

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120723\
 Data File : VV033167.D
 Acq On : 07 Dec 2023 23:33
 Operator : SY/MD
 Sample : 05689-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G86

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 04:18:24 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	277537	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	284513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47848	28.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.680%#		
7) Chloroethane-d5	1.532	69	40674	35.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.360%		
11) 1,1-Dichloroethene-d2	2.060	65	20669	32.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.500%		
21) 2-Butanone-d5	3.780	46	78741	95.554	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.550%		
24) Chloroform-d	4.249	84	142506	40.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.940%		
26) 1,2-Dichloroethane-d4	4.941	65	96062	43.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.760%		
32) Benzene-d6	4.960	84	250150	37.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.180%		
36) 1,2-Dichloropropane-d6	5.989	67	72500	40.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.040%		
41) Toluene-d8	7.243	98	228013	35.921	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.840%#		
43) trans-1,3-Dichloroprop...	7.555	79	40917	36.167	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.340%		
47) 2-Hexanone-d5	8.021	63	64006	89.051	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.050%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112028	44.048	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.100%		
66) 1,2-Dichlorobenzene-d4	11.561	152	116886	45.085	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.160%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	5050	3.629	ug/L #	1
20) cis-1,2-Dichloroethene	3.822	96	6065	3.129	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	4032m	1.147	ug/L	
34) Trichloroethene	5.834	95	78768	36.569	ug/L	97

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

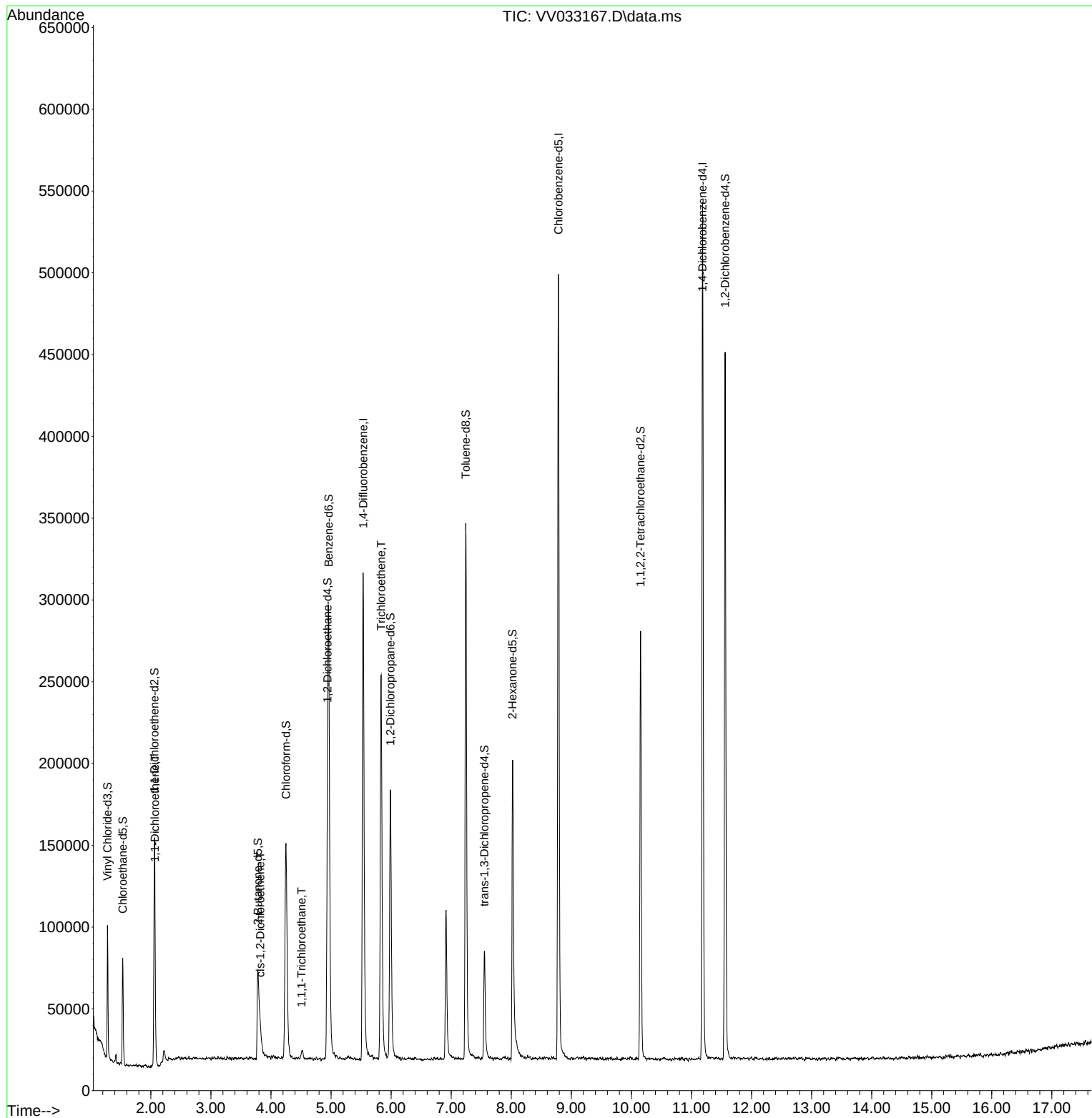
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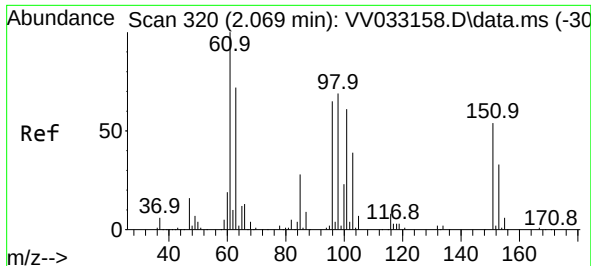
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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 04:15:58 2023
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#12

1,1-Dichloroethene

Concen: 3.629 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033167.D

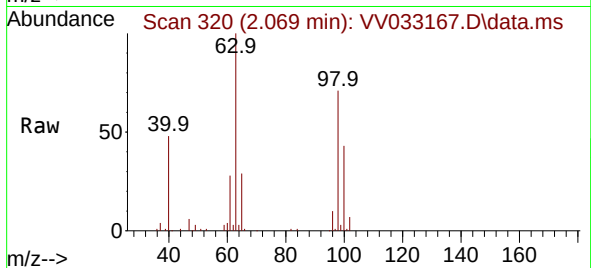
Acq: 07 Dec 2023 23:33

Instrument :

MSVOA_V

ClientSampleId :

C0G86



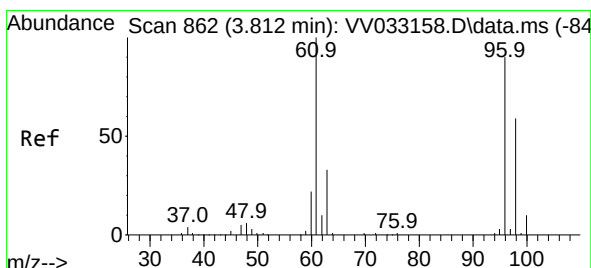
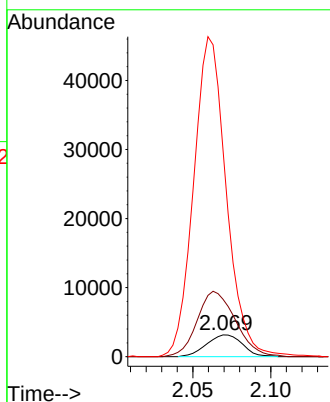
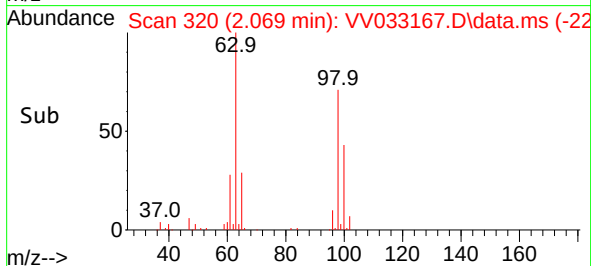
Tgt Ion: 96 Resp: 5050

Ion	Ratio	Lower	Upper
96	100		
61	264.7	109.1	202.7
63	953.7	85.3	158.3

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#20

cis-1,2-Dichloroethene

Concen: 3.129 ug/L

RT: 3.822 min Scan# 865

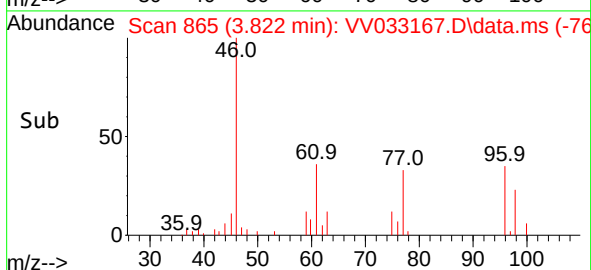
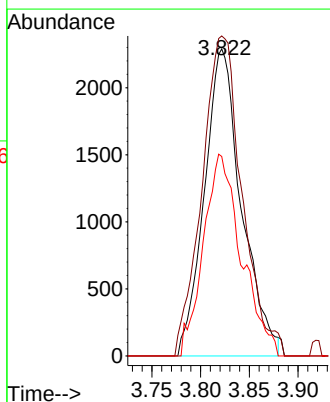
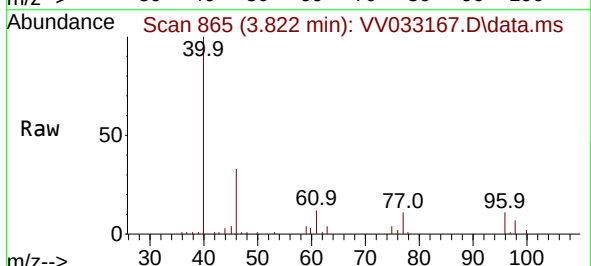
Delta R.T. 0.010 min

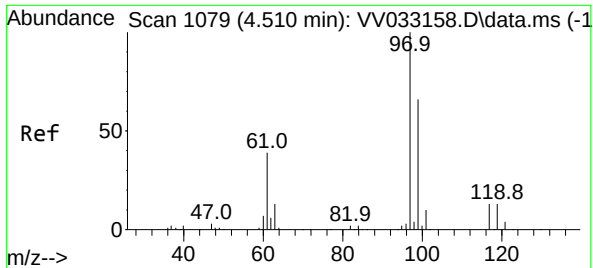
Lab File: VV033167.D

Acq: 07 Dec 2023 23:33

Tgt Ion: 96 Resp: 6065

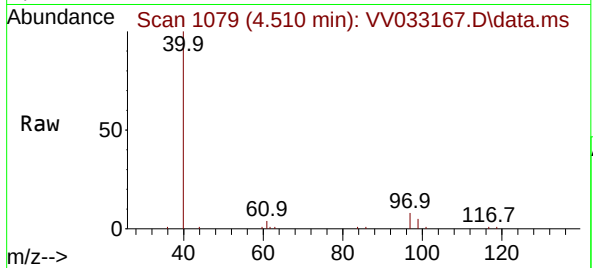
Ion	Ratio	Lower	Upper
96	100		
61	104.2	79.1	146.9
98	65.0	45.1	83.7





#30
1,1,1-Trichloroethane
Concen: 1.147 ug/L m
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
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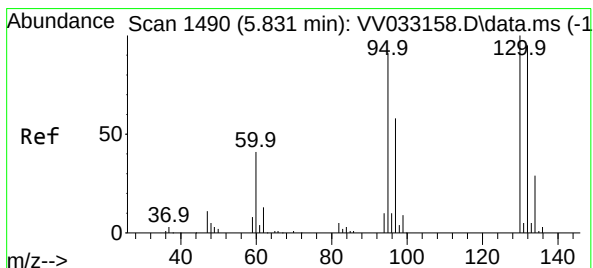
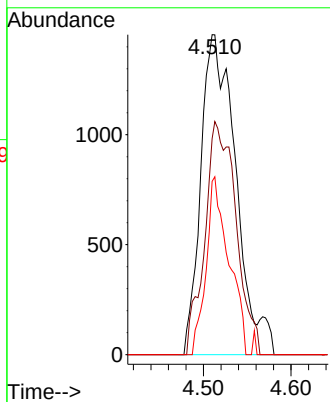
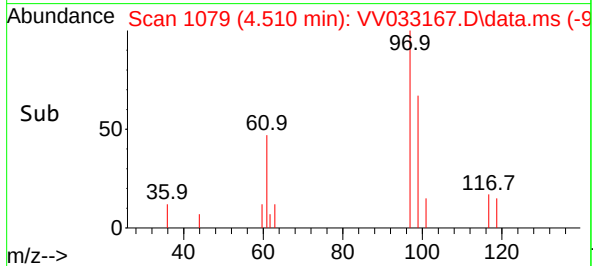
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Tgt Ion: 97 Resp: 4032
Ion Ratio Lower Upper
97 100
99 22.9 51.3 76.9
61 36.0 31.8 47.8

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#34
Trichloroethene
Concen: 36.569 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033167.D
Acq: 07 Dec 2023 23:33

Tgt Ion: 95 Resp: 78768
Ion Ratio Lower Upper
95 100
97 66.5 45.8 85.0
132 107.5 77.4 143.8
130 114.0 76.9 142.7

