

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024546.D
 Acq On : 02 Sep 2022 20:23
 Operator : SY/VA
 Sample : N4363-16RE
 Misc : 5.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVX0RE

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/05/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 00:06:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	265119	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	261914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	117881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	92128	17.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.640%
7) Chloroethane-d5	2.873	69	77392	19.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.560%
11) 1,1-Dichloroethene-d2	4.001	63	55437m	8.898	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.600%#
21) 2-Butanone-d5	7.074	46	74056	88.751	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.500%#
24) Chloroform-d	7.641	84	167497	23.726	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	8.305	65	105757	27.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.960%
32) Benzene-d6	8.269	84	249831	18.286	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.160%
36) 1,2-Dichloropropane-d6	9.268	67	95094	23.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	10.323	98	193160	14.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.400%
43) trans-1,3-Dichloroprop...	10.579	79	38172	21.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.560%
47) 2-Hexanone-d5	10.921	63	54765	79.975	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.940%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119835	32.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.880%#
66) 1,2-Dichlorobenzene-d4	13.853	152	105134	27.263	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.040%
Target Compounds						Qvalue
16) Methylene chloride	4.909	84	21553	5.743	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	119438	30.285	ug/L	94
34) Trichloroethene	9.092	95	19722	4.771	ug/L	98
46) Tetrachloroethene	10.860	164	2569732	850.573	ug/L	96

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

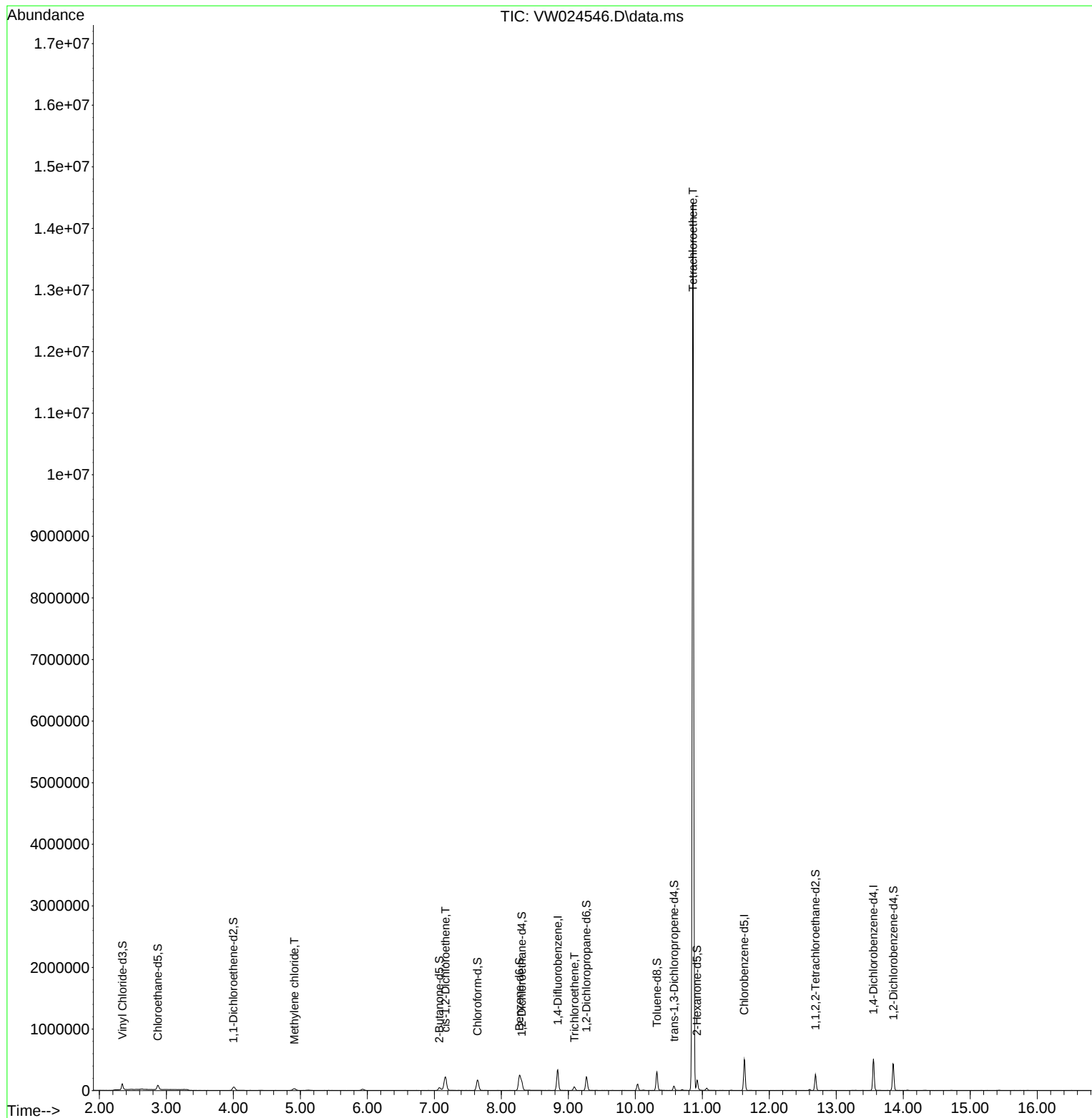
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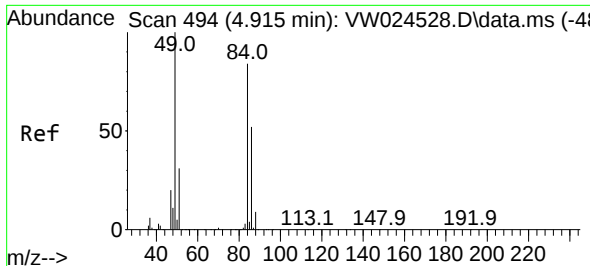
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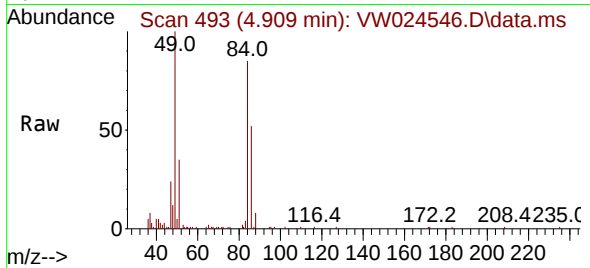
Quant Time: Sep 03 00:06:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 02 23:58:31 2022
Response via : Initial Calibration





#16
Methylene chloride
Concen: 5.743 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024546.D
Acq: 02 Sep 2022 20:23

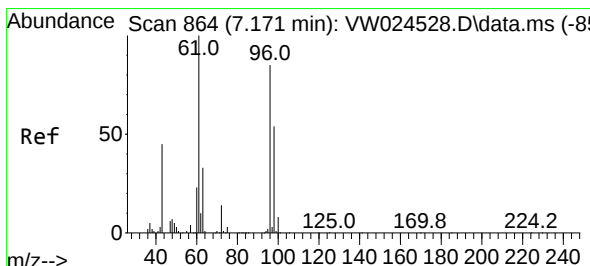
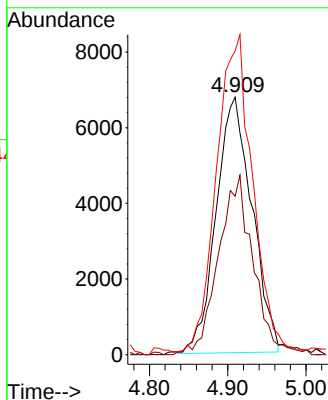
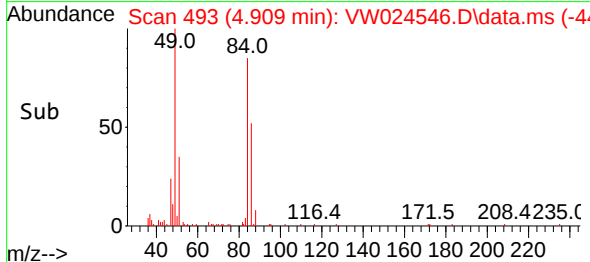
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ClientSampleId :
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Tgt Ion: 84 Resp: 2155
Ion Ratio Lower Upper
84 100
86 61.5 42.1 78.1
49 117.9 85.5 158.9

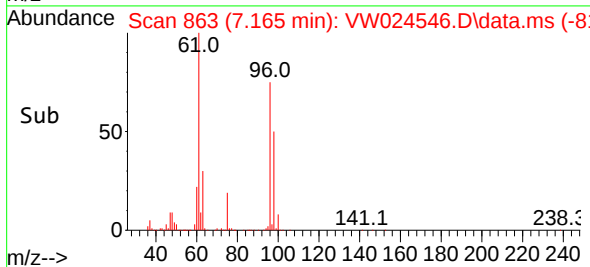
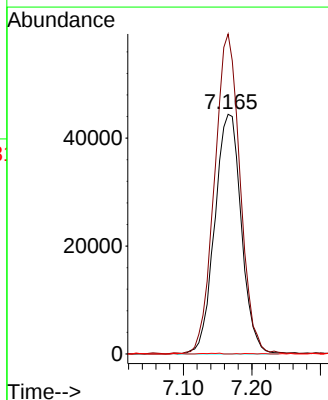
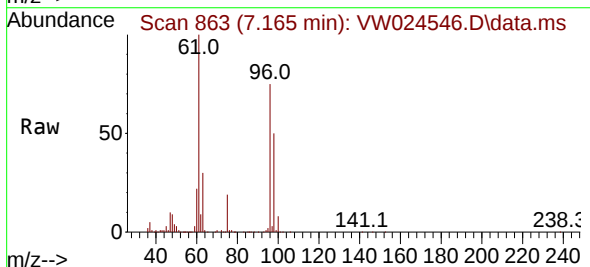
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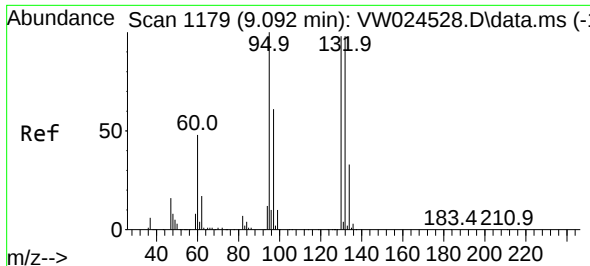
Reviewed By :Semsettin Yesilyurt 09/05/2022
Supervised By :Mahesh Dadoda 09/06/2022



#20
cis-1,2-Dichloroethene
Concen: 30.285 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024546.D
Acq: 02 Sep 2022 20:23

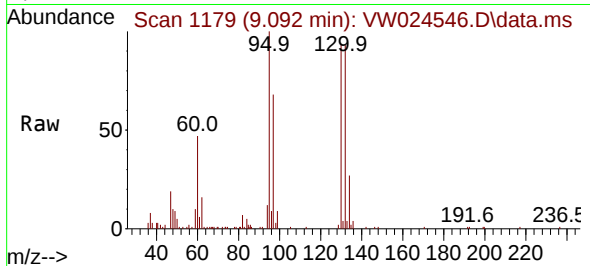
Tgt Ion: 96 Resp: 119438
Ion Ratio Lower Upper
96 100
61 133.5 88.9 165.1
68 0.0 0.0 0.0





#34
Trichloroethene
Concen: 4.771 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024546.D
Acq: 02 Sep 2022 20:23

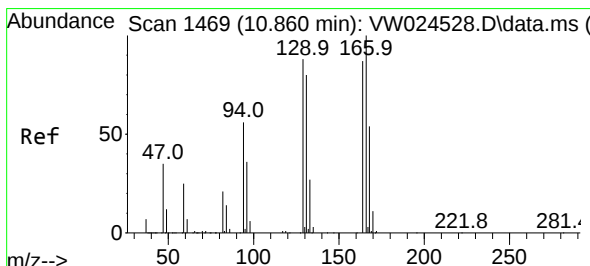
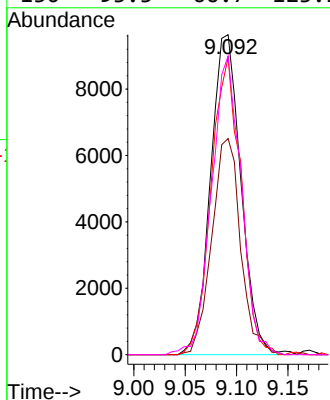
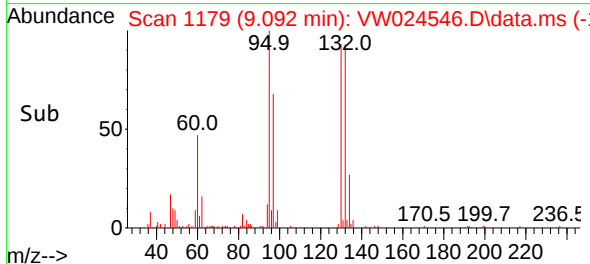
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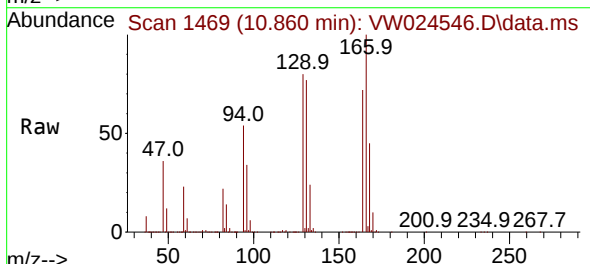
Tgt Ion:	95	Resp:	1972
Ion	Ratio	Lower	Upper
95	100		
97	67.5	44.2	82.2
132	92.8	64.5	119.7
130	93.3	66.7	123.9

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#46
Tetrachloroethene
Concen: 850.573 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024546.D
Acq: 02 Sep 2022 20:23



Tgt Ion:	164	Resp:	2569732
Ion	Ratio	Lower	Upper
164	100		
129	111.0	74.9	139.1
131	106.7	73.6	136.6
166	139.2	92.9	172.5

