

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW023998.D
 Acq On : 22 Jul 2022 11:29
 Operator : SY/VA
 Sample : N3738-03RE
 Misc : 5.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZC5RE

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2022
 Supervised By : Mahesh Dadoda 07/24/2022

Quant Time: Jul 22 23:11:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 23:08:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	241340	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	190478	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	135534	21.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.960%		
7) Chloroethane-d5	2.873	69	98796	24.025	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.120%		
11) 1,1-Dichloroethene-d2	4.013	63	86232	17.180	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.720%		
21) 2-Butanone-d5	7.080	46	53294	55.741	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.480%		
24) Chloroform-d	7.641	84	180969	25.755	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.040%		
26) 1,2-Dichloroethane-d4	8.305	65	113572m	26.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.720%		
32) Benzene-d6	8.269	84	318486	32.165	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	128.640%		
36) 1,2-Dichloropropane-d6	9.274	67	105374	35.330	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	141.320%#		
41) Toluene-d8	10.323	98	255028	25.392	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.560%		
43) trans-1,3-Dichloroprop...	10.579	79	29616	21.184	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.720%		
47) 2-Hexanone-d5	10.921	63	49053	78.213	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	156.420%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115155	34.937	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	139.760%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	58954	30.595	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	122.400%#		
Target Compounds						Qvalue
16) Methylene chloride	4.903	84	28734	7.614	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	2810	0.905	ug/L	85
20) cis-1,2-Dichloroethene	7.165	96	52844	15.367	ug/L #	94
34) Trichloroethene	9.092	95	851891	298.035	ug/L	90
46) Tetrachloroethene	10.860	164	173553	78.525	ug/L	91

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

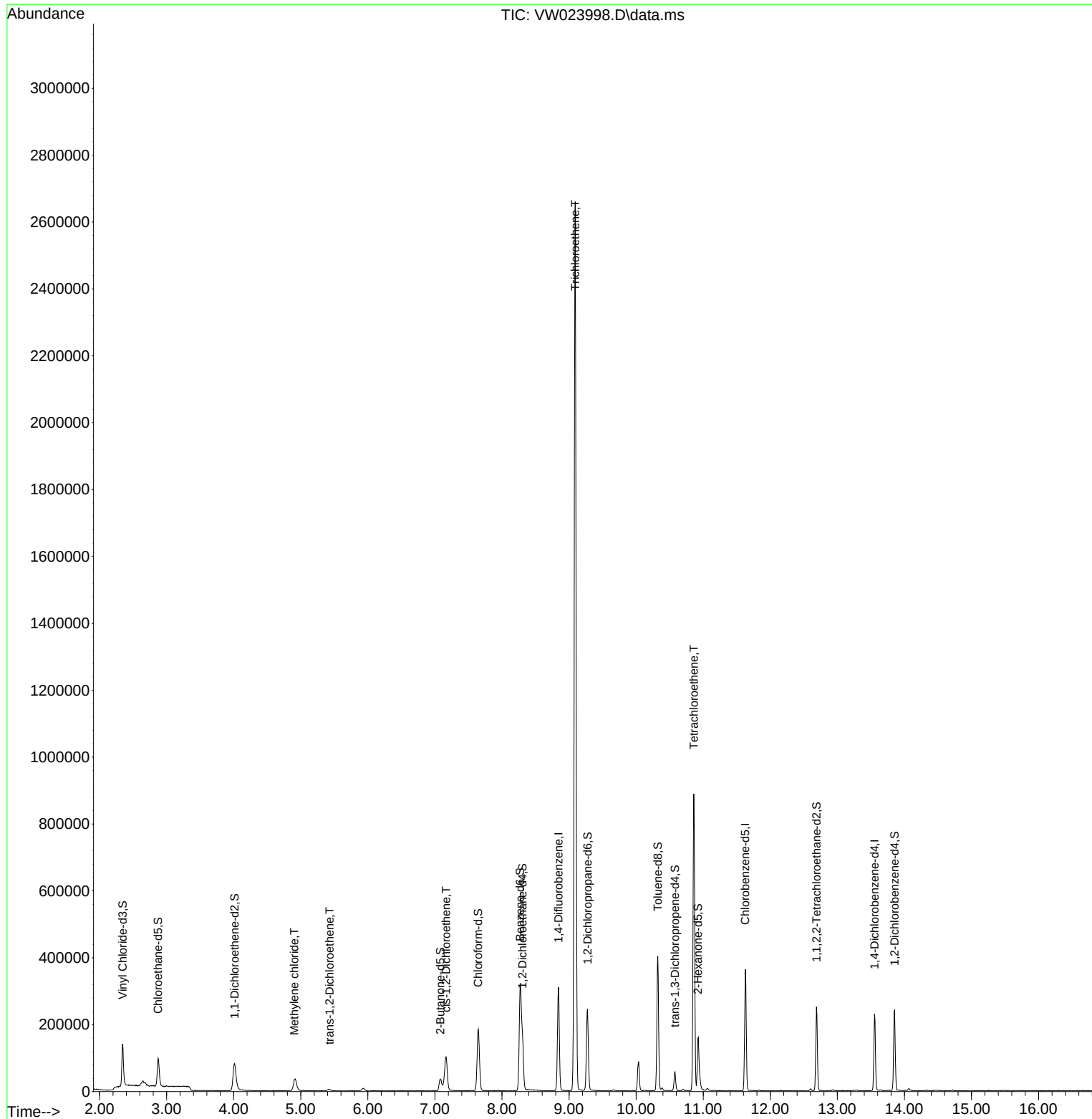
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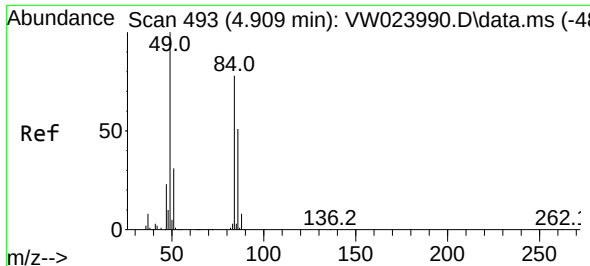
Instrument :
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C0ZC5RE

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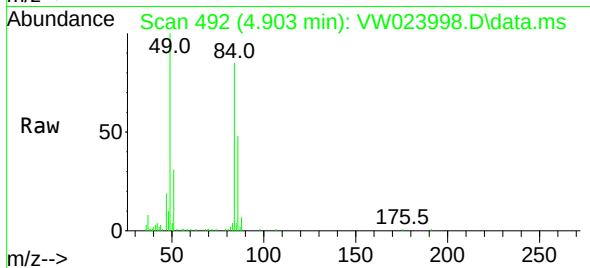
Quant Time: Jul 22 23:11:37 2022
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Quant Title : SFAM01.0
QLast Update : Fri Jul 22 23:08:43 2022
Response via : Initial Calibration





#16
Methylene chloride
Concen: 7.614 ug/L
RT: 4.903 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW023998.D
Acq: 22 Jul 2022 11:29

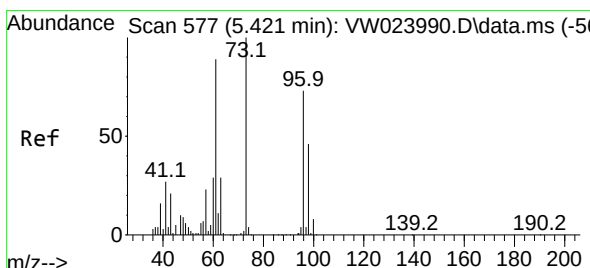
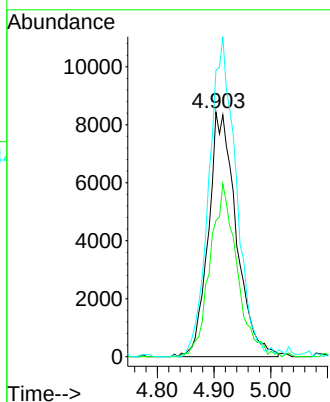
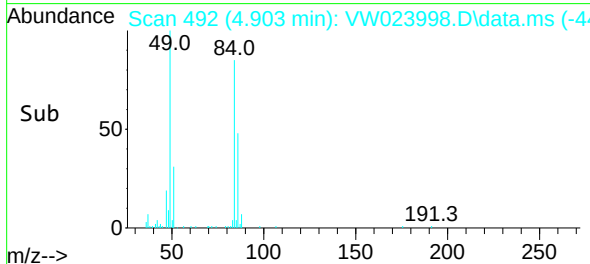
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ClientSampleId :
C0ZC5RE



Tgt Ion: 84 Resp: 28734
Ion Ratio Lower Upper
84 100
86 55.7 42.8 79.6
49 117.3 85.4 158.6

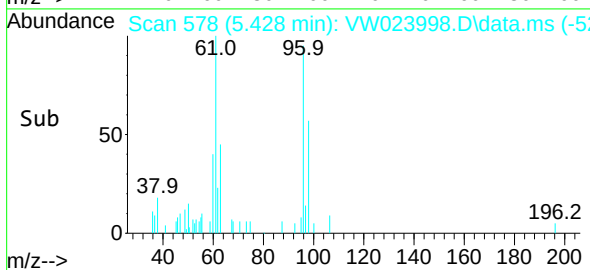
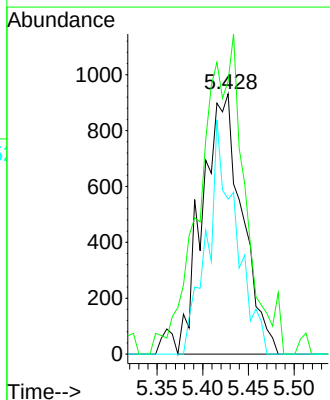
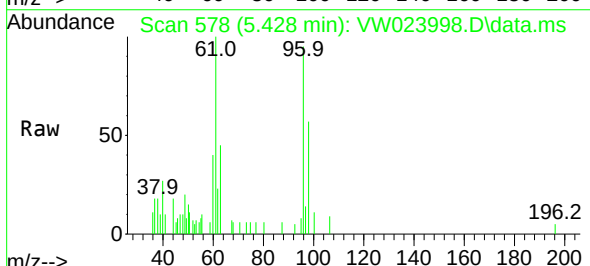
Manual Integrations
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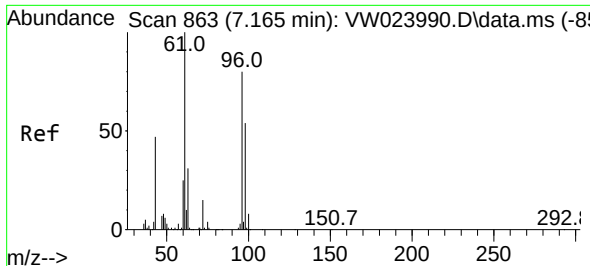
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Supervised By :Mahesh Dadoda 07/24/2022



#17
trans-1,2-Dichloroethene
Concen: 0.905 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023998.D
Acq: 22 Jul 2022 11:29

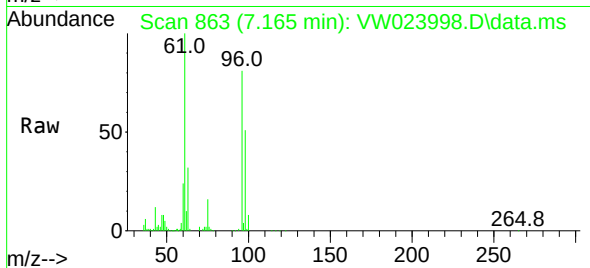
Tgt Ion: 96 Resp: 2810
Ion Ratio Lower Upper
96 100
61 104.8 90.8 168.6
98 59.5 42.8 79.6





#20
cis-1,2-Dichloroethene
Concen: 15.367 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023998.D
Acq: 22 Jul 2022 11:29

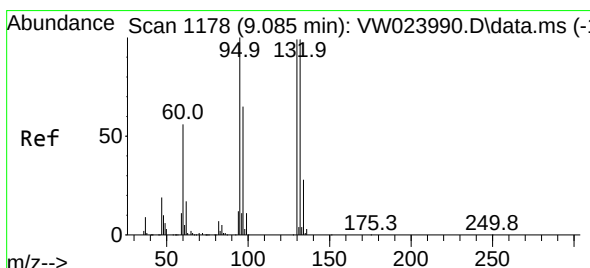
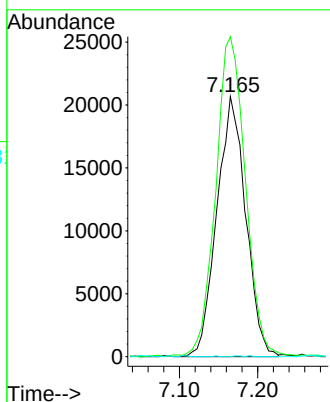
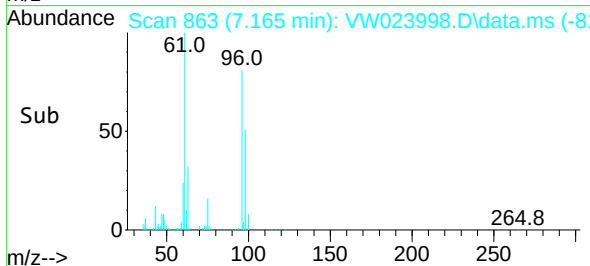
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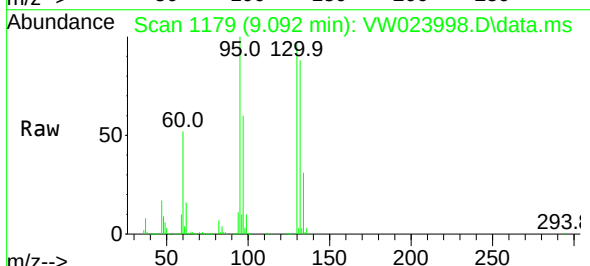
Tgt Ion: 96 Resp: 52844
Ion Ratio Lower Upper
96 100
61 123.0 90.6 168.2
68 0.0 0.2 0.4

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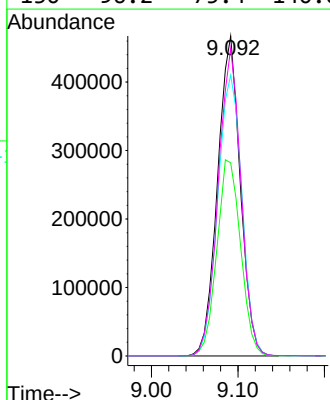
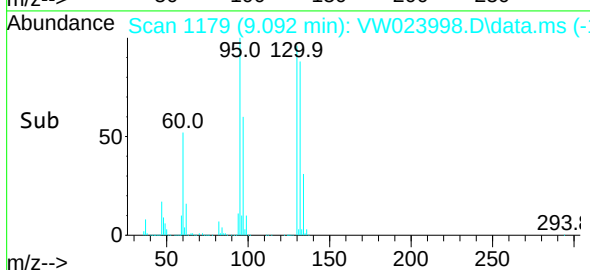
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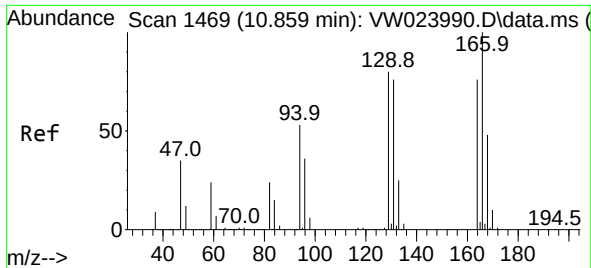


#34
Trichloroethene
Concen: 298.035 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW023998.D
Acq: 22 Jul 2022 11:29



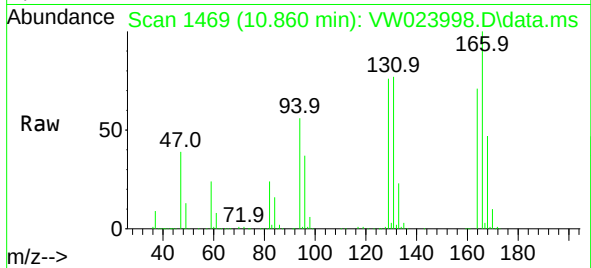
Tgt Ion: 95 Resp: 851891
Ion Ratio Lower Upper
95 100
97 60.4 45.6 84.8
132 87.7 69.9 129.7
130 96.2 75.4 140.0





#46
Tetrachloroethene
Concen: 78.525 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023998.D
Acq: 22 Jul 2022 11:29

Instrument :
MSVOA_W
ClientSampleId :
C0ZC5RE



Tgt Ion:164 Resp: 17355
Ion Ratio Lower Upper
164 100
129 106.2 72.4 134.5
131 108.0 67.8 125.8
166 140.6 88.9 165.1

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