

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 :

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

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

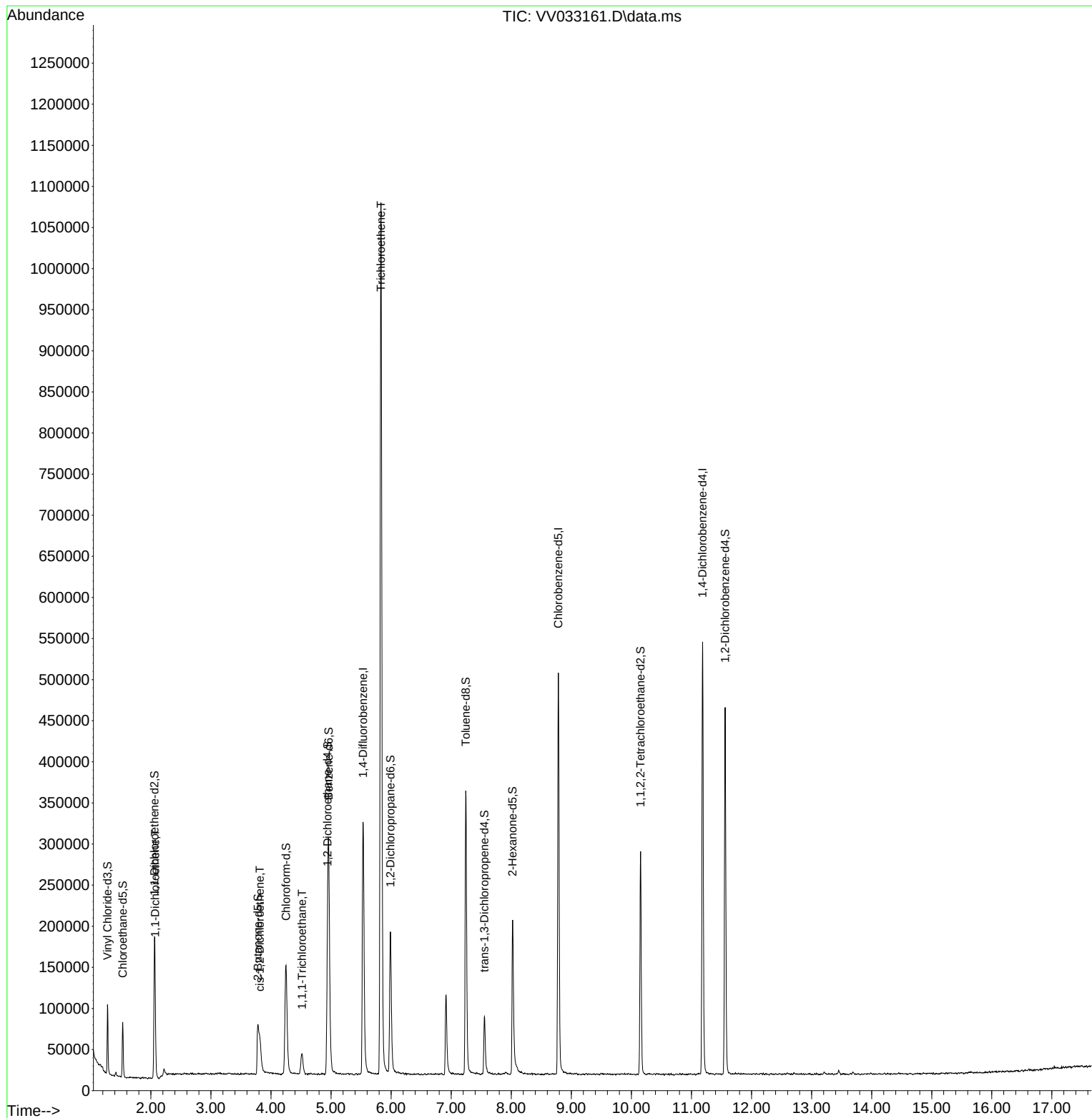
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	287009	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	286078	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51909	30.255	ug/L	0.00
Spiked Amount	50.000	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	3.812	96	7780	3.881	ug/L	93
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

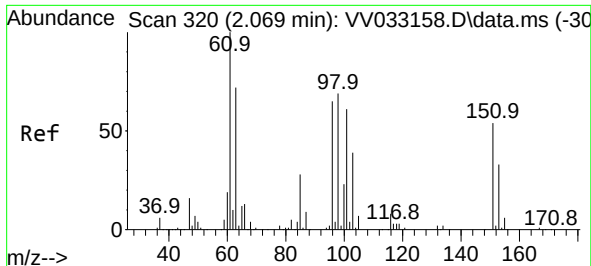
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.104 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

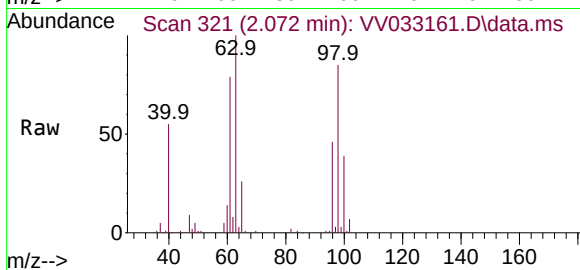
Lab File: VV033161.D

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Instrument :

MSVOA_V

ClientSampleId :



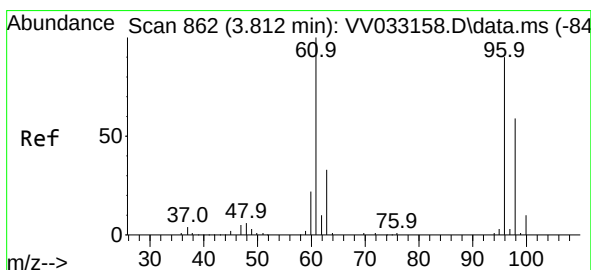
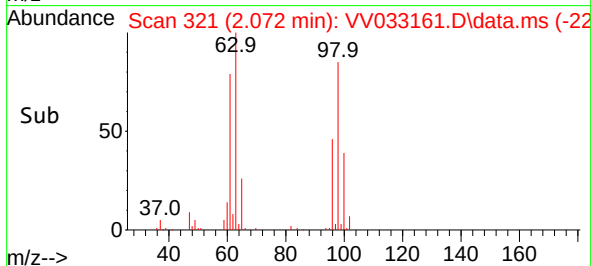
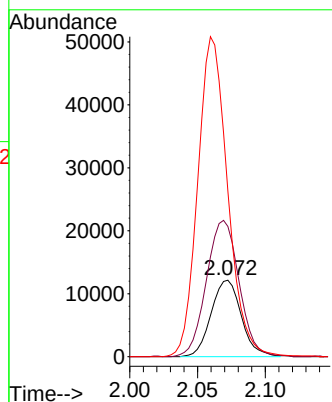
Tgt Ion: 96 Resp: 18856

Ion Ratio Lower Upper

96 100

61 170.4 109.1 202.7

63 216.5 85.3 158.3#



#20

cis-1,2-Dichloroethene

Concen: 3.881 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

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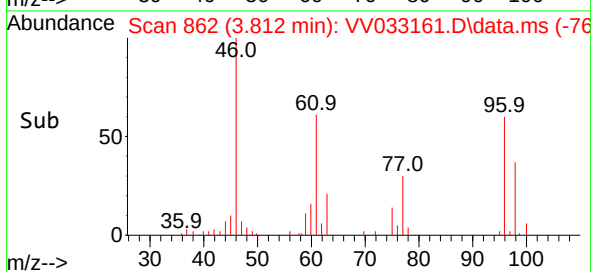
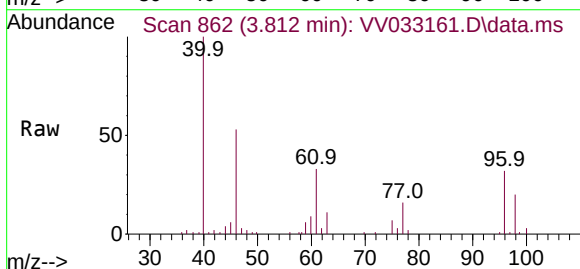
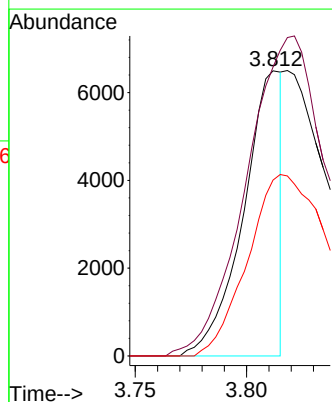
Tgt Ion: 96 Resp: 7780

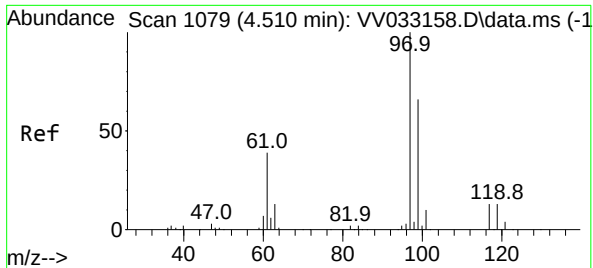
Ion Ratio Lower Upper

96 100

61 101.3 79.1 146.9

98 63.9 45.1 83.7

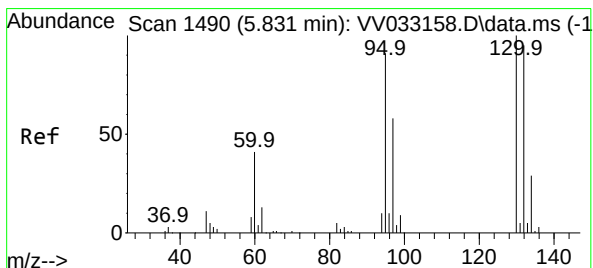
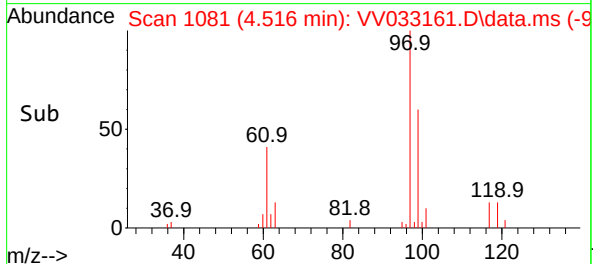
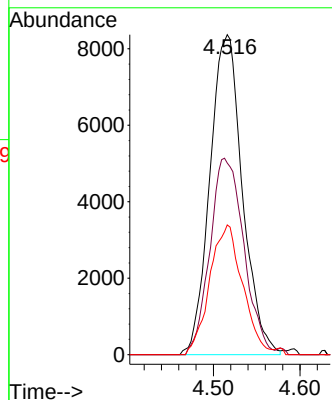
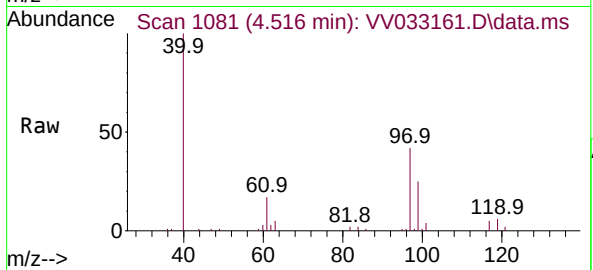




#30
1,1,1-Trichloroethane
Concen: 6.187 ug/L
RT: 4.516 min Scan# 1079
Delta R.T. 0.006 min
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Tgt Ion: 97 Resp: 21873
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 40.8 31.8 47.8



#34
Trichloroethene
Concen: 164.252 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033161.D
Acq: 07 Dec 2023 21:13

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

