

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033510.D
 Acq On : 20 Dec 2023 14:33
 Operator : SY/MD
 Sample : 05927-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3J3

Quant Time: Dec 21 01:47:26 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)

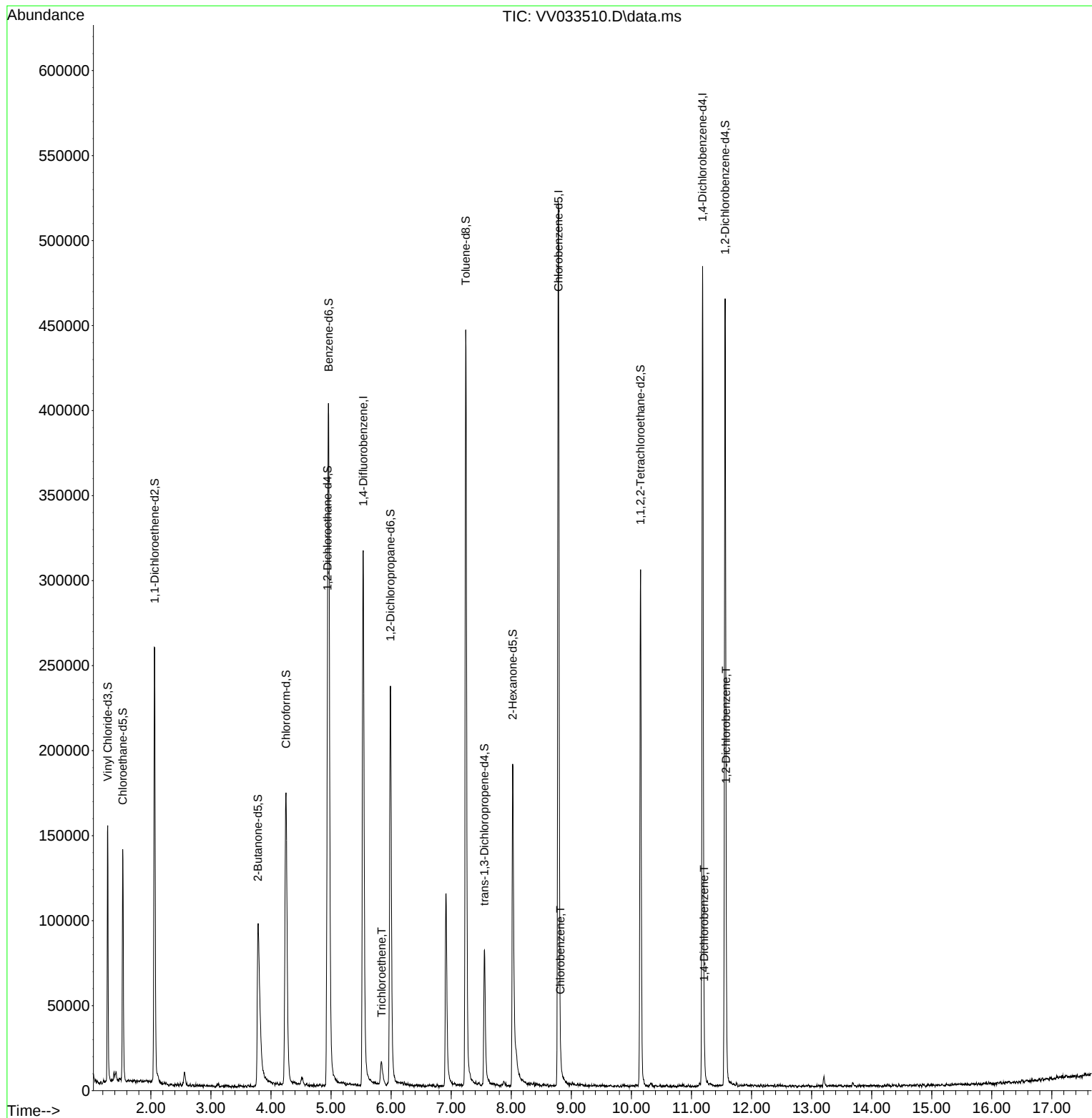
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	268562	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	276861	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	95758	46.301	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.600%		
7) Chloroethane-d5	1.532	69	88733	47.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.620%		
11) 1,1-Dichloroethene-d2	2.063	65	44441	43.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.340%		
21) 2-Butanone-d5	3.783	46	92955	89.180	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.180%		
24) Chloroform-d	4.249	84	185230	45.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.560%		
26) 1,2-Dichloroethane-d4	4.941	65	118942	47.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.660%		
32) Benzene-d6	4.960	84	349365	46.852	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.700%		
36) 1,2-Dichloropropane-d6	5.989	67	112381	49.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.320%		
41) Toluene-d8	7.243	98	292642	42.890	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.780%		
43) trans-1,3-Dichloroprop...	7.555	79	48600	43.818	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.640%		
47) 2-Hexanone-d5	8.024	63	60868	79.964	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.960%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	141873	43.617	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.240%		
66) 1,2-Dichlorobenzene-d4	11.561	152	109673	50.959	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.920%		
Target Compounds						
					Qvalue	
34) Trichloroethene	5.841	95	3730	1.842	ug/L	93
51) Chlorobenzene	8.818	112	3035	0.538	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	2818	0.775	ug/L	88
67) 1,2-Dichlorobenzene	11.577	146	3374	0.959	ug/L #	79

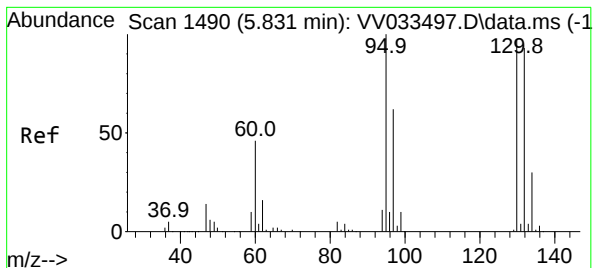
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#34

Trichloroethene

Concen: 1.842 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

Lab File: VV033510.D

Acq: 20 Dec 2023 14:33

Instrument :

MSVOA_V

ClientSampleId :

BH3J3

Tgt Ion: 95 Resp: 3730

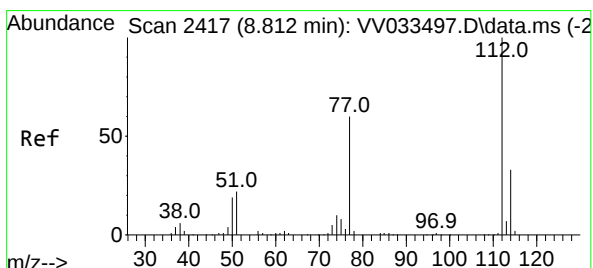
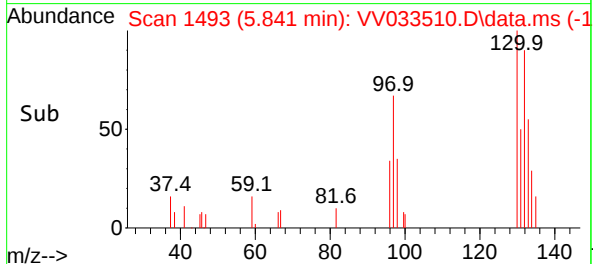
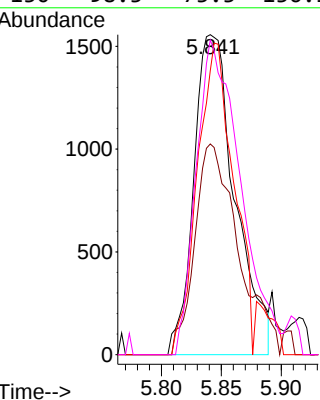
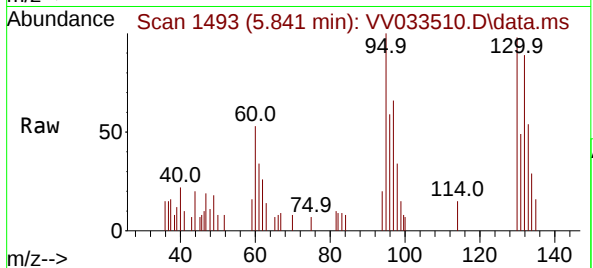
Ion Ratio Lower Upper

95 100

97 65.8 44.8 83.2

132 88.8 69.9 129.7

130 98.3 73.3 136.1



#51

Chlorobenzene

Concen: 0.538 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.006 min

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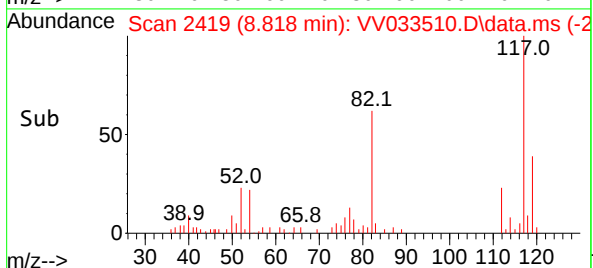
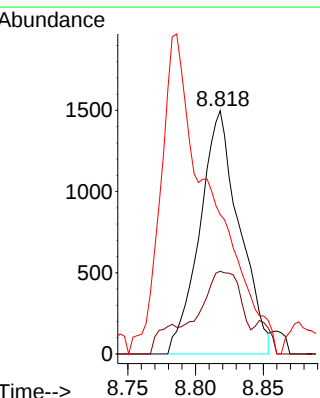
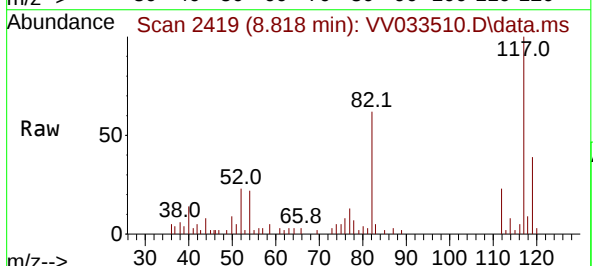
Tgt Ion: 112 Resp: 3035

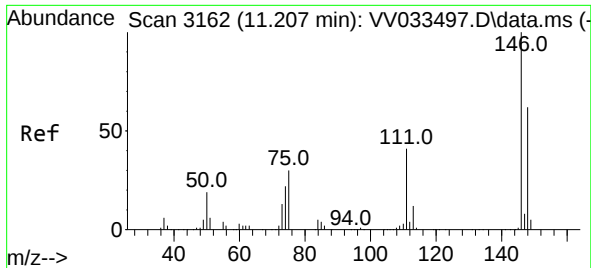
Ion Ratio Lower Upper

112 100

114 34.0 22.5 41.7

77 57.3 45.2 67.8

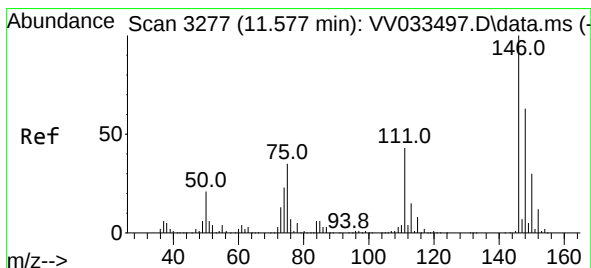
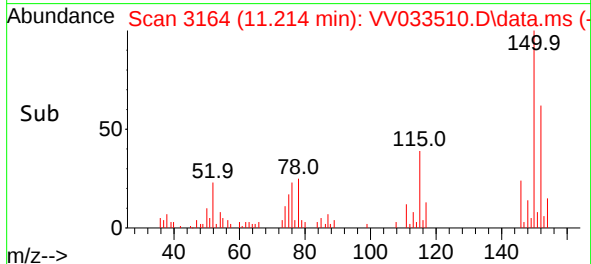
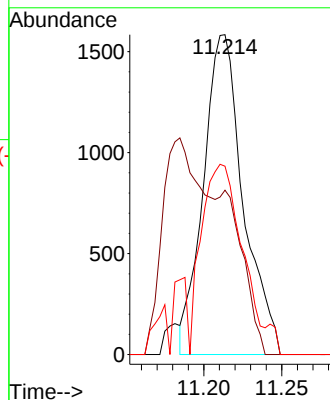
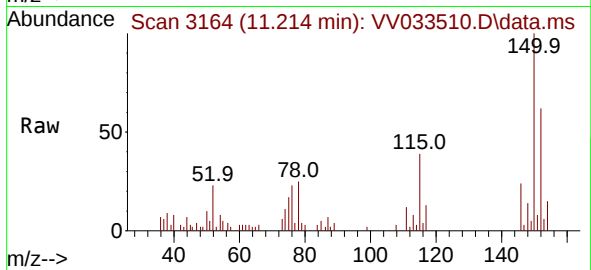




#65
1,4-Dichlorobenzene
Concen: 0.775 ug/L
RT: 11.214 min Scan# 3162
Delta R.T. 0.006 min
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Tgt Ion:146 Resp: 2818
Ion Ratio Lower Upper
146 100
111 51.4 27.9 51.7
148 58.9 45.5 84.5



#67
1,2-Dichlorobenzene
Concen: 0.959 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV033510.D
Acq: 20 Dec 2023 14:33

Tgt Ion:146 Resp: 3374
Ion Ratio Lower Upper
146 100
111 70.3 33.5 50.3#
148 68.4 51.1 76.7

