

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076045.D
 Acq On : 08 May 2023 18:03
 Operator : KP/SY
 Sample : 02591-33
 Misc : 4.81G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/09/2023
 Supervised By :Semsettin Yesilyurt 05/09/2023

Quant Time: May 09 02:38:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	473369	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	392779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	113538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	130816	12.597	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.400%		
7) Chloroethane-d5	2.793	69	134807	15.025	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.080%		
11) 1,1-Dichloroethene-d2	3.916	65	32178	13.440	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.760%		
21) 2-Butanone-d5	6.981	46	52704	58.462	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.920%		
24) Chloroform-d	7.563	84	234946	19.848	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.400%		
26) 1,2-Dichloroethane-d4	8.228	65	103849	20.544	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.160%		
32) Benzene-d6	8.199	84	412956	18.039	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.160%		
36) 1,2-Dichloropropane-d6	9.210	67	146338	23.094	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.360%		
41) Toluene-d8	10.269	98	336862	15.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	62.880%		
43) trans-1,3-Dichloroprop...	10.522	79	47194	18.019	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.080%		
47) 2-Hexanone-d5	10.875	63	37638	49.332	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.660%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	134506	27.740	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	110.960%		
66) 1,2-Dichlorobenzene-d4	13.816	152	94597	23.555	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.240%		
Target Compounds					Qvalue	
13) Acetone	4.034	43	2980	3.863	ug/L	47
16) Methylene chloride	4.793	84	34675m	3.611	ug/L	

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

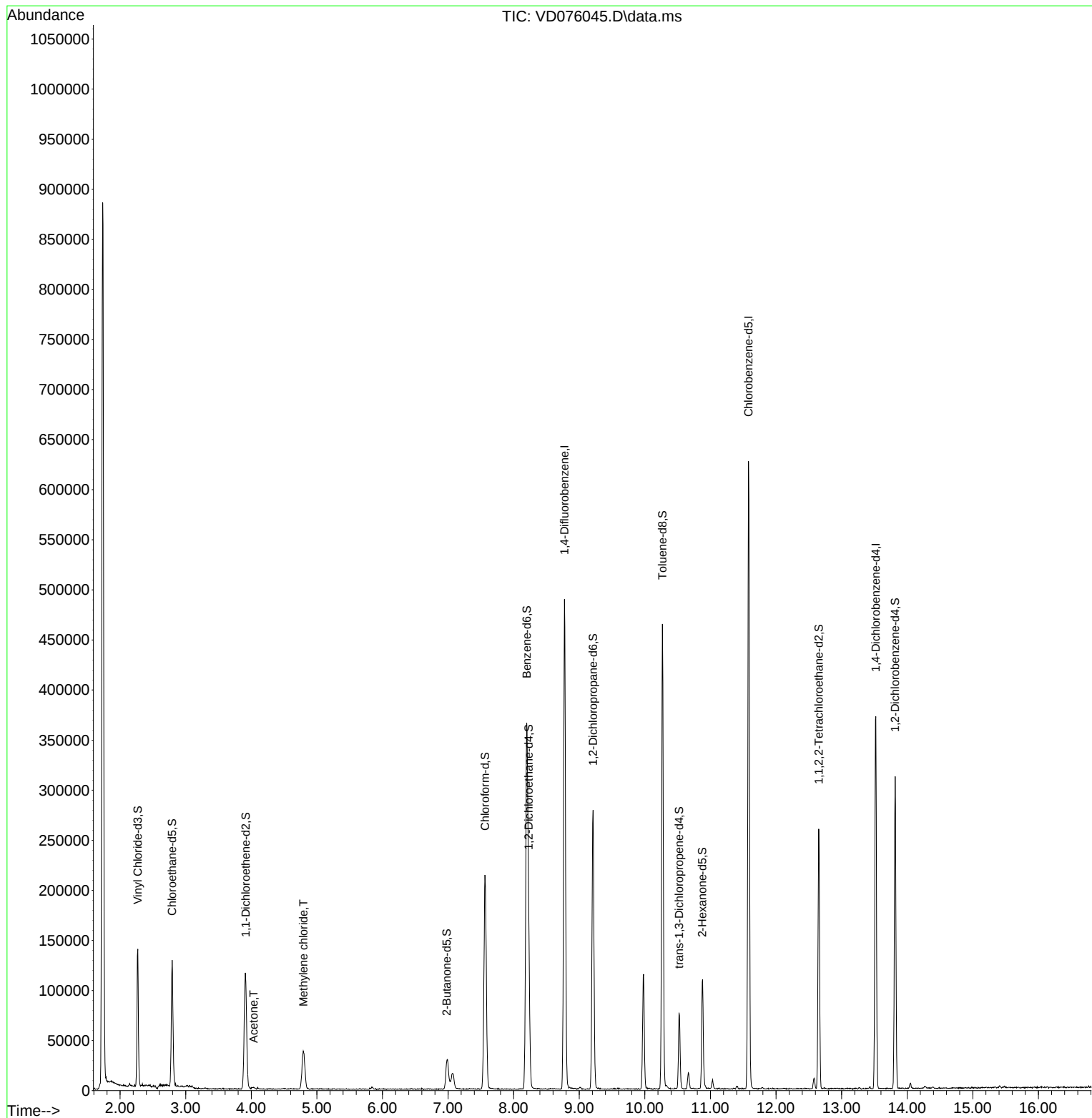
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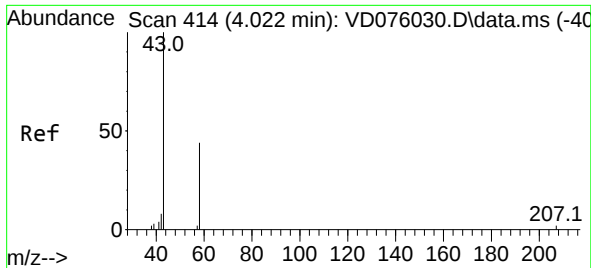
Instrument :
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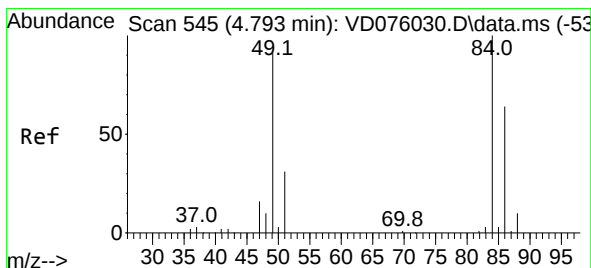
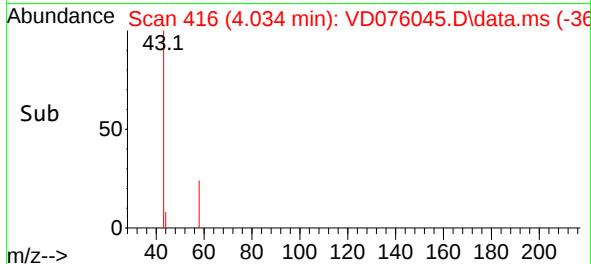
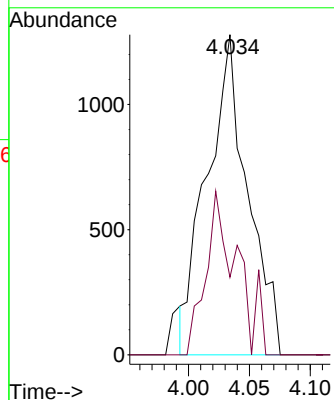
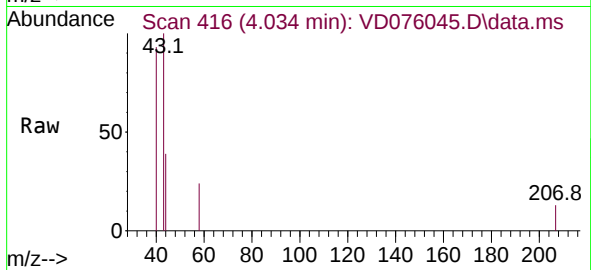
#13
Acetone
Concen: 3.863 ug/L
RT: 4.034 min Scan# 414
Delta R.T. 0.012 min
Lab File: VD076045.D
Acq: 08 May 2023 18:03

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Tgt Ion: 43 Resp: 2980
Ion Ratio Lower Upper
43 100
58 9.6 0.0 87.4

Manual Integrations
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#16
Methylene chloride
Concen: 3.611 ug/L m
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076045.D
Acq: 08 May 2023 18:03

Tgt Ion: 84 Resp: 34675
Ion Ratio Lower Upper
84 100
86 73.8 45.8 85.2
49 89.6 60.8 112.8

