

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
 Data File : VW024368.D  
 Acq On : 26 Aug 2022 22:47  
 Operator : SY/VA  
 Sample : N4344-08  
 Misc : 5.06g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 DBVQ7

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Semsettin Yesilyurt 08/30/2022  
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 27 00:46:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 27 00:35:21 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	8.842	114	118557	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	119071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	49743	25.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	2.337	65	149891	45.865	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	183.440%#	
7) Chloroethane-d5	2.873	69	90829	37.094	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	148.360%	
11) 1,1-Dichloroethene-d2	4.007	63	71502	25.227	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	100.920%	
21) 2-Butanone-d5	7.080	46	33437m	55.548	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	111.100%	
24) Chloroform-d	7.647	84	121841	31.967	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	127.880%	
26) 1,2-Dichloroethane-d4	8.305	65	73696	31.883	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	127.520%	
32) Benzene-d6	8.268	84	230943	33.852	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	135.400%#	
36) 1,2-Dichloropropane-d6	9.274	67	71351	33.629	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	134.520%#	
41) Toluene-d8	10.323	98	213858	32.970	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	131.880%#	
43) trans-1,3-Dichloroprop...	10.579	79	26775	26.967	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	107.880%	
47) 2-Hexanone-d5	10.927	63	26861	56.575	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	113.140%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	62426	25.988	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	103.960%	
66) 1,2-Dichlorobenzene-d4	13.853	152	61486	32.824	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	131.280%#	
<b>Target Compounds</b>						
16) Methylene chloride	4.909	84	11017m	5.541	ug/L	
25) Chloroform	7.677	83	5103m	1.451	ug/L	
34) Trichloroethene	9.091	95	3620	1.853	ug/L	94
46) Tetrachloroethene	10.859	164	2870681	1891.754	ug/L	98

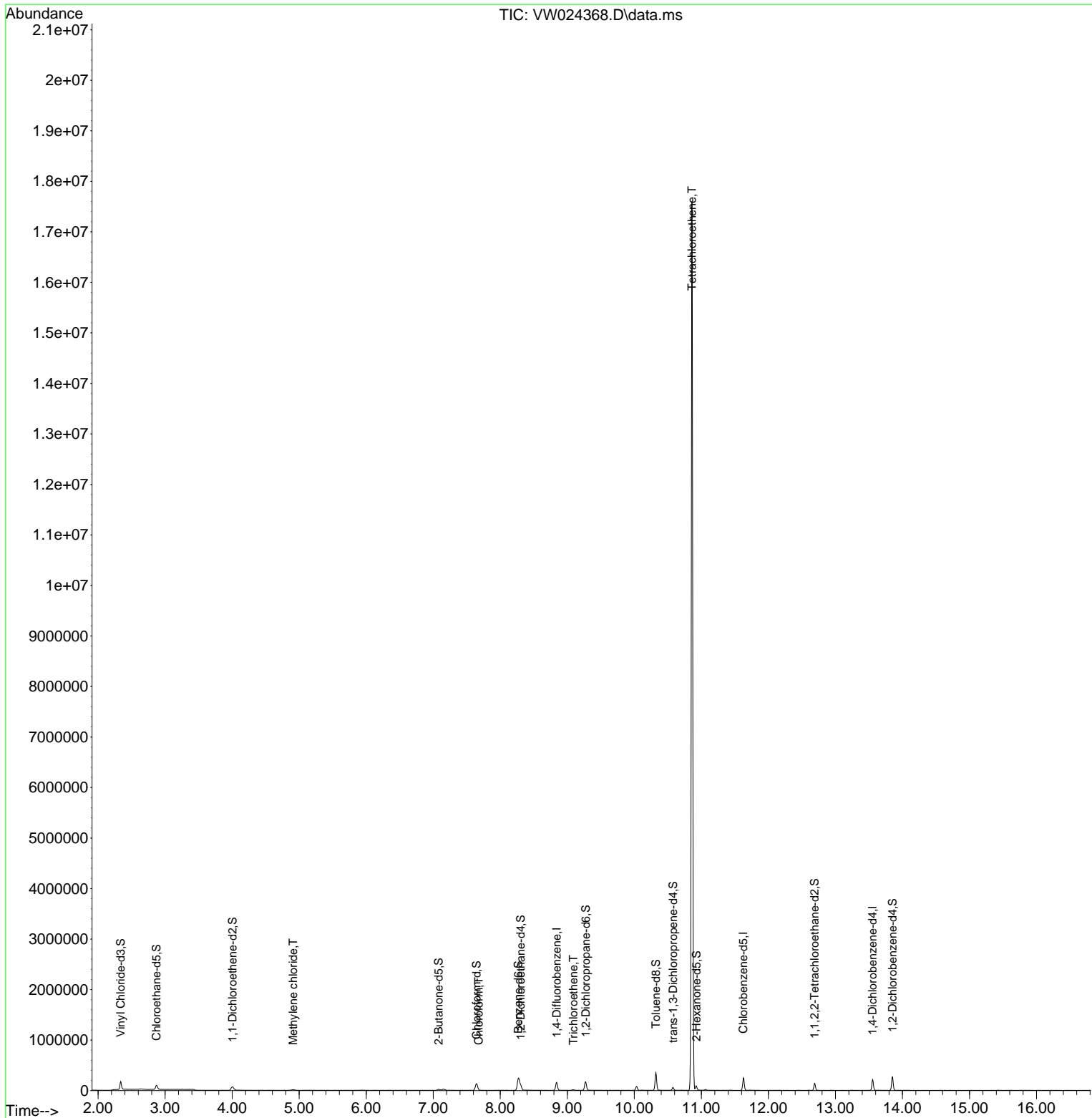
(#) = qualifier out of range (m) = manual integration (+) = signals summed

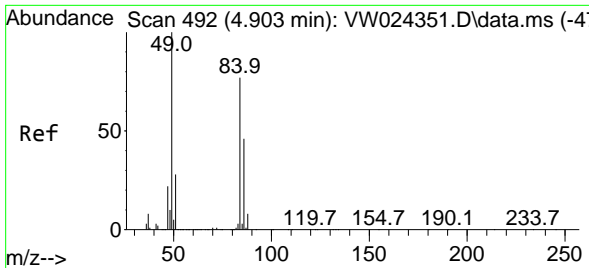
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
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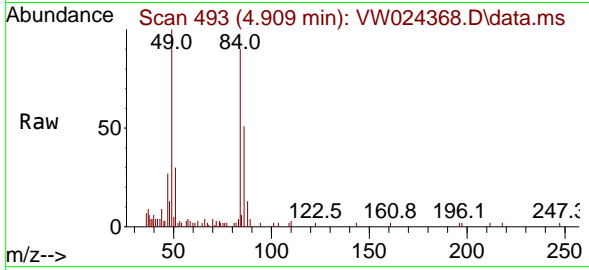
**Manual Integrations**  
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#16  
 Methylene chloride  
 Concen: 5.541 ug/L m  
 RT: 4.909 min Scan# 493  
 Delta R.T. 0.006 min  
 Lab File: VW024368.D  
 Acq: 26 Aug 2022 22:47

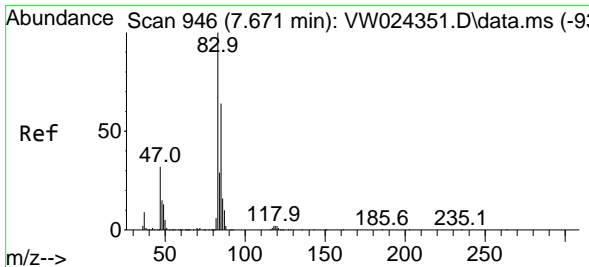
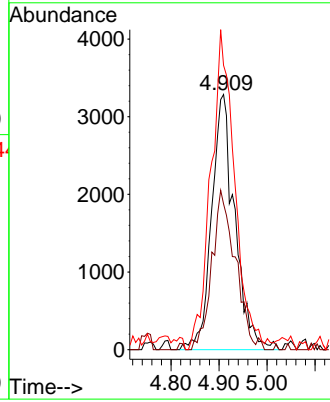
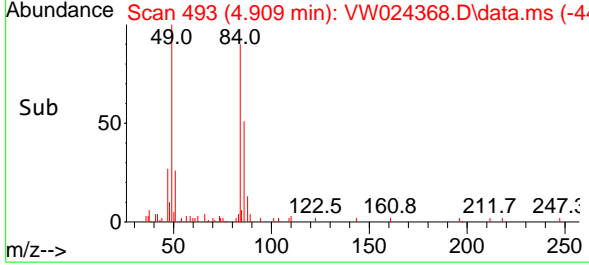
Instrument : MSVOA\_W  
 ClientSampleId : DBVQ7



Tgt Ion: 84 Resp: 1101  
 Ion Ratio Lower Upper  
 84 100  
 86 57.1 47.7 88.7  
 49 111.4 96.6 179.4

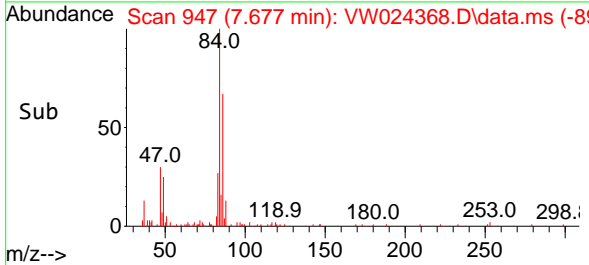
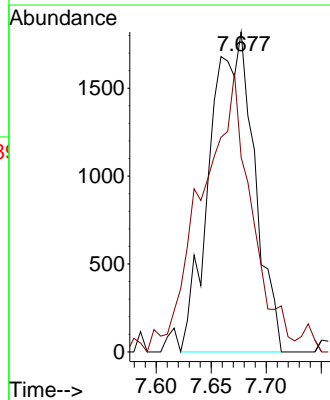
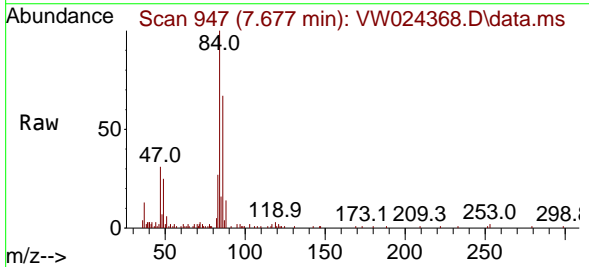
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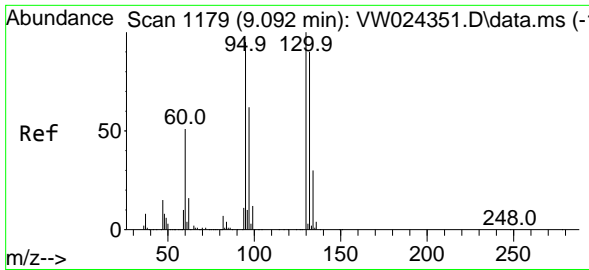
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 Supervised By :Mahesh Dadoda 08/30/2022



#25  
 Chloroform  
 Concen: 1.451 ug/L m  
 RT: 7.677 min Scan# 947  
 Delta R.T. 0.006 min  
 Lab File: VW024368.D  
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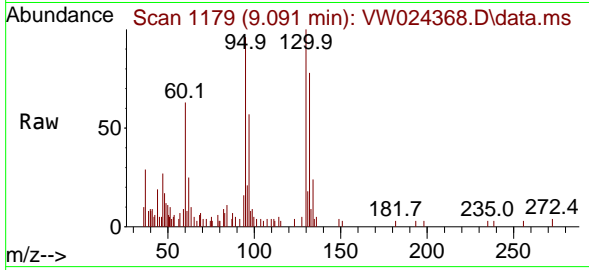
Tgt Ion: 83 Resp: 5103  
 Ion Ratio Lower Upper  
 83 100  
 85 60.8 47.5 88.1





#34  
 Trichloroethene  
 Concen: 1.853 ug/L  
 RT: 9.091 min Scan# 1179  
 Delta R.T. -0.000 min  
 Lab File: VW024368.D  
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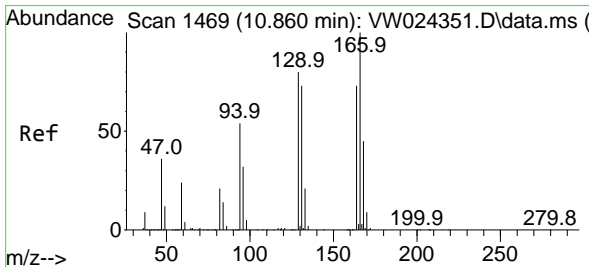
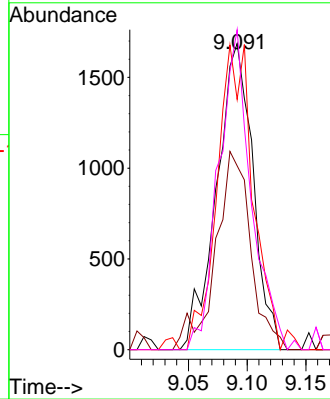
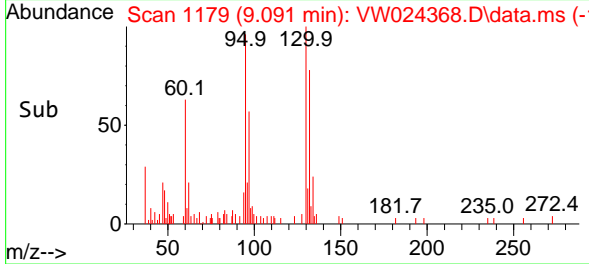
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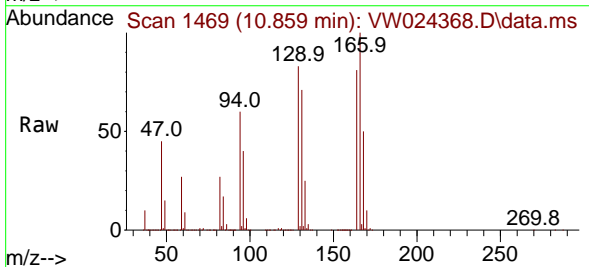
Tgt Ion: 95 Resp: 3620  
 Ion Ratio Lower Upper  
 95 100  
 97 60.0 48.4 89.8  
 132 90.7 68.6 127.4  
 130 104.5 72.6 134.8

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#46  
 Tetrachloroethene  
 Concen: 1891.754 ug/L  
 RT: 10.859 min Scan# 1469  
 Delta R.T. -0.000 min  
 Lab File: VW024368.D  
 Acq: 26 Aug 2022 22:47



Tgt Ion:164 Resp: 2870681  
 Ion Ratio Lower Upper  
 164 100  
 129 102.0 72.9 135.3  
 131 87.6 63.7 118.3  
 166 122.7 86.2 160.0

