

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036305.D
 Acq On : 27 Jun 2024 13:28
 Operator : SY/MD
 Sample : P2962-14
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 02:28:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

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

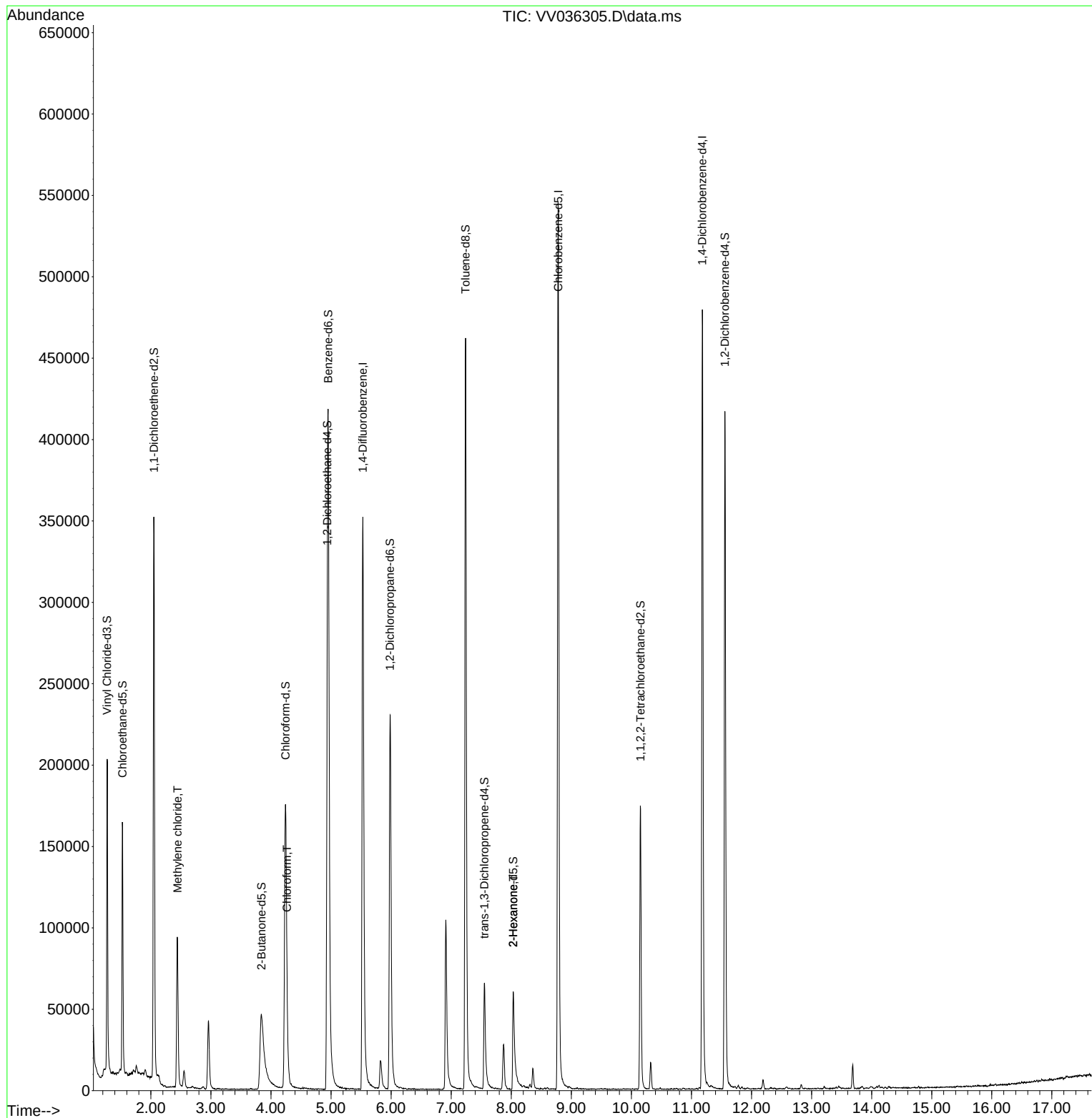
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	310537	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	310804	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	130759	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	124541	23.615	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.440%		
7) Chloroethane-d5	1.526	69	101279	24.043	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.160%		
11) 1,1-Dichloroethene-d2	2.050	65	58123	23.444	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.760%		
21) 2-Butanone-d5	3.841	46	11465	9.367	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	18.740%#		
24) Chloroform-d	4.243	84	196874	21.478	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.920%		
26) 1,2-Dichloroethane-d4	4.937	65	103721	21.218	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.880%		
32) Benzene-d6	4.953	84	385652	21.981	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.920%		
36) 1,2-Dichloropropane-d6	5.982	67	117320	22.231	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.920%		
41) Toluene-d8	7.239	98	318107	20.109	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.440%		
43) trans-1,3-Dichloroprop...	7.551	79	43740	18.560	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.240%		
47) 2-Hexanone-d5	8.034	63	23742	28.184	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	56.360%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	86239	19.935	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	109283	22.934	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.720%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	41623	6.808	ug/L	98
25) Chloroform	4.265	83	6346	0.689	ug/L	76
48) 2-Hexanone	8.034	43	3264	1.565	ug/L #	65

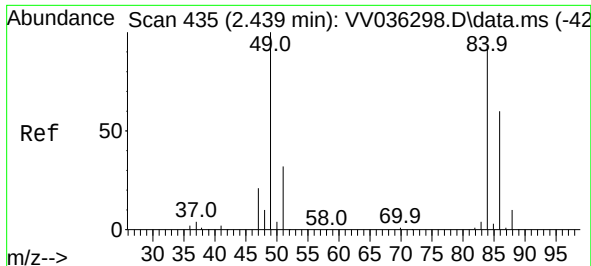
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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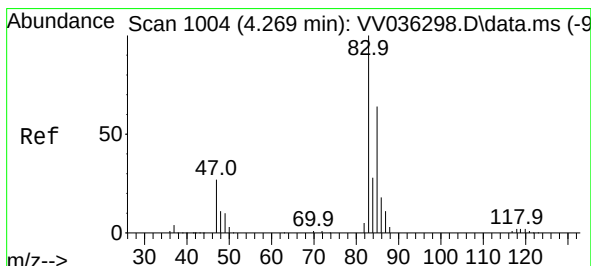
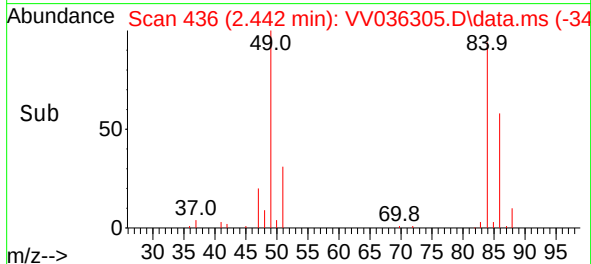
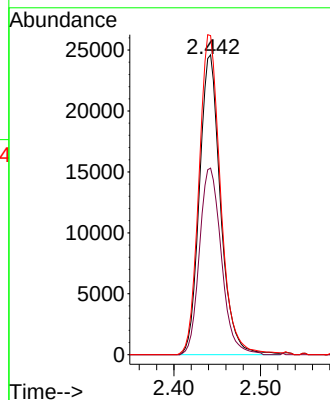
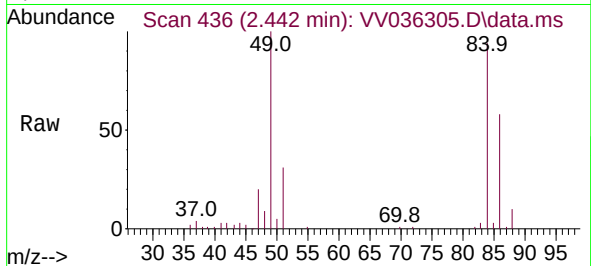




#16
Methylene chloride
Concen: 6.808 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036305.D
Acq: 27 Jun 2024 13:28

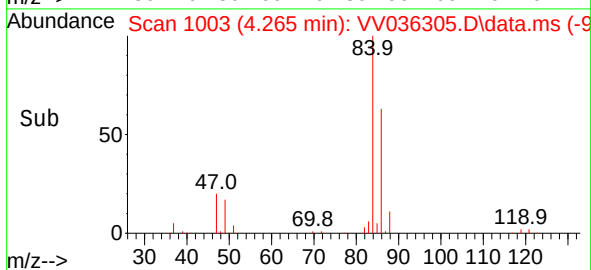
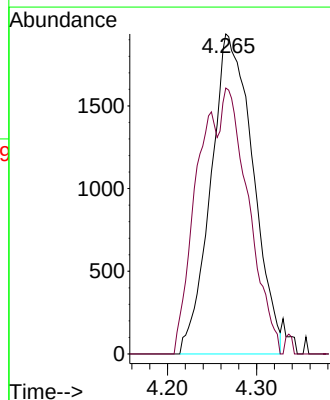
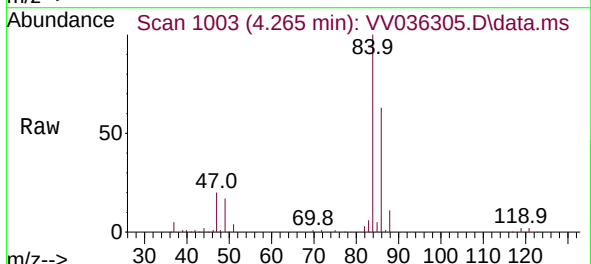
Instrument :
MSVOA_V
ClientSampleId :

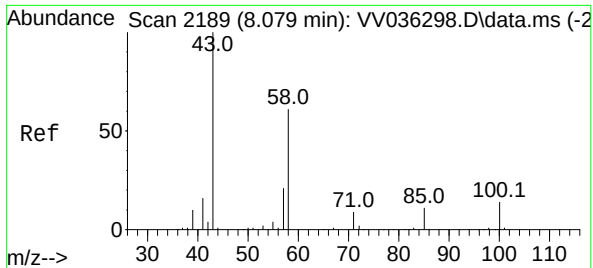
Tgt Ion: 84 Resp: 41623
Ion Ratio Lower Upper
84 100
86 62.2 45.6 84.8
49 106.4 75.7 140.5



#25
Chloroform
Concen: 0.689 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV036305.D
Acq: 27 Jun 2024 13:28

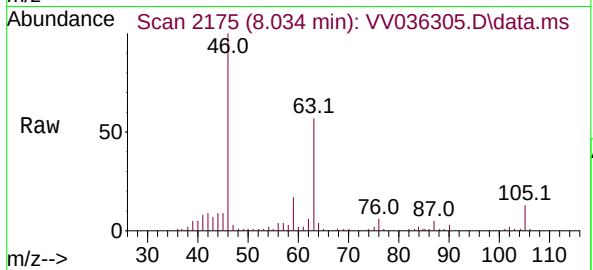
Tgt Ion: 83 Resp: 6346
Ion Ratio Lower Upper
83 100
85 83.1 45.0 83.6





#48
 2-Hexanone
 Concen: 1.565 ug/L
 RT: 8.034 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VV036305.D
 Acq: 27 Jun 2024 13:28

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Tgt Ion: 43	Resp:	3264
Ion	Ratio	Lower Upper
43	100	
58	41.8	48.5 72.7#
57	53.4	15.8 23.6#
100	2.9	10.9 16.3#

