

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033511.D
 Acq On : 20 Dec 2023 14:56
 Operator : SY/MD
 Sample : 05927-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:47:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

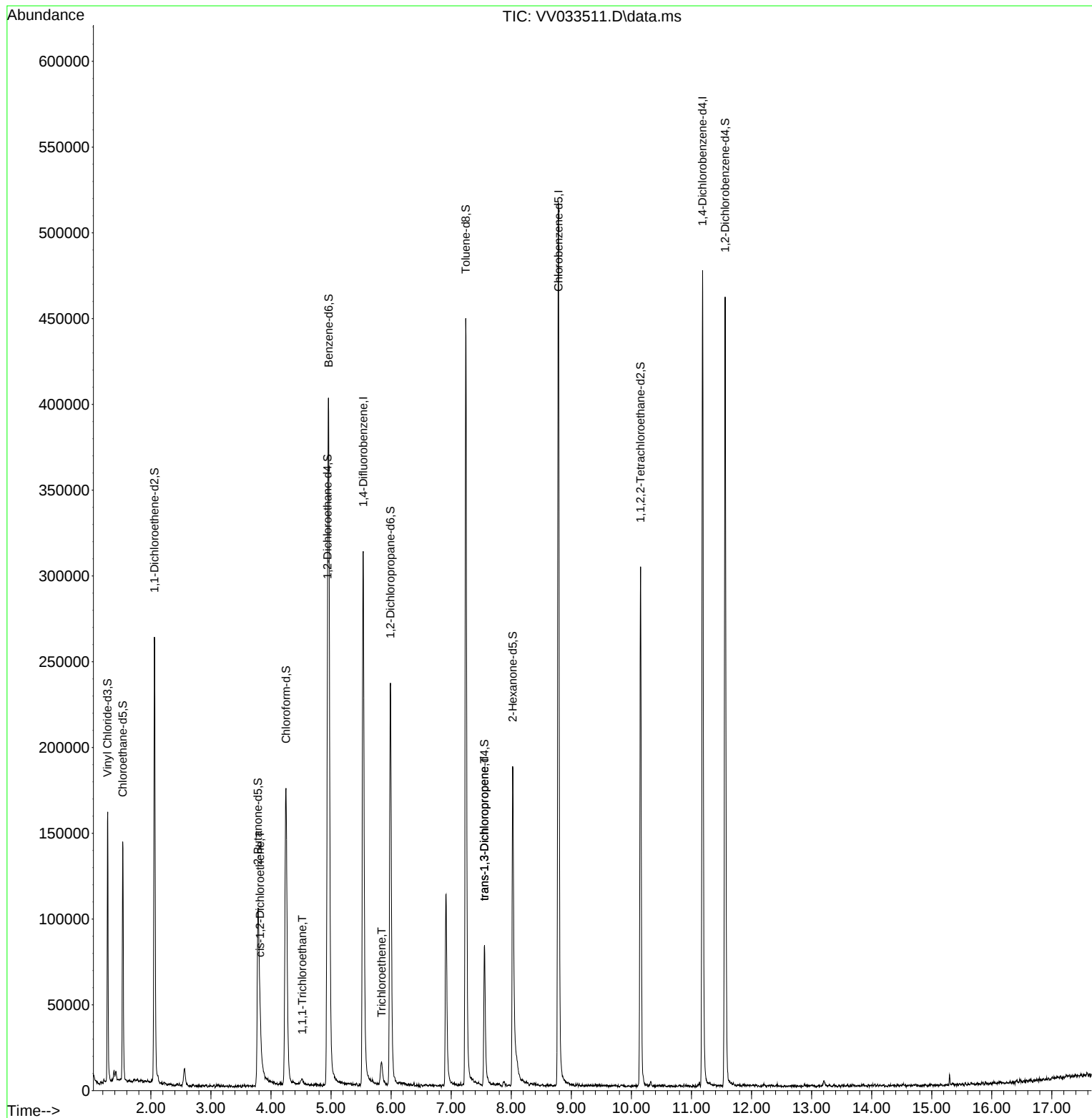
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	265579	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	271625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	113519	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	96333	47.102	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.200%
7) Chloroethane-d5	1.532	69	88873	48.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.840%
11) 1,1-Dichloroethene-d2	2.059	65	43705	42.928	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.860%
21) 2-Butanone-d5	3.783	46	99112	96.154	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.150%
24) Chloroform-d	4.249	84	184573	45.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.240%
26) 1,2-Dichloroethane-d4	4.940	65	119140	47.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
32) Benzene-d6	4.960	84	350596	47.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	5.989	67	112711	50.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.520%
41) Toluene-d8	7.243	98	289712	43.279	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.560%
43) trans-1,3-Dichloroprop...	7.554	79	47743	43.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.760%
47) 2-Hexanone-d5	8.024	63	60250	80.678	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.680%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	142459	44.641	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	110379	51.743	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.480%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.818	96	6281	3.132	ug/L	95
30) 1,1,1-Trichloroethane	4.519	97	2537	0.756	ug/L #	60
34) Trichloroethene	5.841	95	3197	1.610	ug/L	84
44) trans-1,3-Dichloropropene	7.554	75	2508	0.875	ug/L #	74

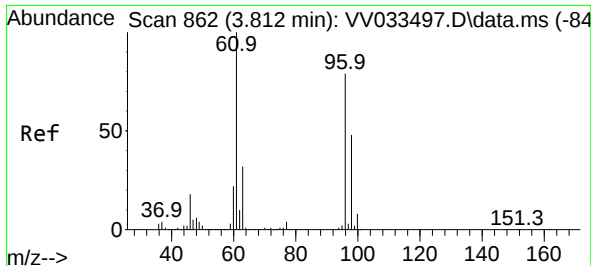
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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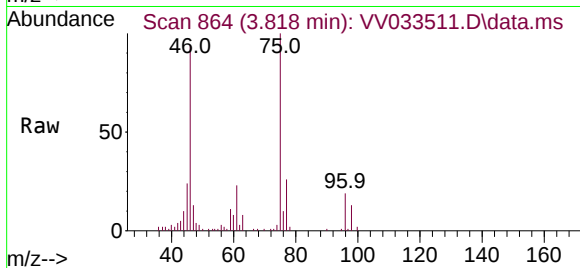
Quant Time: Dec 21 01:47:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
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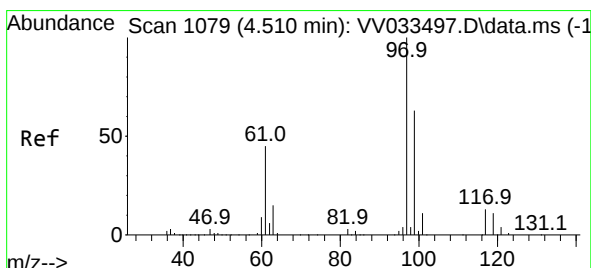
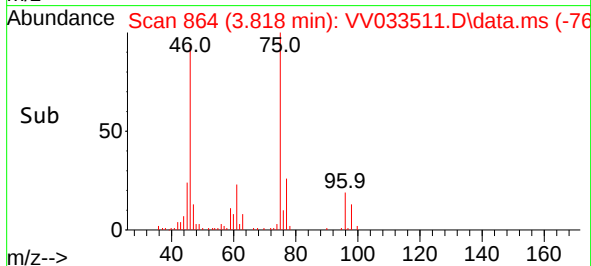
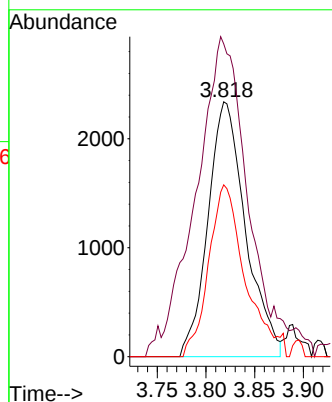


#20
 cis-1,2-Dichloroethene
 Concen: 3.132 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV033511.D
 Acq: 20 Dec 2023 14:56

Instrument :
 MSVOA_V
 ClientSampleId :

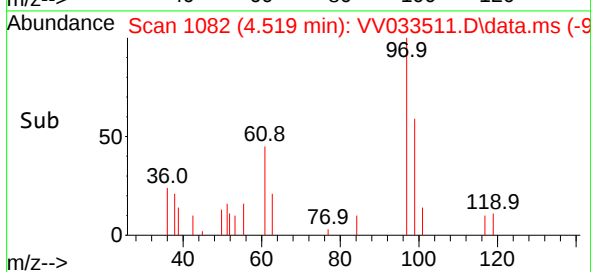
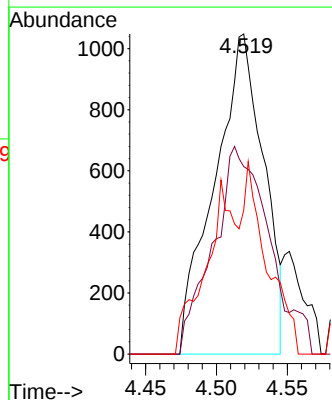
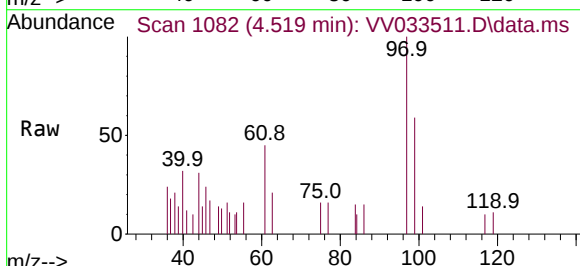


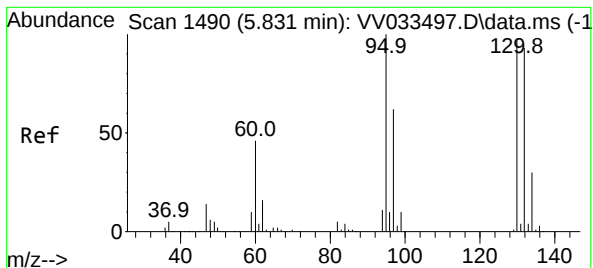
Tgt Ion: 96	Resp: 6281		
Ion Ratio	Lower	Upper	
96	100		
61	122.7	81.9	152.1
98	67.4	44.3	82.3



#30
 1,1,1-Trichloroethane
 Concen: 0.756 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. 0.009 min
 Lab File: VV033511.D
 Acq: 20 Dec 2023 14:56

Tgt Ion: 97	Resp: 2537
Ion Ratio	Lower Upper
97 100	
99 39.0	51.8 77.6#
61 11.4	34.8 52.2#





#34

Trichloroethene

Concen: 1.610 ug/L

RT: 5.841 min Scan# 1490

Delta R.T. 0.009 min

Lab File: VV033511.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 3197

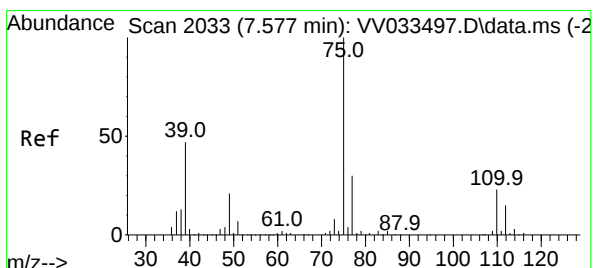
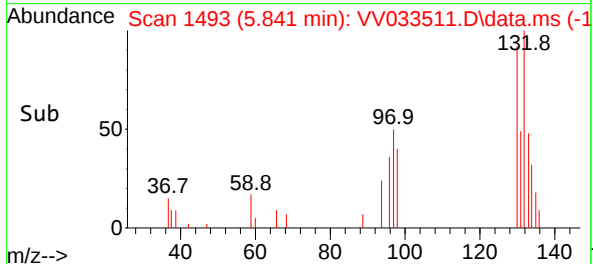
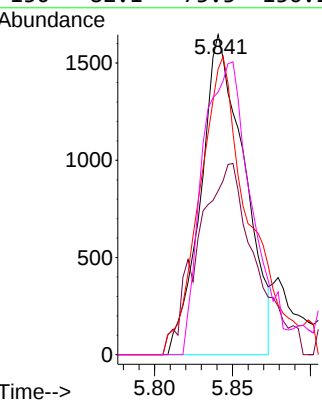
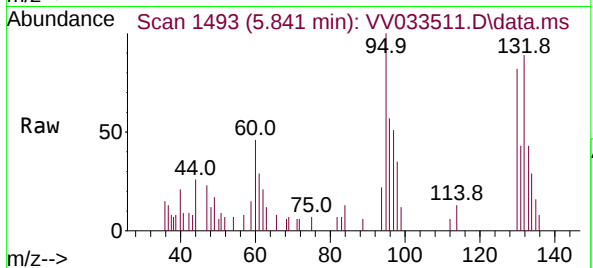
Ion Ratio Lower Upper

95 100

97 51.2 44.8 83.2

132 89.2 69.9 129.7

130 82.1 73.3 136.1



#44

trans-1,3-Dichloropropene

Concen: 0.875 ug/L

RT: 7.554 min Scan# 2026

Delta R.T. -0.023 min

Lab File: VV033511.D

Acq: 20 Dec 2023 14:56

Tgt Ion: 75 Resp: 2508

Ion Ratio Lower Upper

75 100

77 46.4 22.4 41.6#

