

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006971.D
 Acq On : 06 Dec 2021 19:09
 Operator : SY/MD
 Sample : M4887-19
 Misc : 6.36g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
 Supervised By :Mahesh Dadoda 12/14/2021

Quant Time: Dec 07 00:49:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	88951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	50111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	13195	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	47024	41.047	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 164.200%#			
7) Chloroethane-d5	2.766	69	30933	34.420	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 137.680%			
11) 1,1-Dichloroethene-d2	3.851	63	44976	18.884	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.520%			
21) 2-Butanone-d5	6.887	46	18038	40.766	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.540%			
24) Chloroform-d	7.478	84	62136	28.030	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.120%			
26) 1,2-Dichloroethane-d4	8.137	65	38777	29.142	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.560%			
32) Benzene-d6	8.106	84	112034	42.088	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 168.360%#			
36) 1,2-Dichloropropane-d6	9.118	67	38612	46.167	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 184.680%#			
41) Toluene-d8	10.179	98	71360	28.623	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.480%			
43) trans-1,3-Dichloroprop...	10.435	79	11069	27.363	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.440%			
47) 2-Hexanone-d5	10.789	63	10266	53.036	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.080%			
56) 1,1,2,2-Tetrachloroeth...	12.557	84	25662	36.829	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 147.320%#			
66) 1,2-Dichlorobenzene-d4	13.721	152	10083	23.433	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.720%			
Target Compounds						
13) Acetone	3.936	43	3158m	7.788	ug/L	
16) Methylene chloride	4.710	84	7150	4.482	ug/L	91
27) 1,2-Dichloroethane	8.240	62	1951m	1.107	ug/L	
34) Trichloroethene	8.935	95	5508	6.638	ug/L	97
46) Tetrachloroethene	10.721	164	1304	1.876	ug/L	81

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

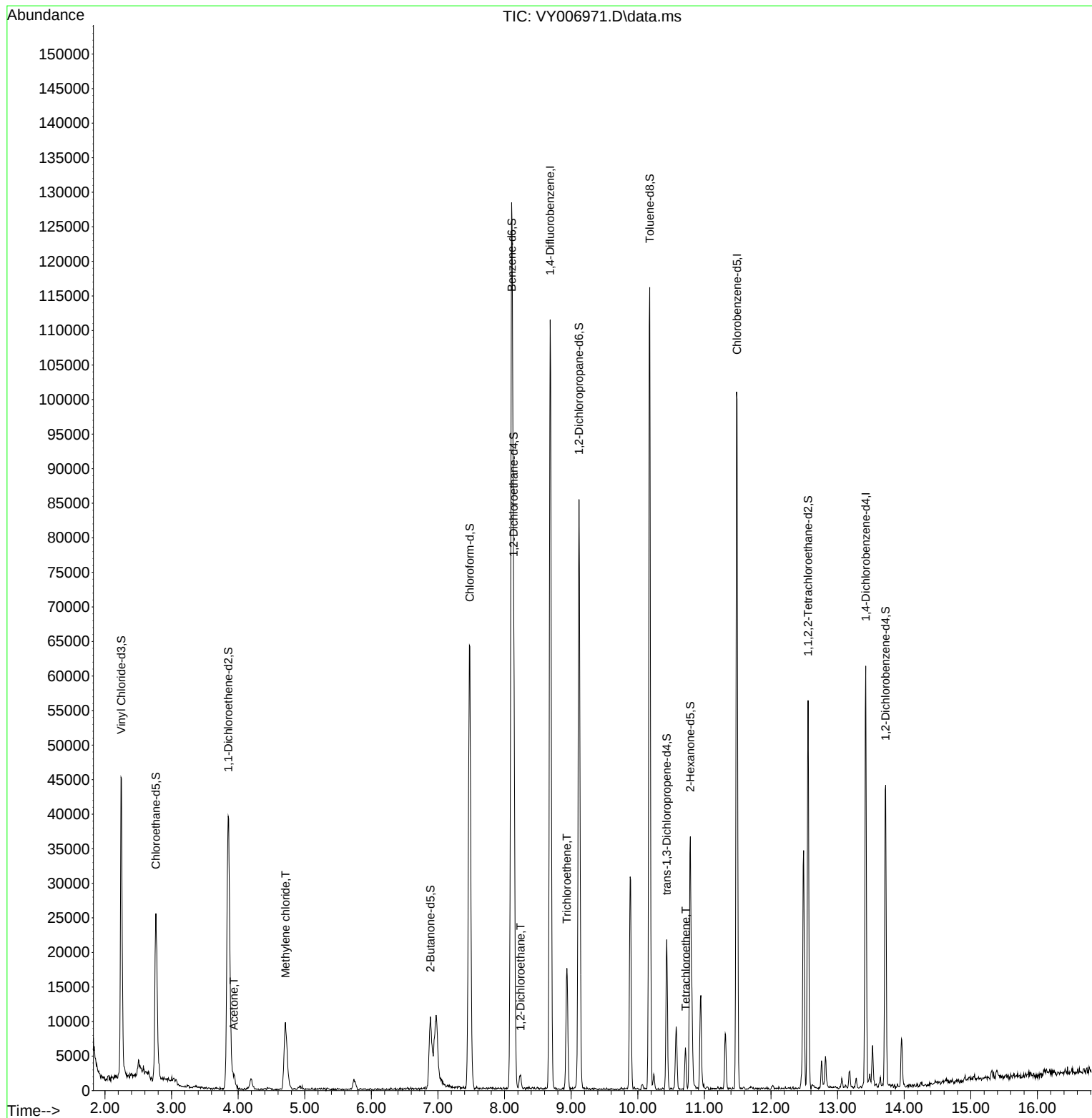
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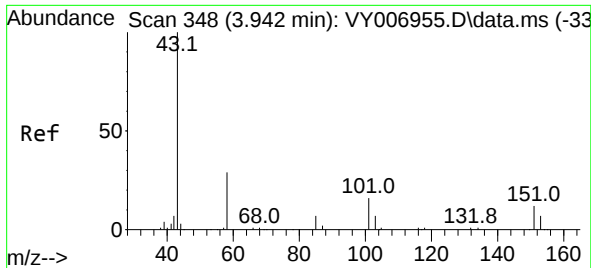
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Quant Time: Dec 07 00:49:12 2021
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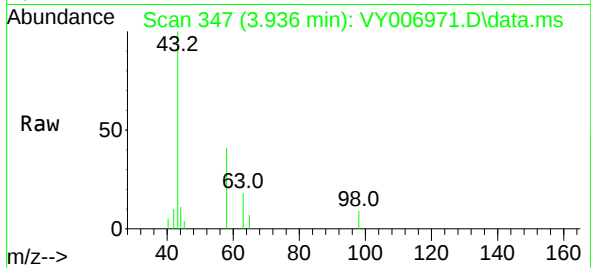
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021





#13
Acetone
Concen: 7.788 ug/L m
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY006971.D
Acq: 06 Dec 2021 19:09

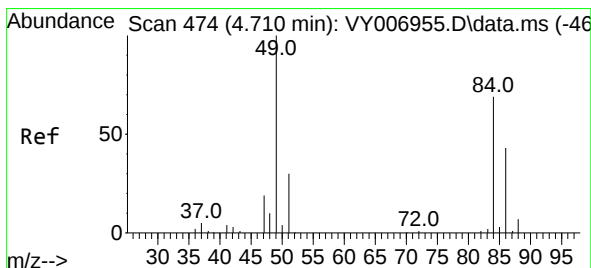
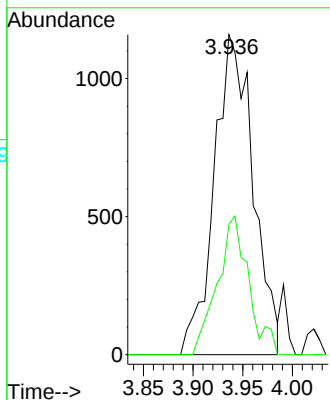
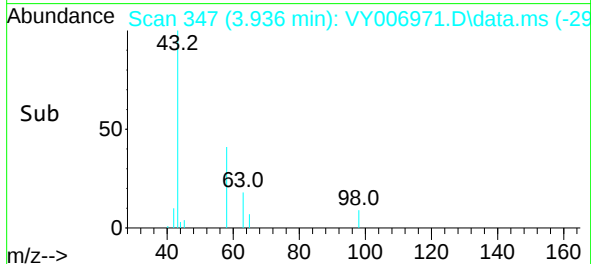
Instrument :
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ClientSampleId :
EX8D1



Tgt Ion: 43 Resp: 3158
Ion Ratio Lower Upper
43 100
58 32.5 0.0 60.8

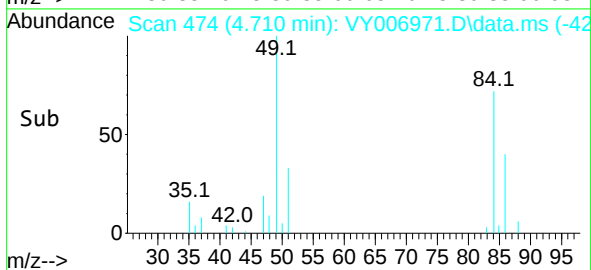
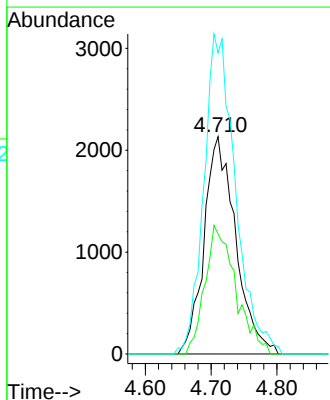
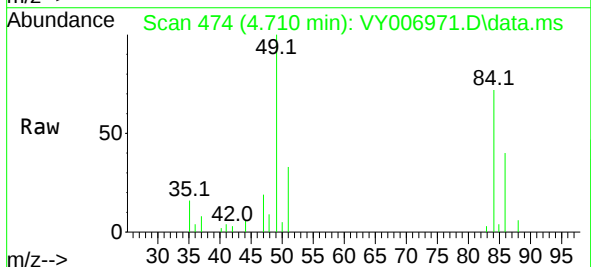
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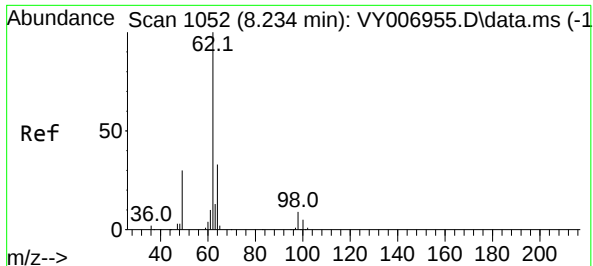
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#16
Methylene chloride
Concen: 4.482 ug/L
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY006971.D
Acq: 06 Dec 2021 19:09

Tgt Ion: 84 Resp: 7150
Ion Ratio Lower Upper
84 100
86 55.2 43.4 80.6
49 138.5 89.1 165.5





#27

1,2-Dichloroethane

Concen: 1.107 ug/L m

RT: 8.240 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VY006971.D

Acq: 06 Dec 2021 19:09

Instrument :

MSVOA_Y

ClientSampleId :

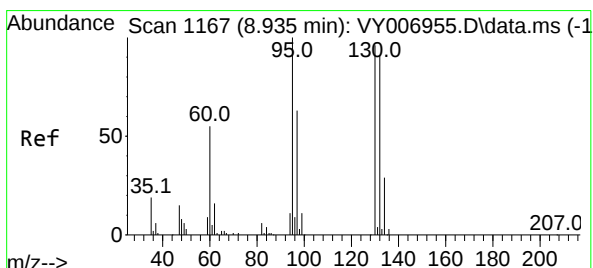
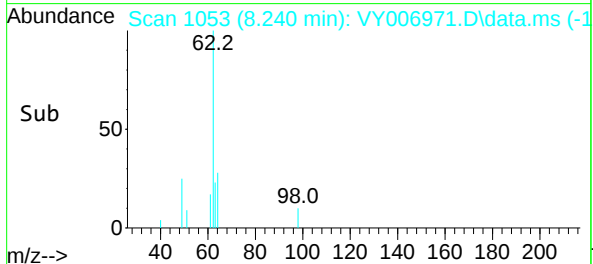
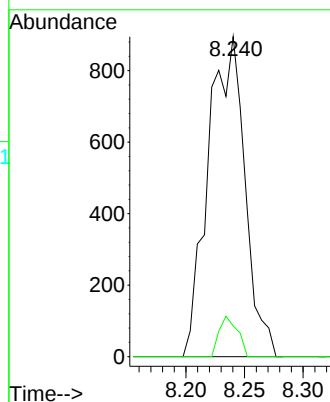
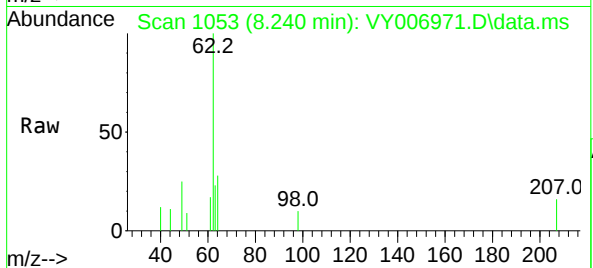
EX8D1

Tgt Ion: 62 Resp: 195
 Ion Ratio Lower Upper
 62 100
 98 9.6 6.9 10.3

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#34

Trichloroethene

Concen: 6.638 ug/L

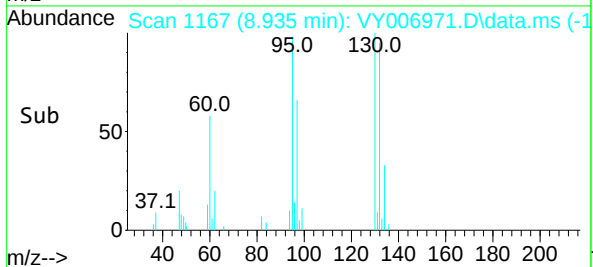
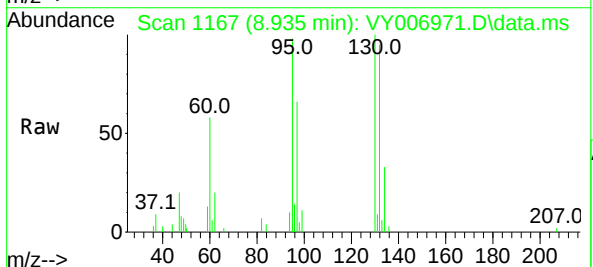
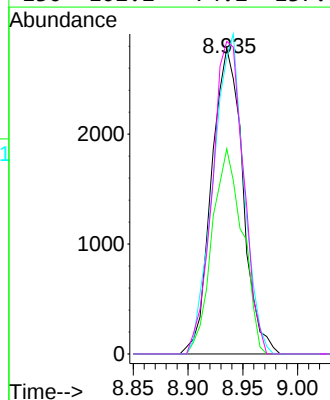
RT: 8.935 min Scan# 1167

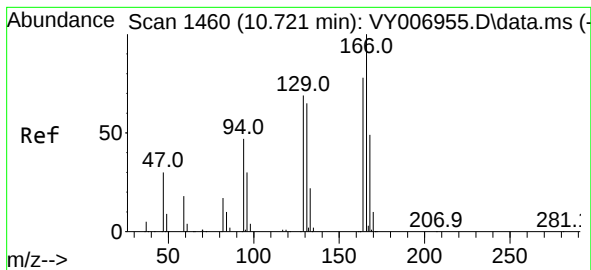
Delta R.T. 0.000 min

Lab File: VY006971.D

Acq: 06 Dec 2021 19:09

Tgt Ion: 95 Resp: 5508
 Ion Ratio Lower Upper
 95 100
 97 67.1 47.3 87.8
 132 96.9 71.3 132.5
 130 102.2 74.2 137.8





#46

Tetrachloroethene

Concen: 1.876 ug/L

RT: 10.721 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY006971.D

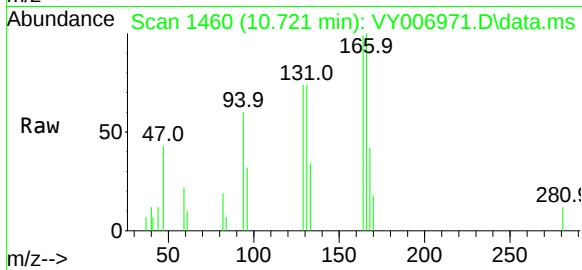
Acq: 06 Dec 2021 19:09

Instrument :

MSVOA_Y

ClientSampleId :

EX8D1



Tgt Ion:164 Resp: 1304

Ion Ratio Lower Upper

164 100

129 74.6 62.1 115.3

131 74.8 61.0 113.2

166 100.7 90.4 168.0

Manual Integrations

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