

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033512.D
 Acq On : 20 Dec 2023 15:19
 Operator : SY/MD
 Sample : 05927-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGWA4

Quant Time: Dec 21 01:47:54 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)

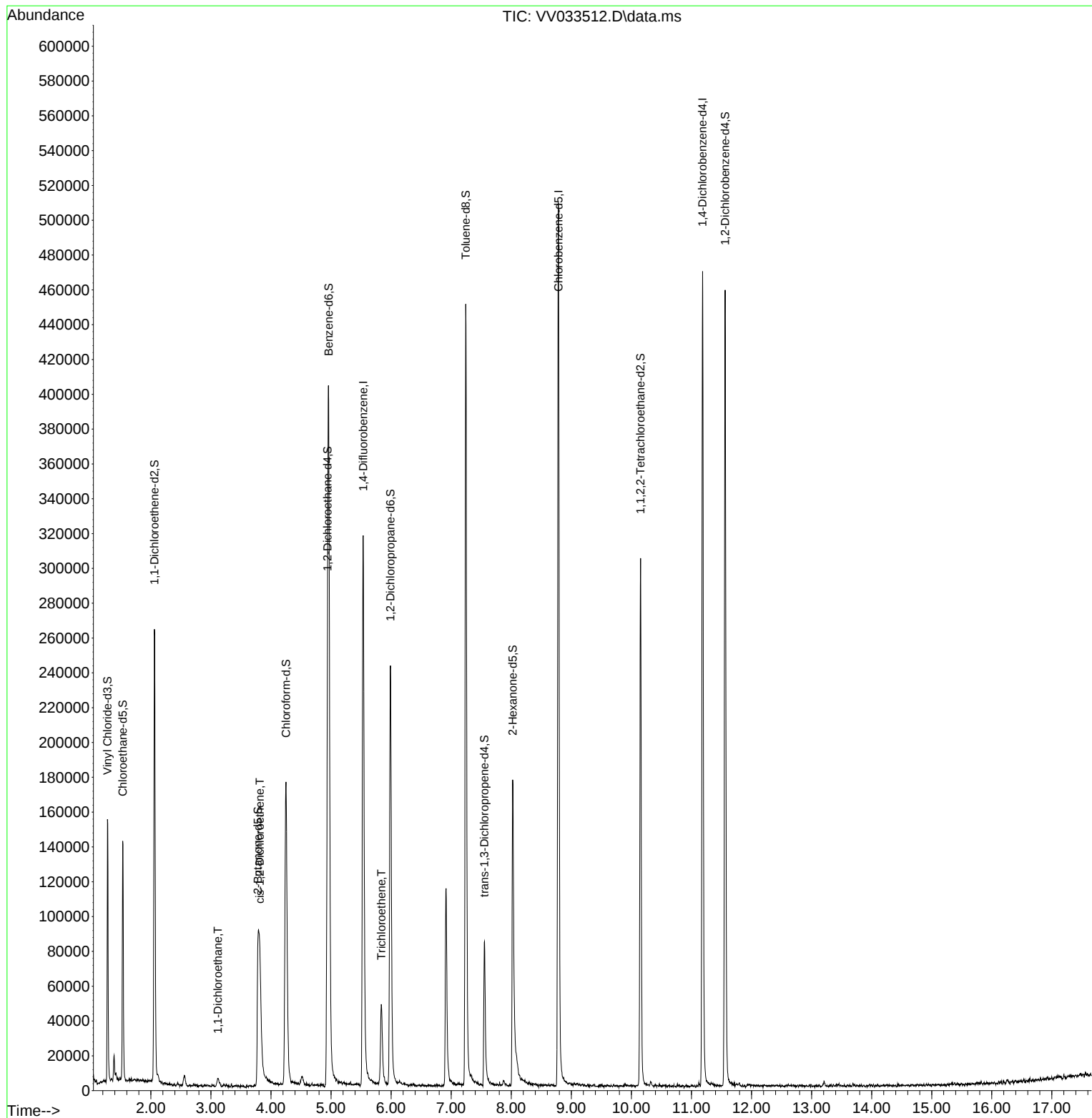
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	264663	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	274008	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	96531	47.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.720%
7) Chloroethane-d5	1.532	69	88097	48.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.340%
11) 1,1-Dichloroethene-d2	2.060	65	44658	44.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.040%
21) 2-Butanone-d5	3.783	46	92643	90.190	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.190%
24) Chloroform-d	4.249	84	187143	46.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	4.941	65	122845	49.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.200%
32) Benzene-d6	4.960	84	351456	47.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	5.989	67	112896	50.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.800%
41) Toluene-d8	7.243	98	294559	43.621	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.240%
43) trans-1,3-Dichloroprop...	7.555	79	48027	43.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.500%
47) 2-Hexanone-d5	8.024	63	57436	76.241	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.240%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	139551	43.350	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.700%
66) 1,2-Dichlorobenzene-d4	11.561	152	110468	51.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.060%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.117	63	4930	1.459	ug/L	92
20) cis-1,2-Dichloroethene	3.815	96	25583	12.799	ug/L	92
34) Trichloroethene	5.838	95	16649	8.309	ug/L	93

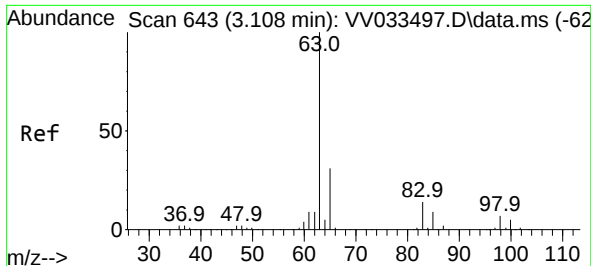
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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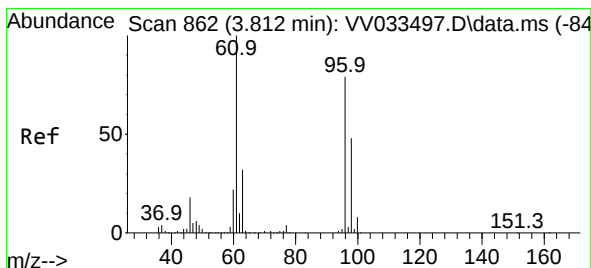
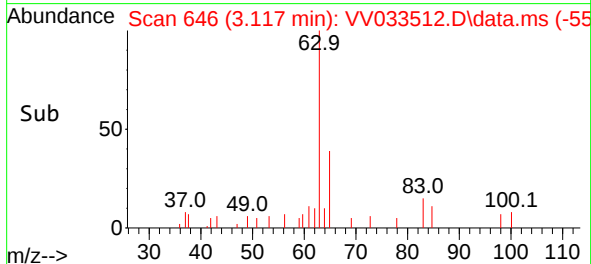
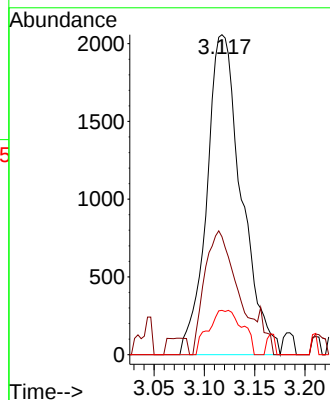
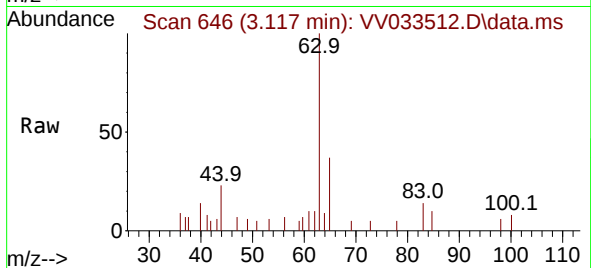




#19
 1,1-Dichloroethane
 Concen: 1.459 ug/L
 RT: 3.117 min Scan# 64
 Delta R.T. 0.010 min
 Lab File: VV033512.D
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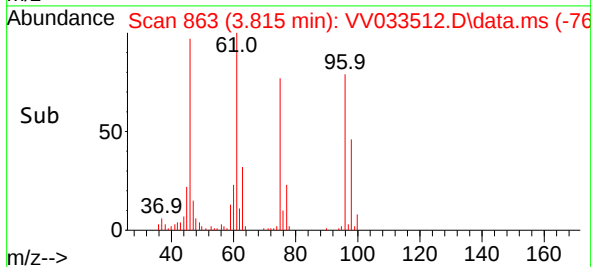
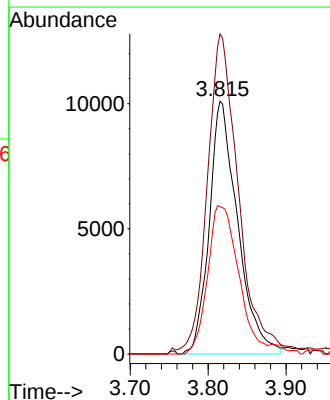
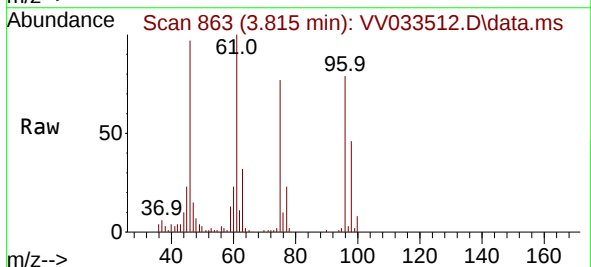
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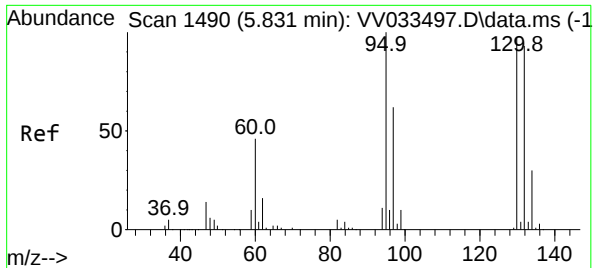
Tgt Ion: 63 Resp: 4930
 Ion Ratio Lower Upper
 63 100
 65 36.8 21.1 39.3
 83 13.8 9.7 17.9



#20
 cis-1,2-Dichloroethene
 Concen: 12.799 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033512.D
 Acq: 20 Dec 2023 15:19

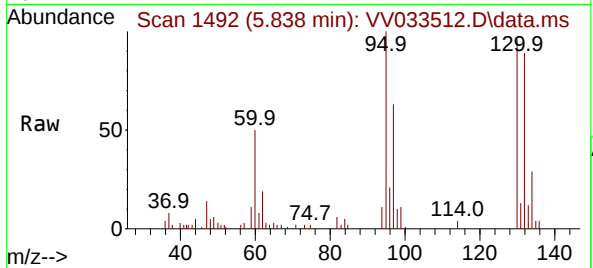
Tgt Ion: 96 Resp: 25583
 Ion Ratio Lower Upper
 96 100
 61 126.5 81.9 152.1
 98 58.3 44.3 82.3





#34
 Trichloroethene
 Concen: 8.309 ug/L
 RT: 5.838 min Scan# 14
 Delta R.T. 0.006 min
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Tgt Ion: 95 Resp: 16649

Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.8	83.2
132	88.9	69.9	129.7
130	96.4	73.3	136.1

