

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033143.D
 Acq On : 07 Dec 2023 13:53
 Operator : SY/MD
 Sample : 05644-02DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G18DL

Quant Time: Dec 08 01:38:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 01:34:57 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	5.535	114	283381	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	285110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56686	33.462	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.920%		
7) Chloroethane-d5	1.532	69	44962	38.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.180%		
11) 1,1-Dichloroethene-d2	2.060	65	23572	36.576	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.160%		
21) 2-Butanone-d5	3.783	46	81861	97.291	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.290%		
24) Chloroform-d	4.249	84	151888	42.249	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.500%		
26) 1,2-Dichloroethane-d4	4.941	65	99367	44.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.920%		
32) Benzene-d6	4.960	84	277539	41.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.240%		
36) 1,2-Dichloropropane-d6	5.989	67	77916	43.458	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.920%		
41) Toluene-d8	7.243	98	253962	39.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.860%#		
43) trans-1,3-Dichloroprop...	7.555	79	44004	38.814	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.620%		
47) 2-Hexanone-d5	8.024	63	63346	87.948	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.950%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112544	44.158	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.320%		
66) 1,2-Dichlorobenzene-d4	11.561	152	121697	47.638	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.280%		
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	4993	3.514	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	8639	4.365	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	6960m	1.975	ug/L	
34) Trichloroethene	5.834	95	80960	37.508	ug/L	97

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

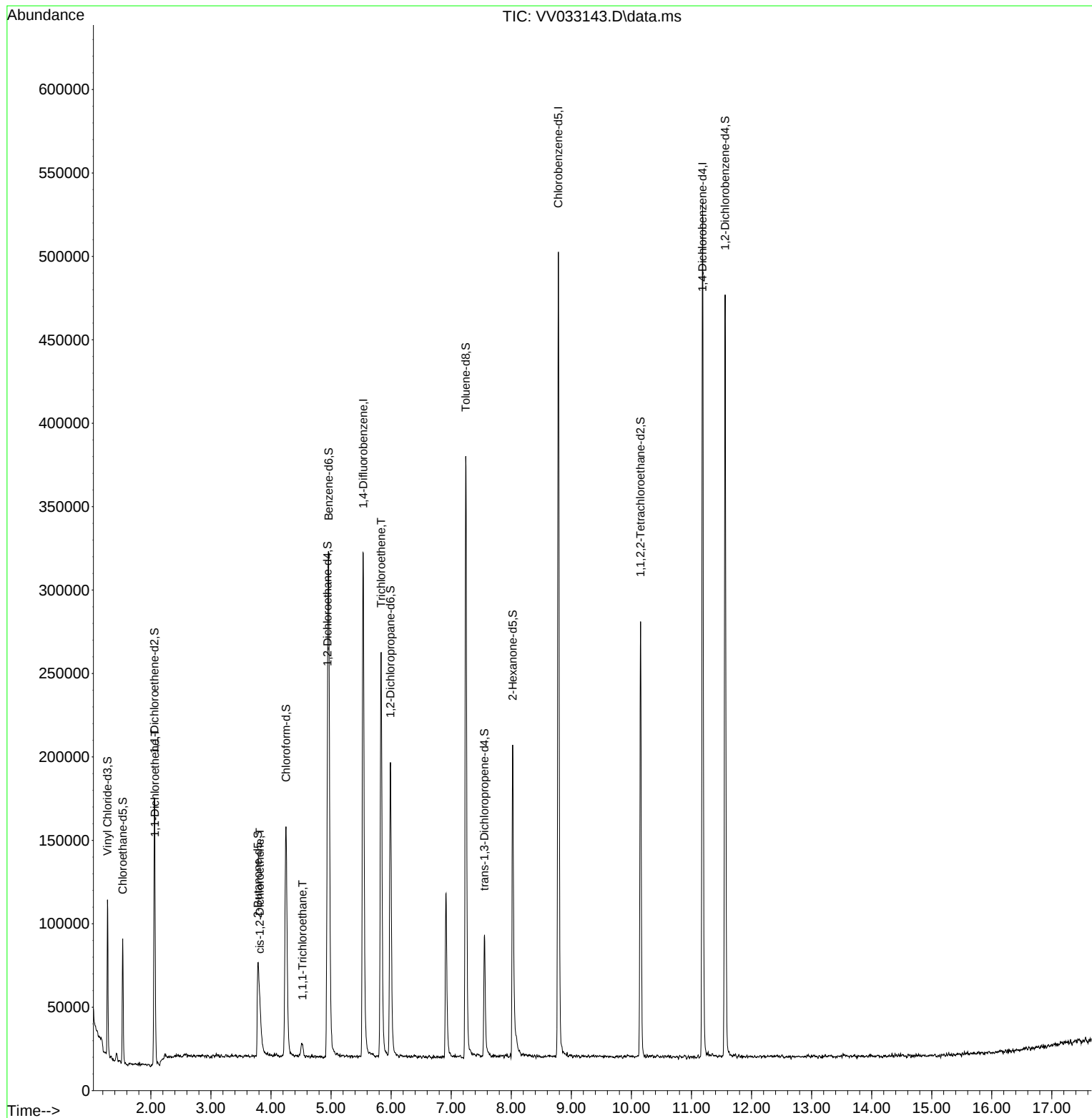
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120723\
Data File : VV033143.D
Acq On : 07 Dec 2023 13:53
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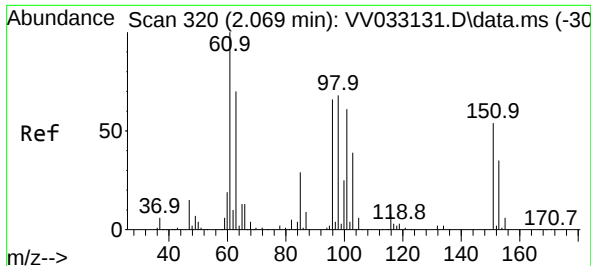
Instrument :
MSVOA_V
ClientSampleId :
C0G18DL

Quant Time: Dec 08 01:38:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 01:34:57 2023
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#12

1,1-Dichloroethene

Concen: 3.514 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033143.D

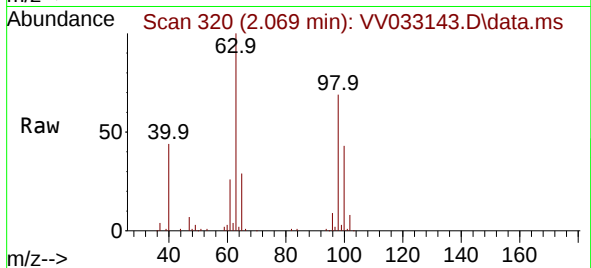
Acq: 07 Dec 2023 13:53

Instrument :

MSVOA_V

ClientSampleId :

C0G18DL



Tgt Ion: 96 Resp: 499

Ion Ratio Lower Upper

96 100

61 280.5 109.1 202.7

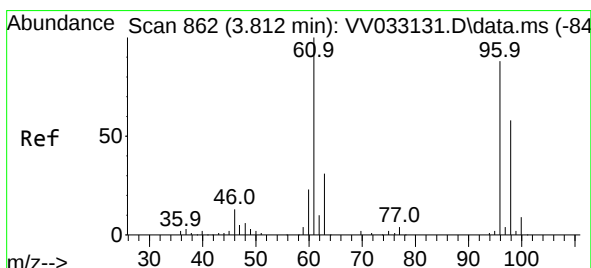
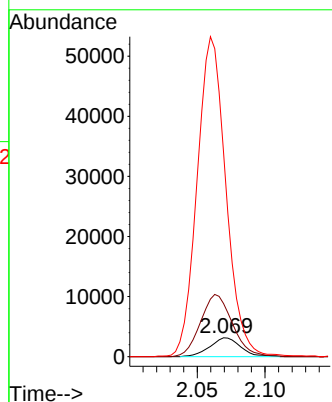
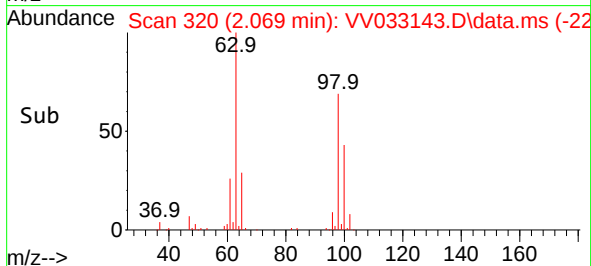
63 1078.3 85.3 158.1

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 4.365 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033143.D

Acq: 07 Dec 2023 13:53

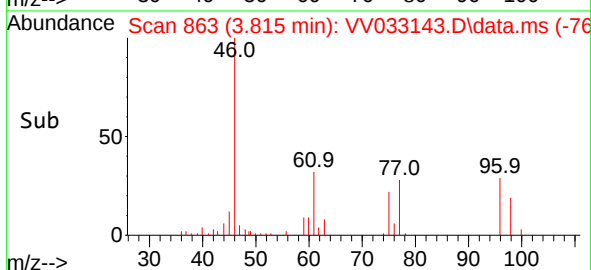
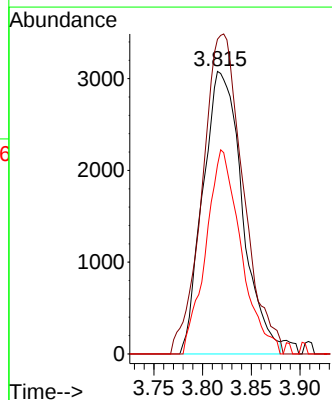
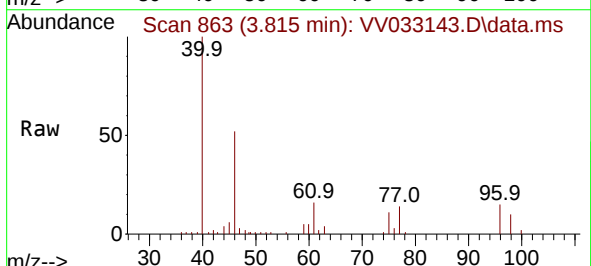
Tgt Ion: 96 Resp: 8639

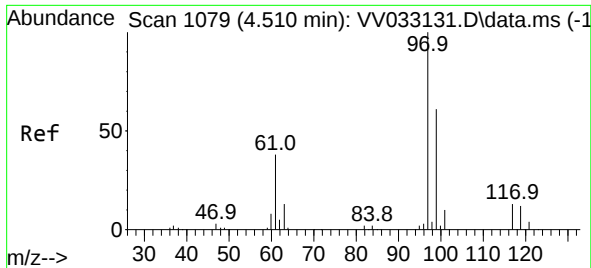
Ion Ratio Lower Upper

96 100

61 111.4 79.1 146.9

98 66.8 45.1 83.7





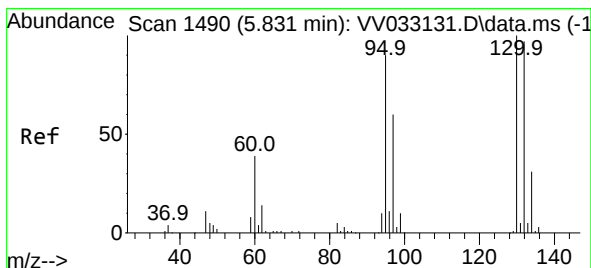
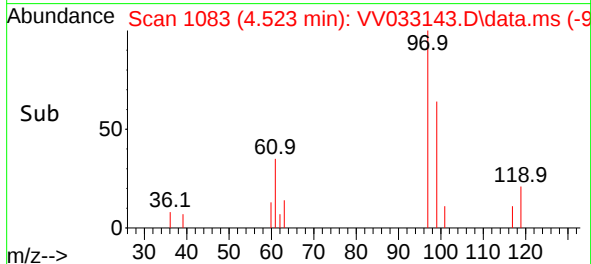
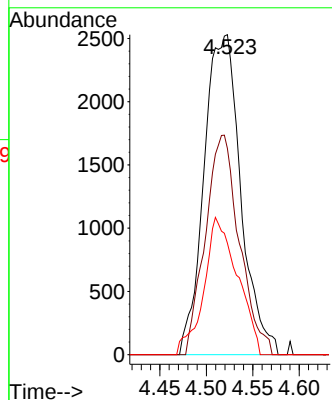
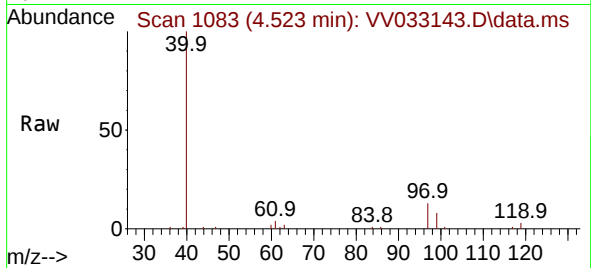
#30
1,1,1-Trichloroethane
Concen: 1.975 ug/L m
RT: 4.523 min Scan# 1083
Delta R.T. 0.013 min
Lab File: VV033143.D
Acq: 07 Dec 2023 13:53

Instrument :
MSVOA_V
ClientSampleId :
C0G18DL

Tgt Ion: 97 Resp: 6960
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 39.2 31.8 47.8

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#34
Trichloroethene
Concen: 37.508 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033143.D
Acq: 07 Dec 2023 13:53

Tgt Ion: 95 Resp: 80960
Ion Ratio Lower Upper
95 100
97 64.6 45.8 85.0
132 106.3 77.4 143.8
130 107.7 76.9 142.7

