

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083121\
 Data File : VV022050.D
 Acq On : 31 Aug 2021 18:57
 Operator : SY/MD
 Sample : M3579-13ME
 Misc : 6.76g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB6B5ME

Manual Integrations
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 9/1/2021 12:32:16 PM

Quant Time: Sep 01 02:47:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	378496	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	373304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	208262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67995	25.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	51.880%#		
7) Chloroethane-d5	1.529	69	20528	10.029	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	20.060%#		
11) 1,1-Dichloroethene-d2	2.076	63	89278	20.595	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	41.200%#		
21) 2-Butanone-d5	3.892	46	146161m	81.308	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.310%		
24) Chloroform-d	4.346	84	160114	33.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.000%#		
26) 1,2-Dichloroethane-d4	5.027	65	109608	38.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.880%		
32) Benzene-d6	5.043	84	328728	32.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.940%#		
36) 1,2-Dichloropropane-d6	6.069	67	113924	35.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	71.560%		
41) Toluene-d8	7.317	98	289363	30.274	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	60.540%#		
43) trans-1,3-Dichloroprop...	7.625	79	47500	31.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.680%		
47) 2-Hexanone-d5	8.104	63	119355	97.688	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.690%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	184982	45.359	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.720%		
66) 1,2-Dichlorobenzene-d4	11.628	152	153592	37.515	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.020%#		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.905	96	7310	2.488	ug/L	84
25) Chloroform	4.375	83	11120	2.234	ug/L	99
34) Trichloroethene	5.918	95	8290	2.695	ug/L	97
46) Tetrachloroethene	7.976	164	796261	332.863	ug/L	99

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

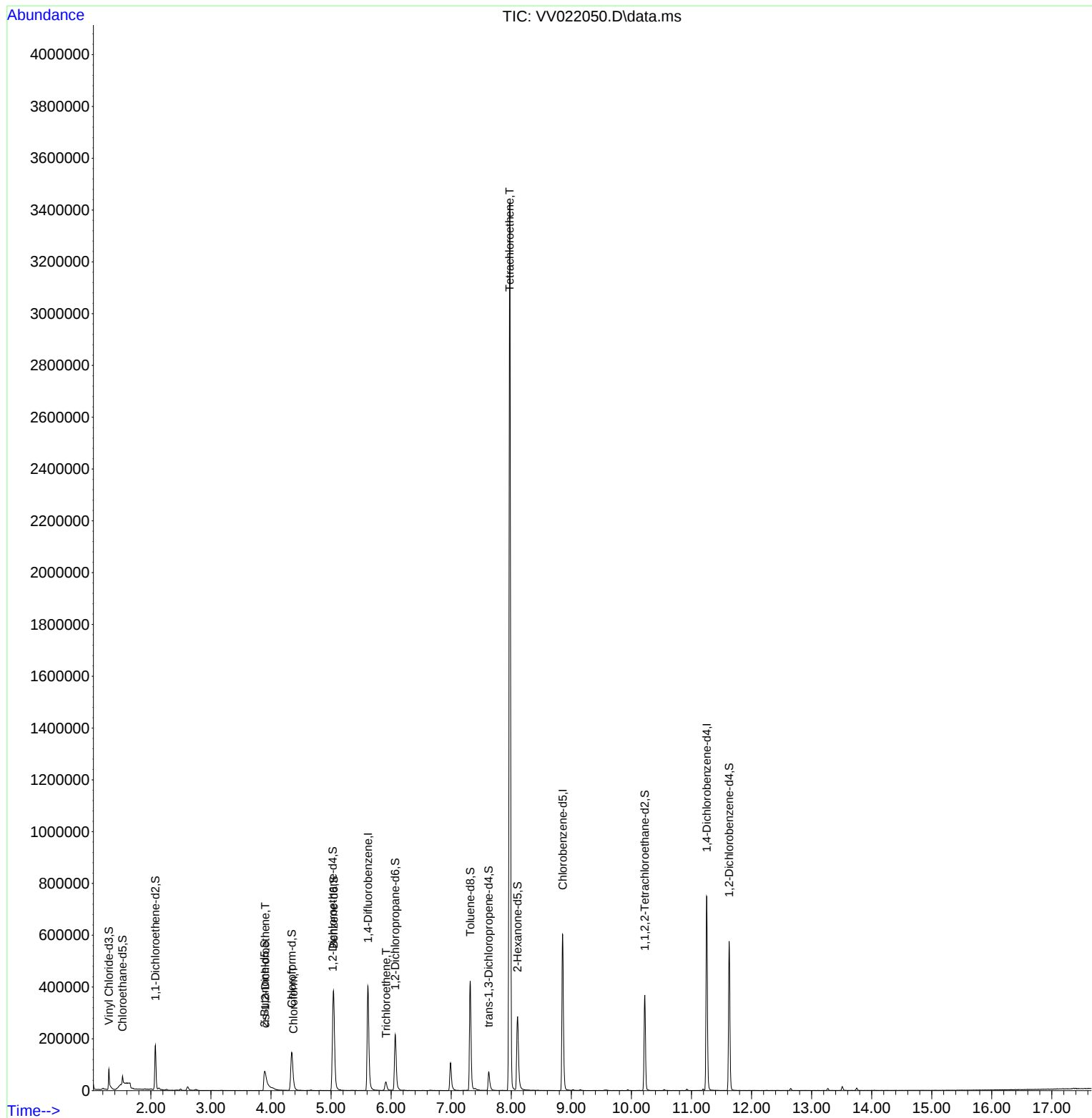
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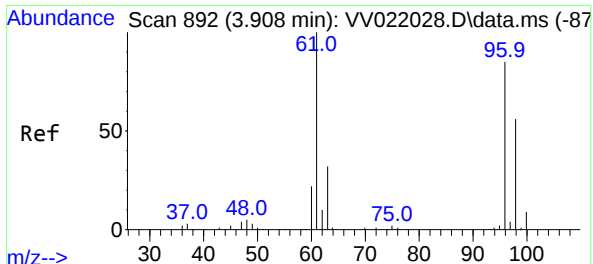
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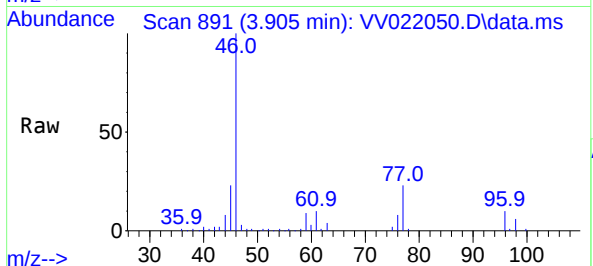
Quant Time: Sep 01 02:47:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 01 02:41:24 2021
Response via : Initial Calibration





#20
cis-1,2-Dichloroethene
Concen: 2.488 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV022050.D
Acq: 31 Aug 2021 18:57

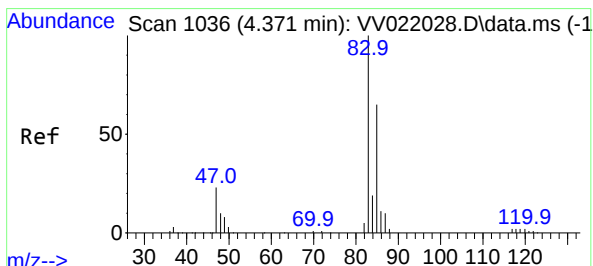
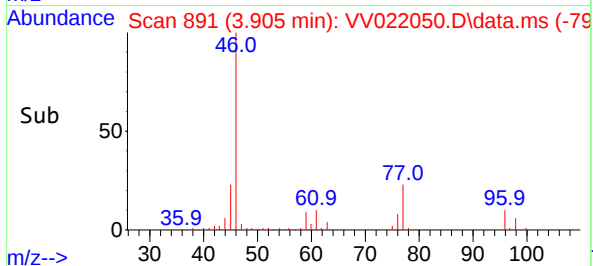
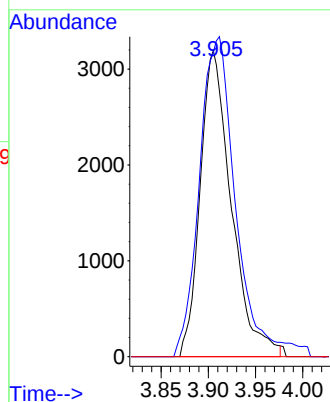
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Tgt Ion: 96 Resp: 7310
Ion Ratio Lower Upper
96 100
61 99.4 81.8 152.0
68 0.0 0.0 0.0

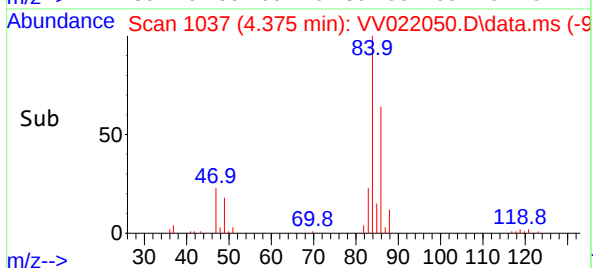
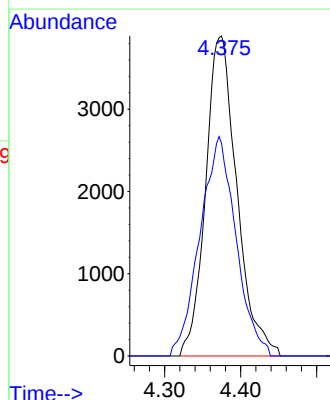
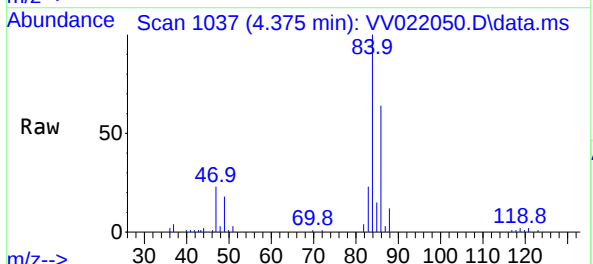
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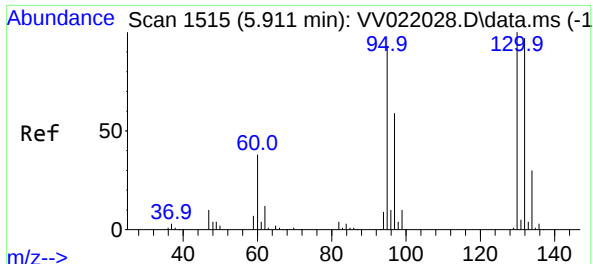
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#25
Chloroform
Concen: 2.234 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022050.D
Acq: 31 Aug 2021 18:57

Tgt Ion: 83 Resp: 11120
Ion Ratio Lower Upper
83 100
85 66.5 46.3 85.9





#34

Trichloroethene

Concen: 2.695 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.007 min

Lab File: VV022050.D

Acq: 31 Aug 2021 18:57

Tgt Ion: 95 Resp: 8290

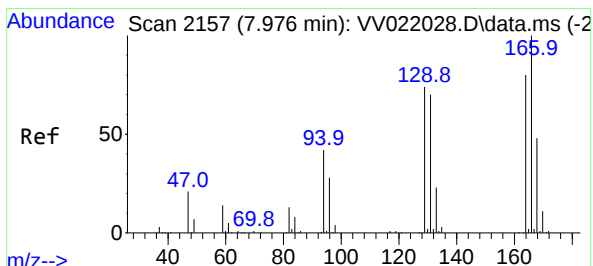
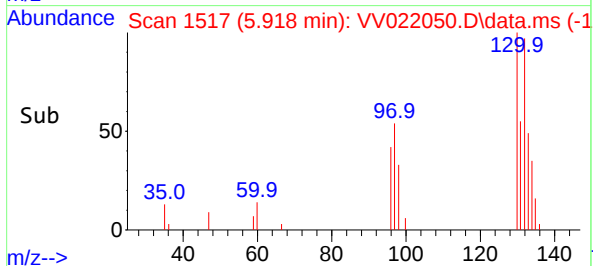
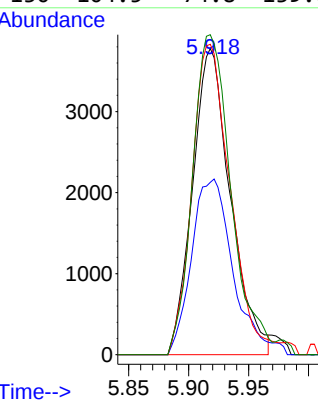
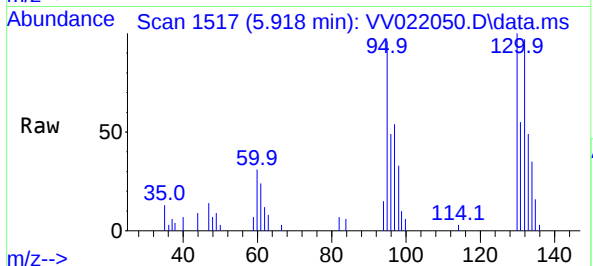
Ion Ratio Lower Upper

95 100

97 56.3 44.1 81.9

132 101.3 70.7 131.3

130 104.5 74.8 139.0



#46

Tetrachloroethene

Concen: 332.863 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV022050.D

Acq: 31 Aug 2021 18:57

Tgt Ion:164 Resp: 796261

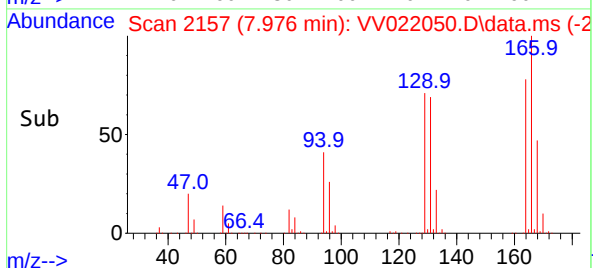
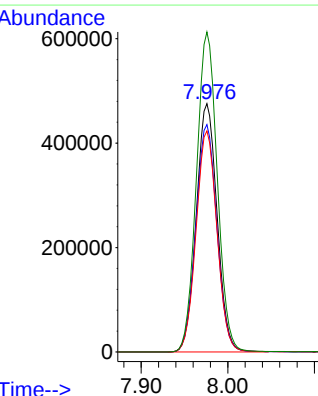
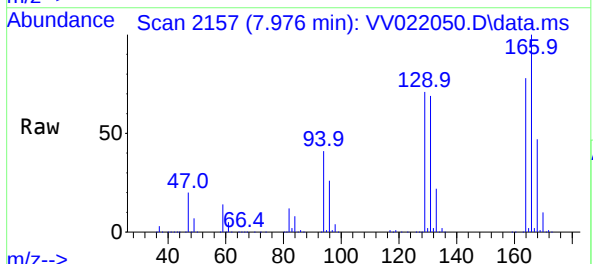
Ion Ratio Lower Upper

164 100

129 91.5 62.9 116.9

131 89.0 61.0 113.4

166 128.8 90.6 168.3



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