

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052824\
 Data File : VW035836.D
 Acq On : 28 May 2024 11:24
 Operator : SY/MD
 Sample : P2589-22
 Misc : 6.25g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 02:25:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

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

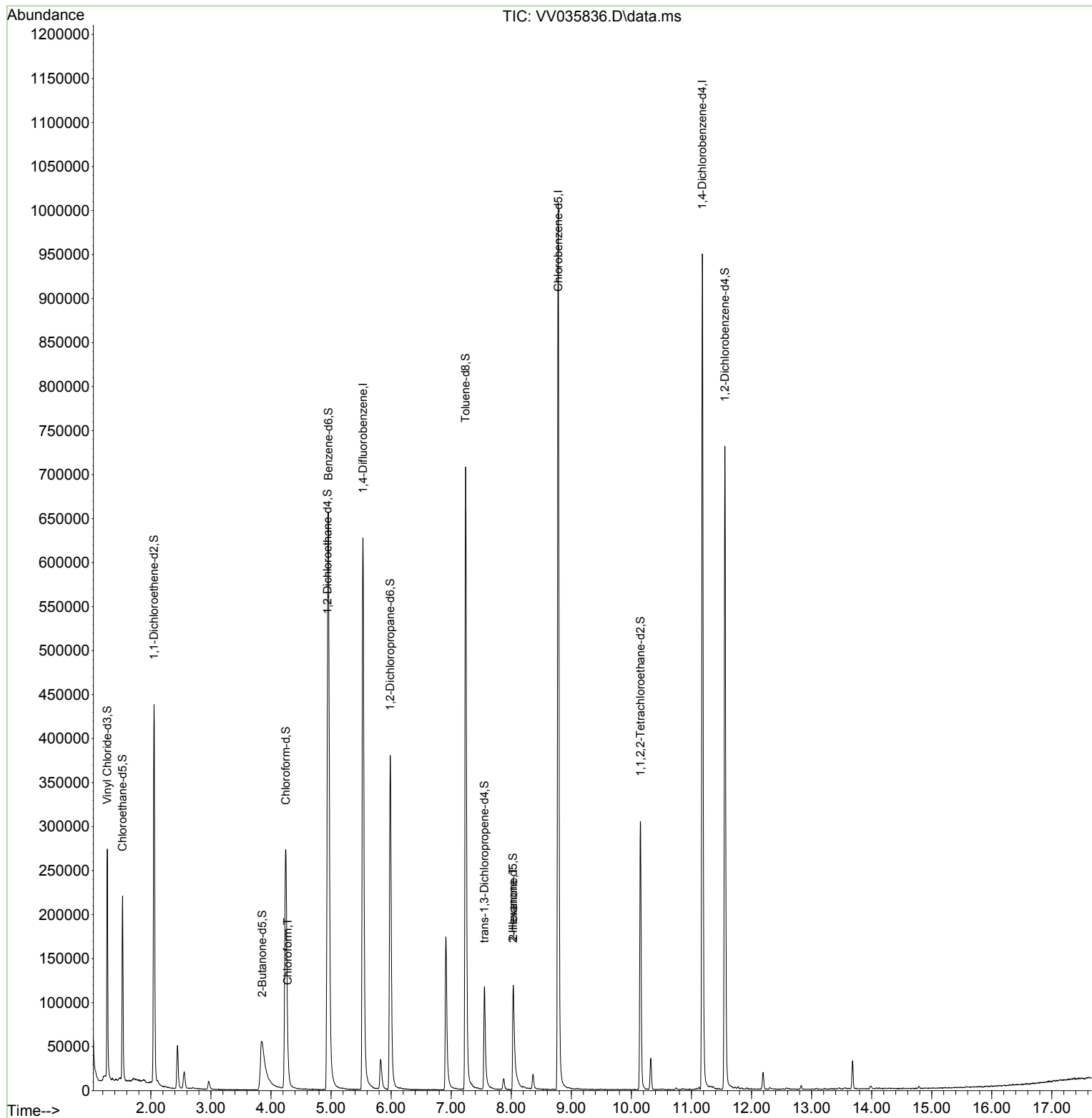
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	561718	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	578085	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	255542	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	165288	19.038	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.160%		
7) Chloroethane-d5	1.529	69	136983	19.558	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.240%		
11) 1,1-Dichloroethene-d2	2.053	65	73725	19.181	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.720%		
21) 2-Butanone-d5	3.854	46	54449	22.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	44.200%		
24) Chloroform-d	4.246	84	308519	18.475	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.880%		
26) 1,2-Dichloroethane-d4	4.941	65	176345	21.361	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.440%		
32) Benzene-d6	4.957	84	603806	19.081	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.320%		
36) 1,2-Dichloropropane-d6	5.986	67	198057	20.281	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.120%		
41) Toluene-d8	7.239	98	502696	17.849	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.400%		
43) trans-1,3-Dichloroprop...	7.555	79	78603	18.820	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.280%		
47) 2-Hexanone-d5	8.030	63	51058	29.076	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.160%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	157035	16.688	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	66.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	196483	22.155	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.640%		
Target Compounds					Qvalue	
25) Chloroform	4.278	83	9840	0.520	ug/L	98
48) 2-Hexanone	8.034	43	5210	1.162	ug/L	# 71

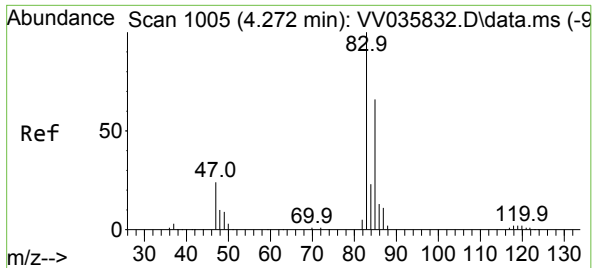
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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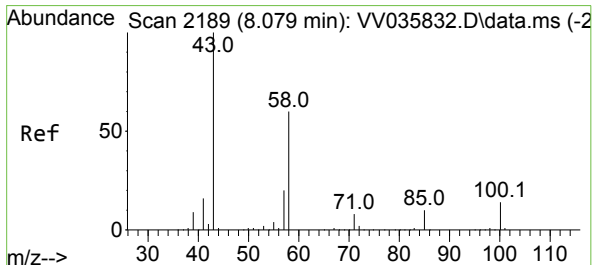
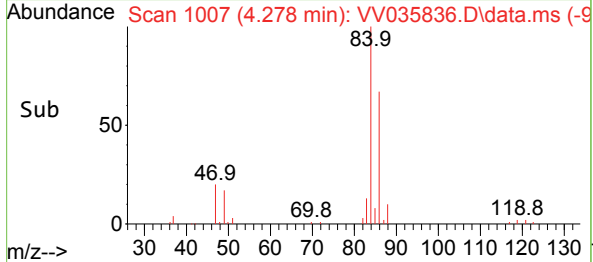
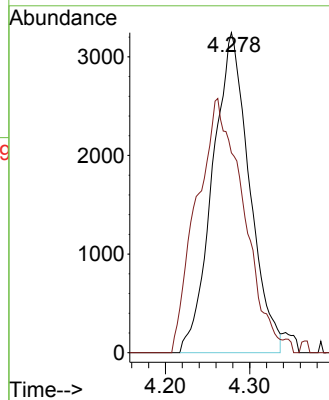
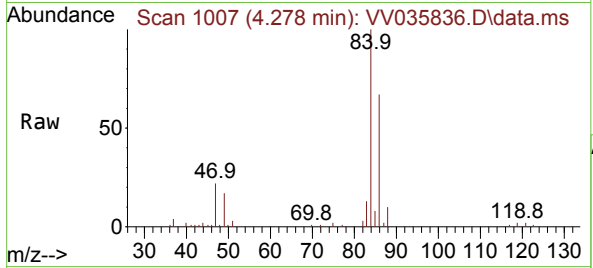




#25
Chloroform
Concen: 0.520 ug/L
RT: 4.278 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV035836.D
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Instrument :
MSVOA_V
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Tgt Ion: 83 Resp: 9840
Ion Ratio Lower Upper
83 100
85 62.5 44.7 82.9



#48
2-Hexanone
Concen: 1.162 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV035836.D
Acq: 28 May 2024 11:24

Tgt Ion: 43 Resp: 5210
Ion Ratio Lower Upper
43 100
58 45.0 48.8 73.2#
57 47.8 16.9 25.3#
100 6.4 11.7 17.5#

