

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027234.D
 Acq On : 05 Aug 2022 19:02
 Operator : SY/MD
 Sample : N4021-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D39

Quant Time: Aug 06 04:02:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022
 Supervised By :Mahesh Dadoda 08/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	360109	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	360956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142388	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	152678	62.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.380%			
7) Chloroethane-d5	1.558	69	112684	62.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 125.560%			
11) 1,1-Dichloroethene-d2	2.098	63	186999m	41.640	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.280%			
21) 2-Butanone-d5	3.870	46	218320	99.900	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.900%			
24) Chloroform-d	4.343	84	251719	50.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.100%			
26) 1,2-Dichloroethane-d4	5.027	65	183629	58.810	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.620%			
32) Benzene-d6	5.043	84	527405	60.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.860%			
36) 1,2-Dichloropropane-d6	6.066	67	177300	57.582	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.160%			
41) Toluene-d8	7.313	98	419601	56.871	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.740%			
43) trans-1,3-Dichloroprop...	7.619	79	69562	51.831	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.660%			
47) 2-Hexanone-d5	8.085	63	145229	97.929	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.930%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	244644	48.755	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.520%			
66) 1,2-Dichlorobenzene-d4	11.622	152	149407	60.761	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.520%#			
Target Compounds						
5) Vinyl chloride	1.307	62	381370	104.607	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	44025	15.944	ug/L	93
20) cis-1,2-Dichloroethene	3.902	96	399938	139.428	ug/L	85

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

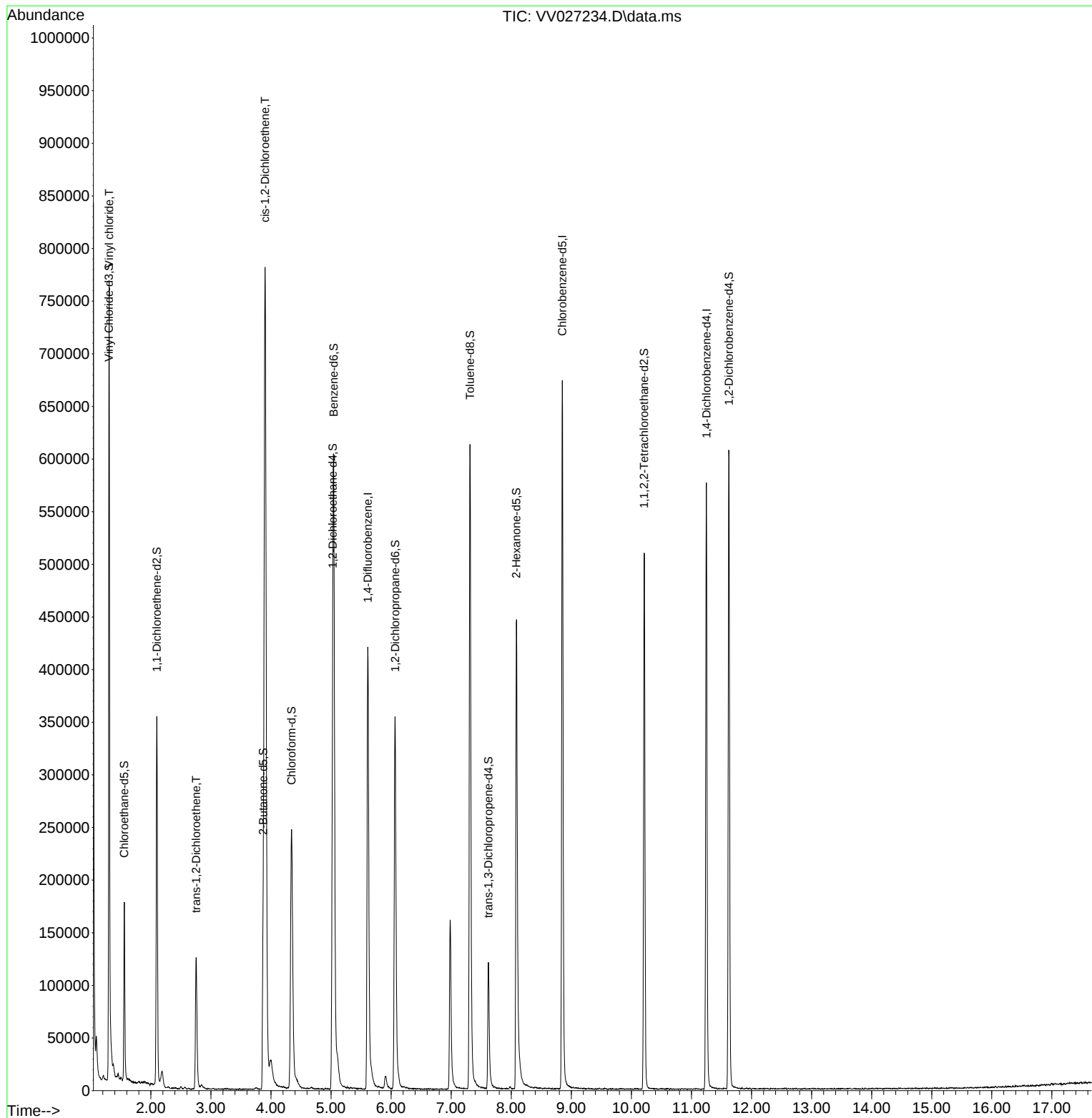
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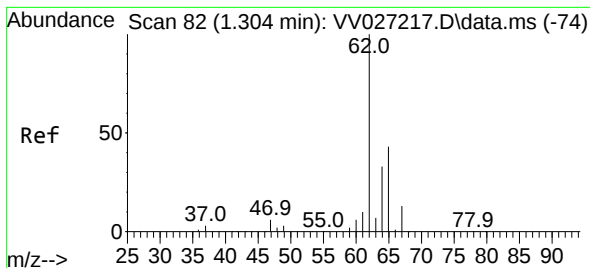
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#5

Vinyl chloride

Concen: 104.607 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

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Instrument :

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ClientSampleId :

F5D39

Tgt Ion: 62 Resp: 381370

Ion Ratio Lower Upper

62 100

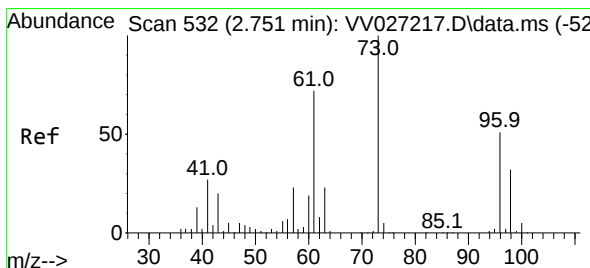
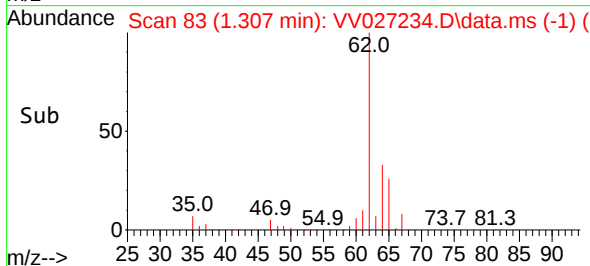
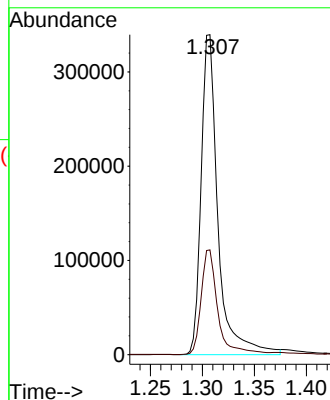
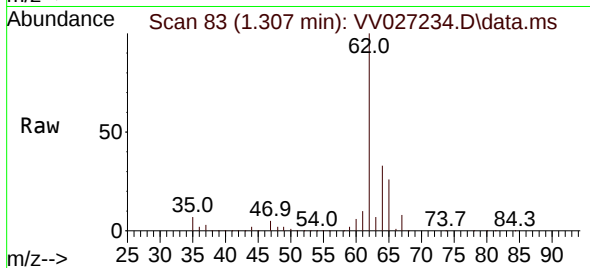
64 32.8 23.2 43.2

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#17

trans-1,2-Dichloroethene

Concen: 15.944 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.003 min

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Acq: 05 Aug 2022 19:02

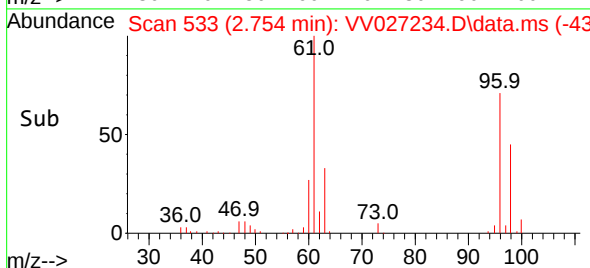
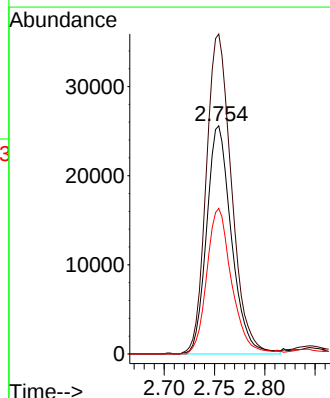
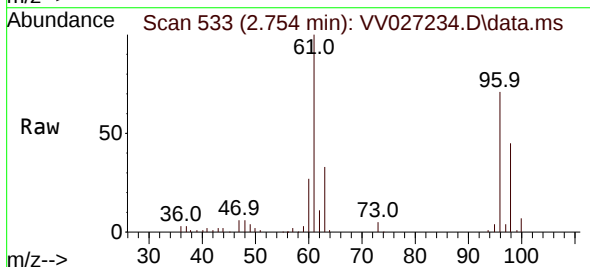
Tgt Ion: 96 Resp: 44025

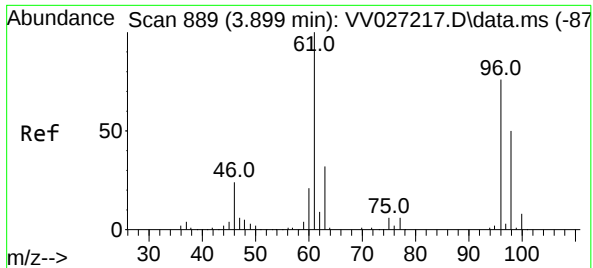
Ion Ratio Lower Upper

96 100

61 140.3 89.2 165.6

98 63.8 44.6 82.8





#20

cis-1,2-Dichloroethene

Concen: 139.428 ug/L

RT: 3.902 min Scan# 89

Delta R.T. 0.003 min

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Tgt Ion: 96 Resp: 399938

Ion Ratio Lower Upper

96 100

61 133.1 81.8 151.8

68 0.0 0.0 0.0

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