.092	95	316882	238.803	ug/L	98
46) Tetrachloroethene	10.866	164	7321	7.715	ug/L	94

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

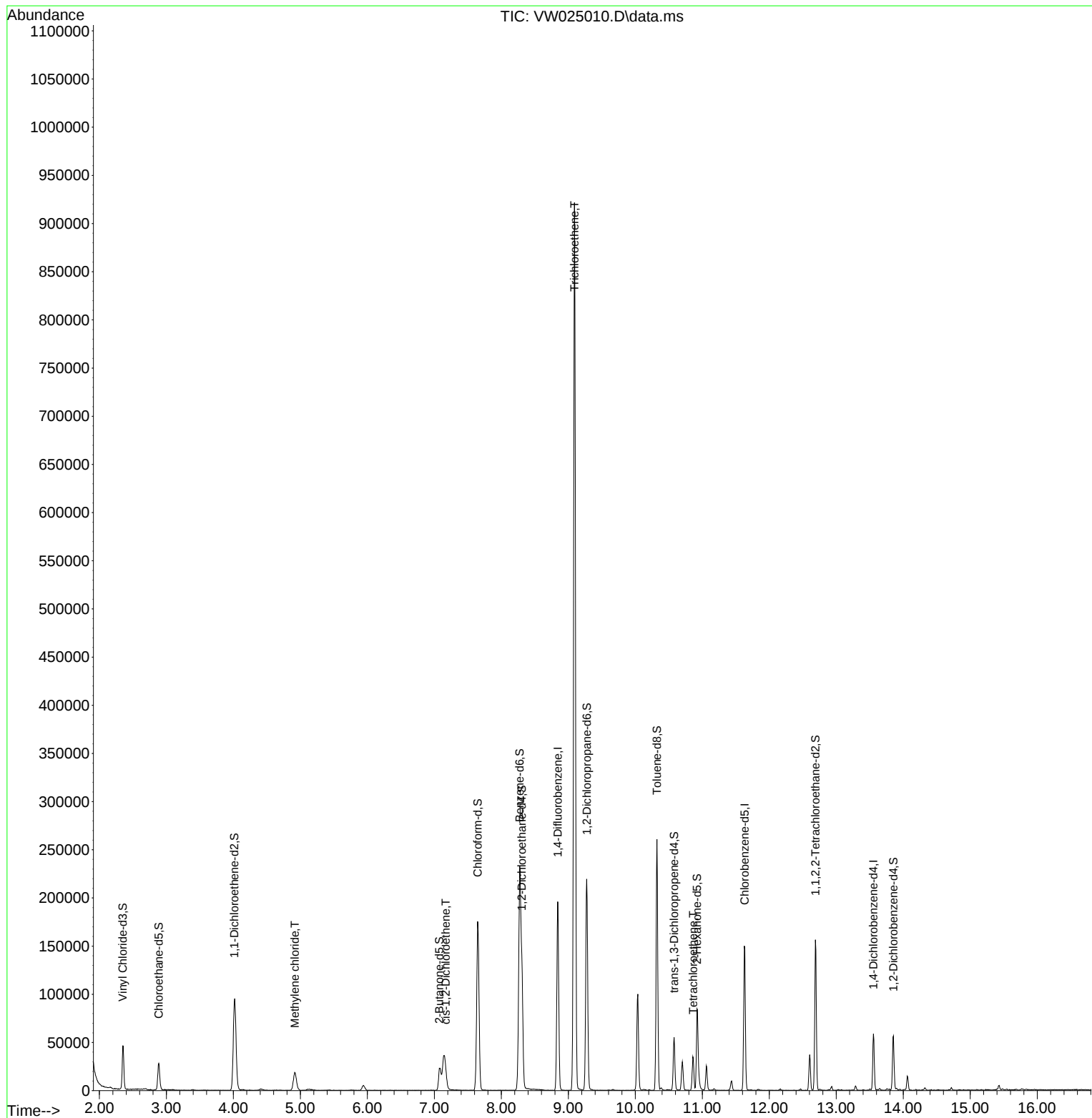
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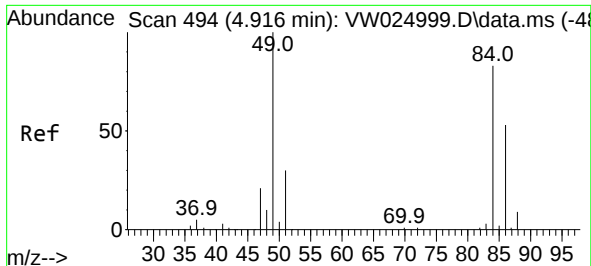
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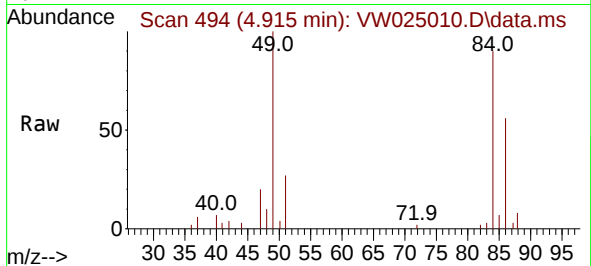
Quant Time: Nov 03 06:30:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 23:51:01 2022
Response via : Initial Calibration





#16
Methylene chloride
Concen: 5.601 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025010.D
Acq: 02 Nov 2022 16:17

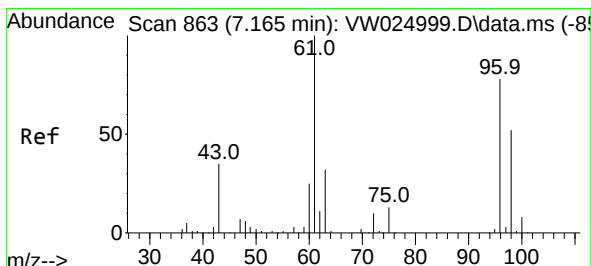
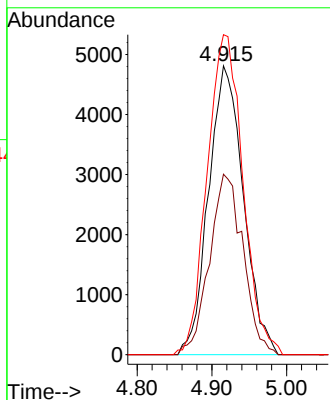
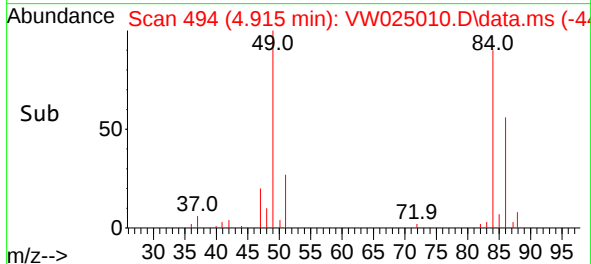
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Tgt Ion: 84 Resp: 15608
Ion Ratio Lower Upper
84 100
86 62.5 42.6 79.0
49 110.8 81.9 152.1

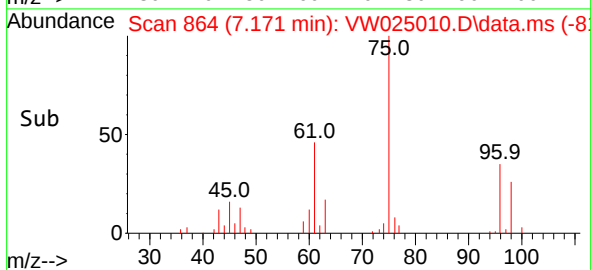
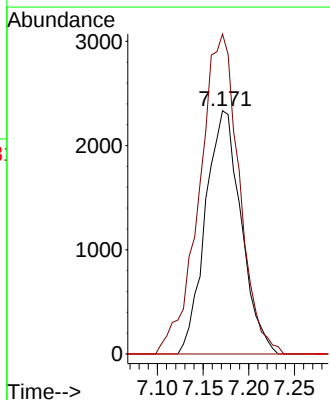
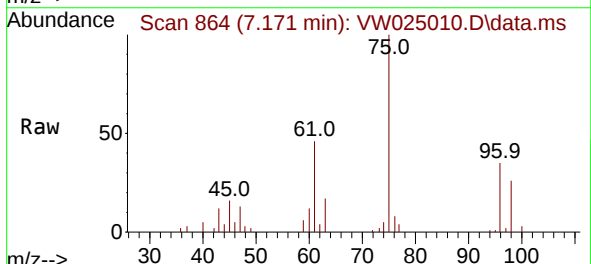
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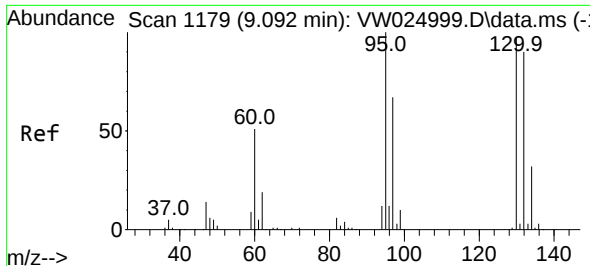
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#20
cis-1,2-Dichloroethene
Concen: 2.785 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025010.D
Acq: 02 Nov 2022 16:17

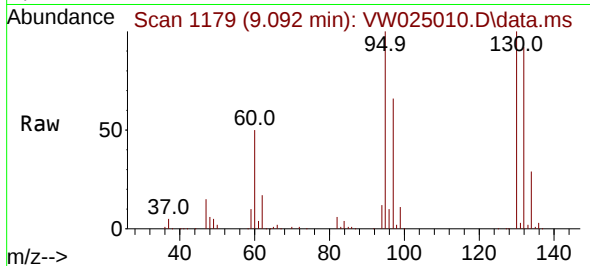
Tgt Ion: 96 Resp: 6329
Ion Ratio Lower Upper
96 100
61 131.6 91.8 170.6
68 0.0 0.0 0.0





#34
Trichloroethene
Concen: 238.803 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025010.D
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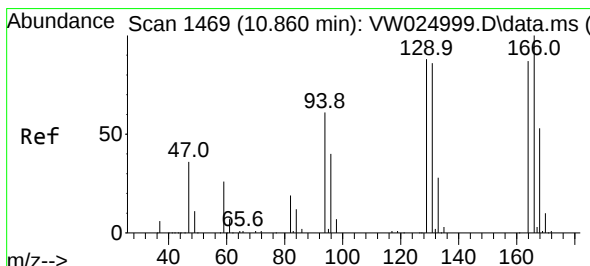
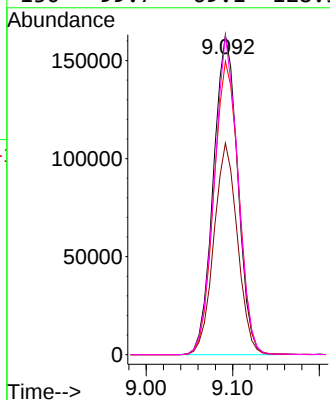
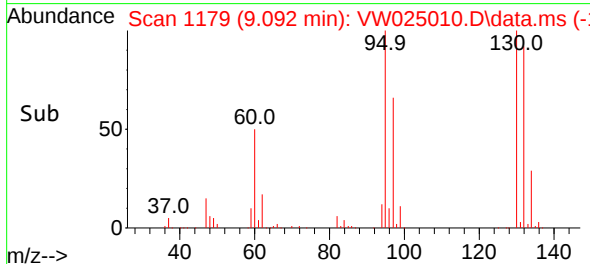
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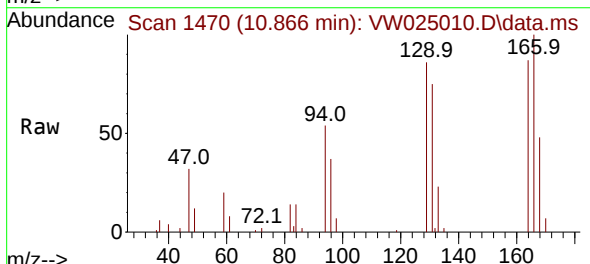
Tgt Ion: 95 Resp: 31688
Ion Ratio Lower Upper
95 100
97 66.1 44.7 83.1
132 91.7 62.6 116.2
130 99.7 69.1 128.3

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#46
Tetrachloroethene
Concen: 7.715 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW025010.D
Acq: 02 Nov 2022 16:17



Tgt Ion:164 Resp: 7321
Ion Ratio Lower Upper
164 100
129 98.3 72.9 135.5
131 86.7 70.1 130.3
166 114.9 80.2 148.9

