

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006961.D
 Acq On : 06 Dec 2021 15:29
 Operator : SY/MD
 Sample : M4887-04
 Misc : 6.31g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A1

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 00:47:16 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	8.691	114	76884	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	37394	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	7745	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	31657	31.970	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.880%			
7) Chloroethane-d5	2.765	69	23774	30.606	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.440%			
11) 1,1-Dichloroethene-d2	3.851	63	31746	15.421	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.680%			
21) 2-Butanone-d5	6.881	46	20290	53.052	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.100%			
24) Chloroform-d	7.478	84	44630	23.293	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.160%			
26) 1,2-Dichloroethane-d4	8.143	65	32469	28.231	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.920%			
32) Benzene-d6	8.106	84	83592	42.083	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 168.320%#			
36) 1,2-Dichloropropane-d6	9.124	67	28062	44.964	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 179.840%#			
41) Toluene-d8	10.179	98	45868	24.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.600%			
43) trans-1,3-Dichloroprop...	10.435	79	8700	28.820	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 115.280%			
47) 2-Hexanone-d5	10.788	63	10048	69.563	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.120%#			
56) 1,1,2,2-Tetrachloroeth...	12.556	84	15396	29.610	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.440%			
66) 1,2-Dichlorobenzene-d4	13.721	152	4567	18.082	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 72.320%#			
Target Compounds					Qvalue	
13) Acetone	3.954	43	3192m	9.107	ug/L	
34) Trichloroethene	8.935	95	23978	38.722	ug/L	89
42) Toluene	10.240	91	1897	0.707	ug/L	87
46) Tetrachloroethene	10.715	164	380010	732.476	ug/L	95

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

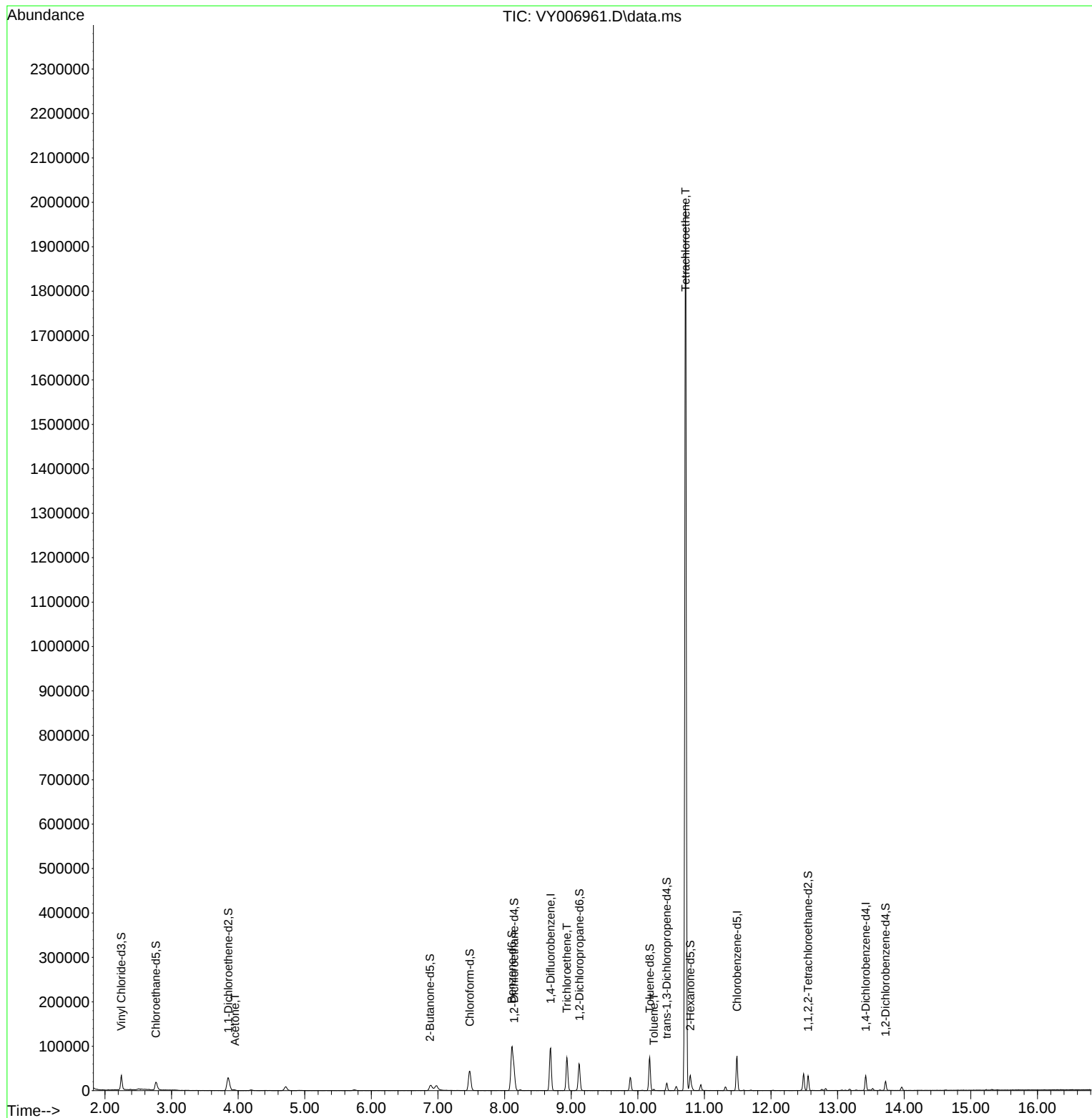
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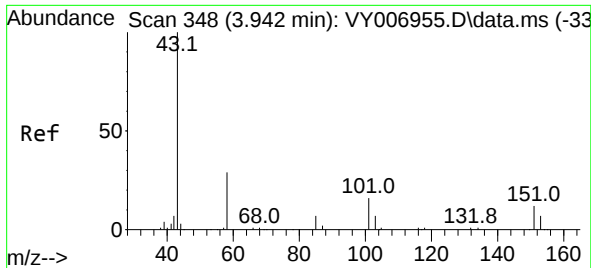
Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Dec 07 00:43:47 2021
Response via : Initial Calibration





#13

Acetone

Concen: 9.107 ug/L m

RT: 3.954 min Scan# 319

Delta R.T. 0.012 min

Lab File: VY006961.D

Acq: 06 Dec 2021 15:29

Instrument :

MSVOA_Y

ClientSampleId :

EX8A1

Tgt Ion: 43 Resp: 319

Ion Ratio Lower Upper

43 100

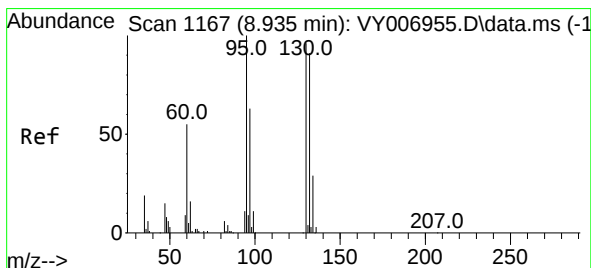
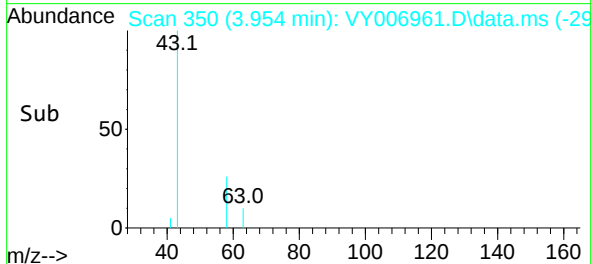
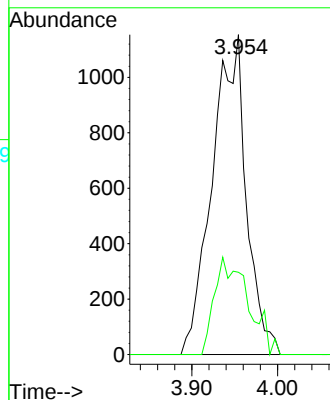
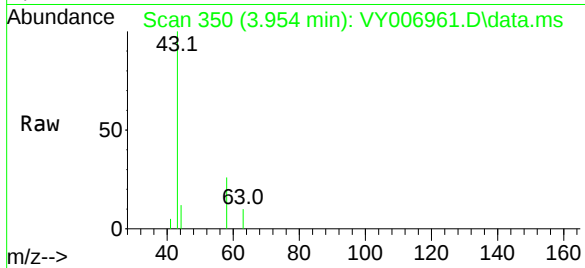
58 13.1 0.0 60.8

Manual Integrations

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#34

Trichloroethene

Concen: 38.722 ug/L

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY006961.D

Acq: 06 Dec 2021 15:29

Tgt Ion: 95 Resp: 23978

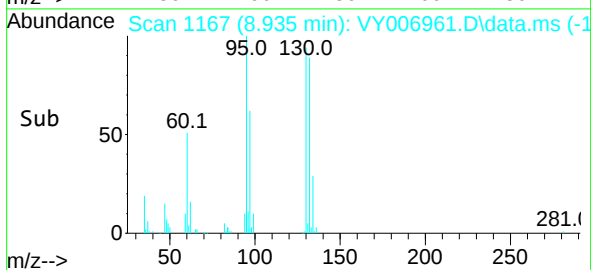
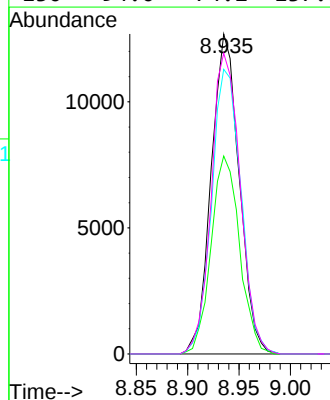
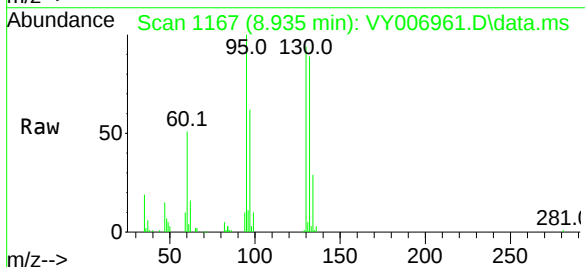
Ion Ratio Lower Upper

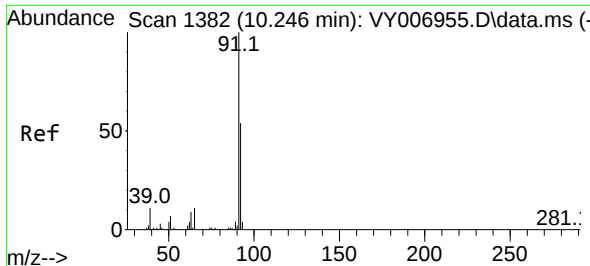
95 100

97 61.9 47.3 87.8

132 89.0 71.3 132.5

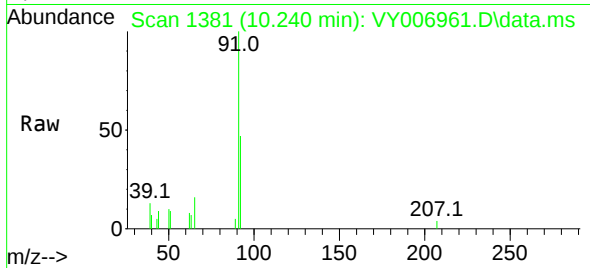
130 94.0 74.2 137.8





#42
Toluene
Concen: 0.707 ug/L
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
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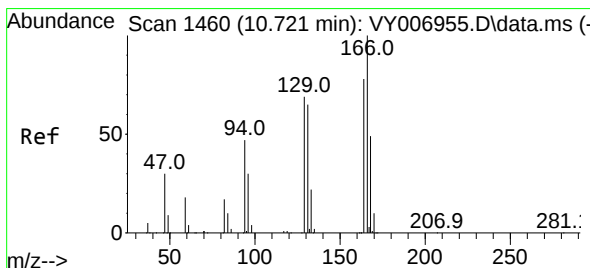
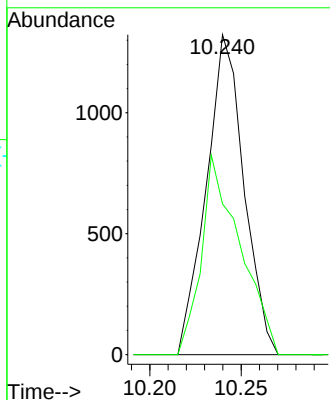
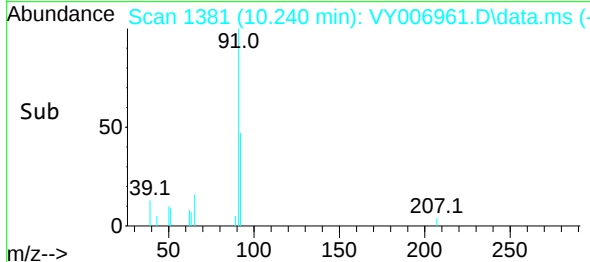
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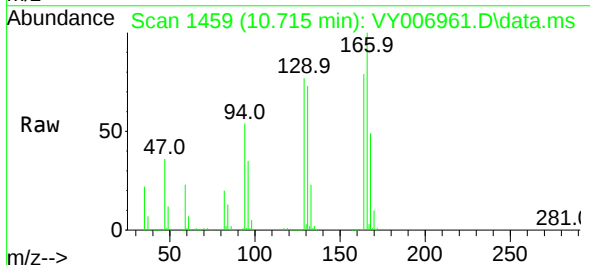
Tgt Ion: 91 Resp: 189
Ion Ratio Lower Upper
91 100
92 47.1 39.8 74.0

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#46
Tetrachloroethene
Concen: 732.476 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006961.D
Acq: 06 Dec 2021 15:29



Tgt Ion:164 Resp: 380010
Ion Ratio Lower Upper
164 100
129 97.3 62.1 115.3
131 92.6 61.0 113.2
166 126.5 90.4 168.0

