

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033161.D
 Acq On : 07 Dec 2023 21:13
 Operator : SY/MD
 Sample : 05689-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G77

Quant Time: Dec 08 04:17:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 04:15:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/08/2023
 Supervised By :Semsettin Yesilyurt 12/08/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	287009	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	286078	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51909	30.255	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	60.500%		
7) Chloroethane-d5	1.532	69	41856	35.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.020%		
11) 1,1-Dichloroethene-d2	2.059	65	22279	34.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.260%		
21) 2-Butanone-d5	3.780	46	85406	100.221	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.220%		
24) Chloroform-d	4.249	84	146721	40.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.600%		
26) 1,2-Dichloroethane-d4	4.940	65	97587	43.108	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.220%		
32) Benzene-d6	4.960	84	260543	38.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.880%		
36) 1,2-Dichloropropane-d6	5.989	67	76332	42.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.860%		
41) Toluene-d8	7.243	98	235337	36.872	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.740%#		
43) trans-1,3-Dichloroprop...	7.554	79	42585	37.435	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.860%		
47) 2-Hexanone-d5	8.021	63	67543	93.458	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.460%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	116596	45.593	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.180%		
66) 1,2-Dichlorobenzene-d4	11.561	152	122204	45.823	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.640%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	18856	13.104	ug/L	# 57
20) cis-1,2-Dichloroethene	3.818	96	18128m	9.043	ug/L	
30) 1,1,1-Trichloroethane	4.516	97	21873	6.187	ug/L	99
34) Trichloroethene	5.831	95	355737	164.252	ug/L	98

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

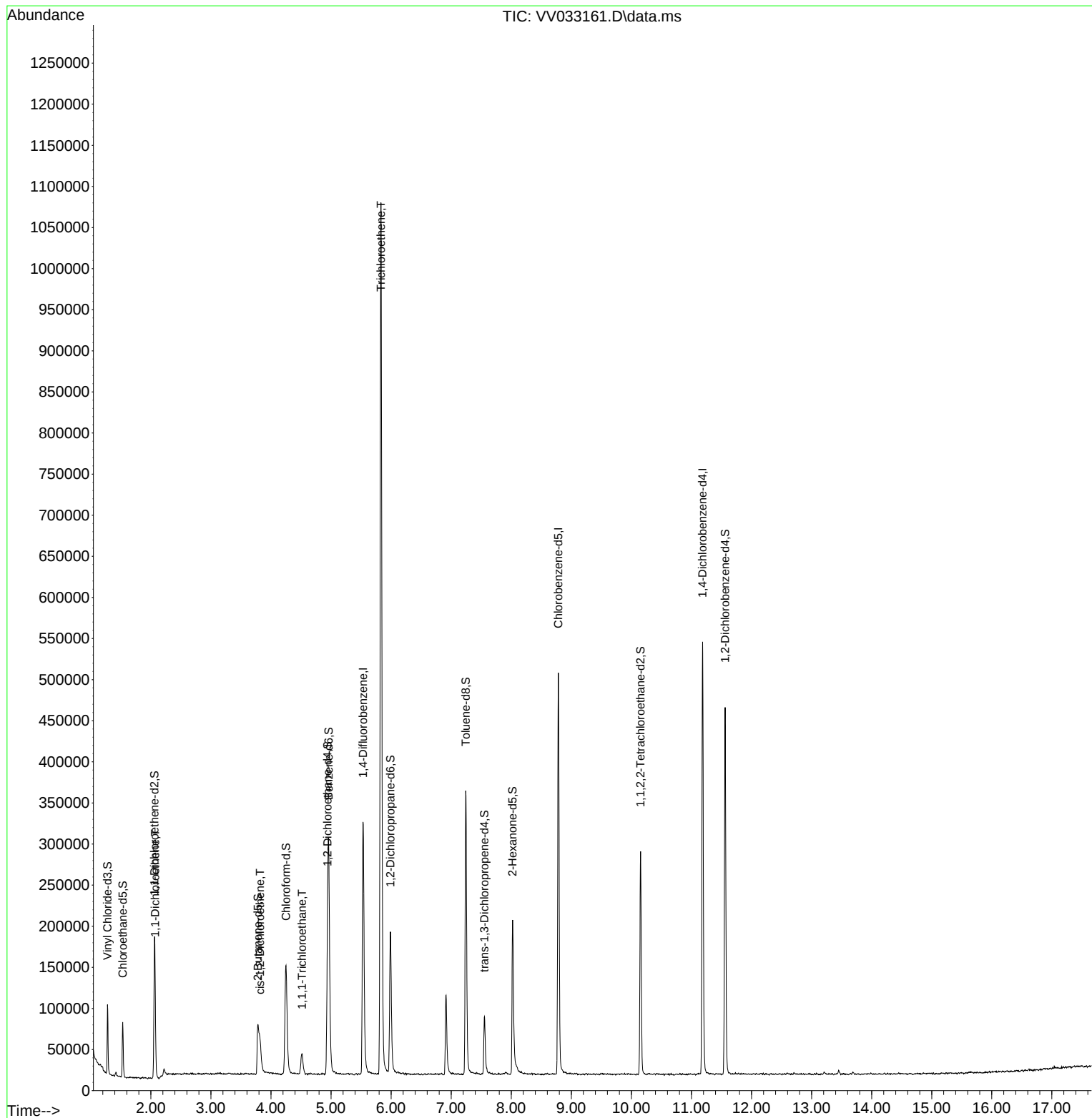
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120723\
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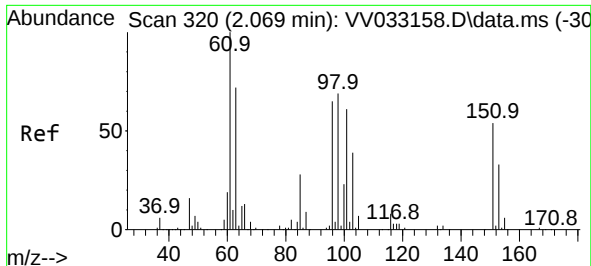
Instrument :
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Quant Time: Dec 08 04:17:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
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QLast Update : Fri Dec 08 04:15:58 2023
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#12

1,1-Dichloroethene

Concen: 13.104 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033161.D

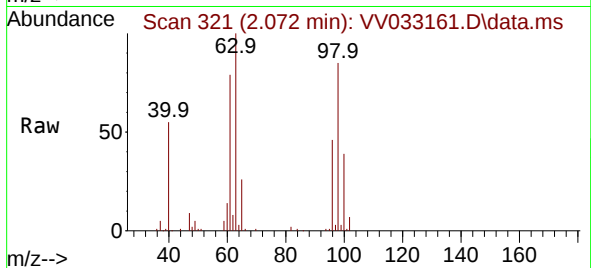
Acq: 07 Dec 2023 21:13

Instrument :

MSVOA_V

ClientSampleId :

C0G77



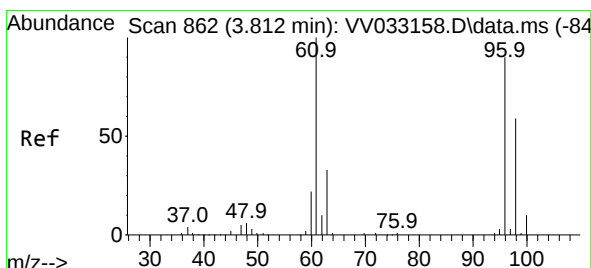
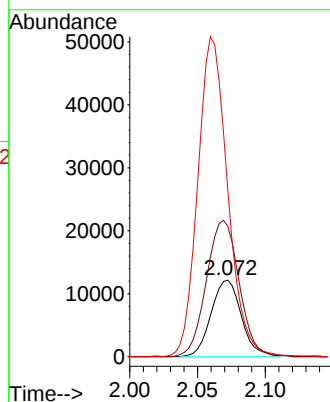
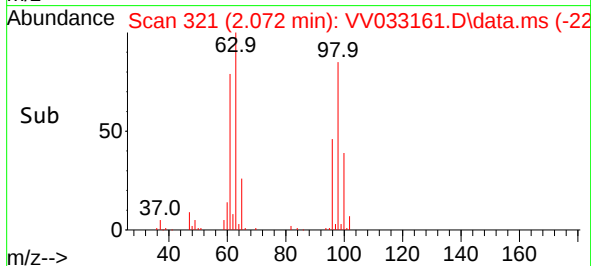
Tgt Ion: 96 Resp: 1885

Ion	Ratio	Lower	Upper
96	100		
61	170.4	109.1	202.7
63	216.5	85.3	158.3

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 9.043 ug/L m

RT: 3.818 min Scan# 864

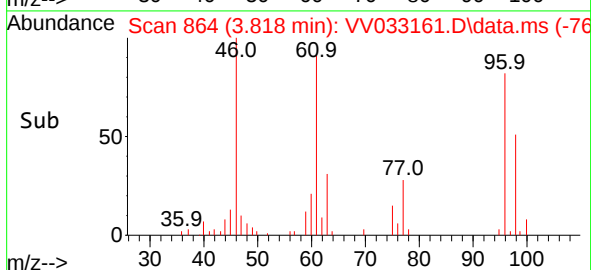
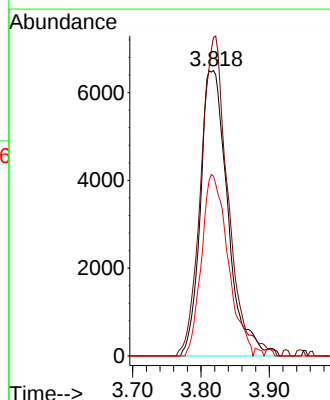
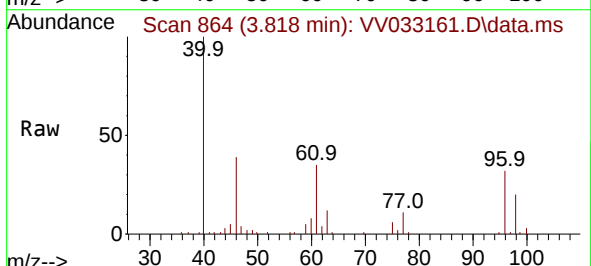
Delta R.T. 0.006 min

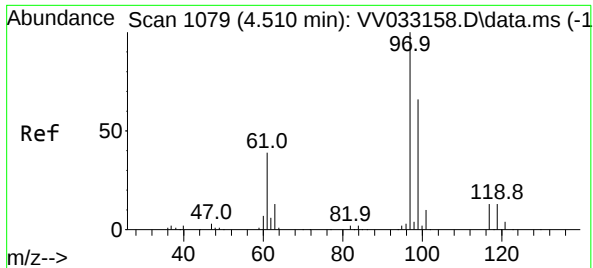
Lab File: VV033161.D

Acq: 07 Dec 2023 21:13

Tgt Ion: 96 Resp: 18128

Ion	Ratio	Lower	Upper
96	100		
61	111.6	79.1	146.9
98	63.1	45.1	83.7





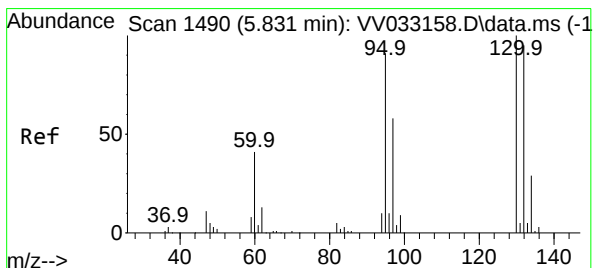
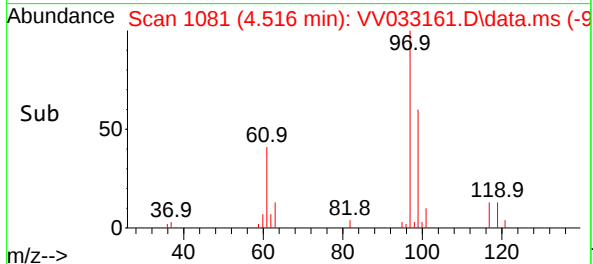
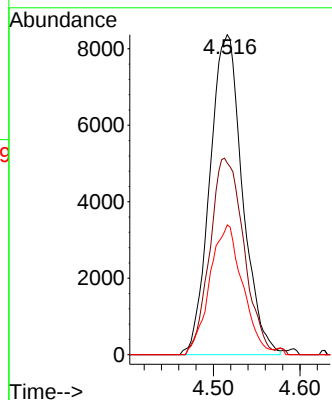
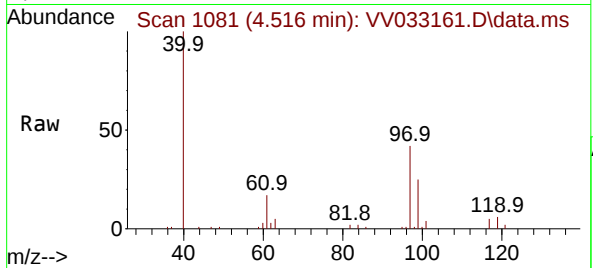
#30
1,1,1-Trichloroethane
Concen: 6.187 ug/L
RT: 4.516 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV033161.D
Acq: 07 Dec 2023 21:13

Instrument :
MSVOA_V
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Tgt Ion: 97	Resp: 2187
Ion Ratio	Lower Upper
97 100	
99 64.0	51.3 76.9
61 40.8	31.8 47.8

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#34
Trichloroethene
Concen: 164.252 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033161.D
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Tgt Ion: 95	Resp: 355737
Ion Ratio	Lower Upper
95 100	
97 64.1	45.8 85.0
132 106.8	77.4 143.8
130 109.0	76.9 142.7

