

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076044.D
 Acq On : 08 May 2023 17:33
 Operator : KP/SY
 Sample : 02591-32
 Misc : 5.14G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREF1

Quant Time: May 09 02:38:05 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)

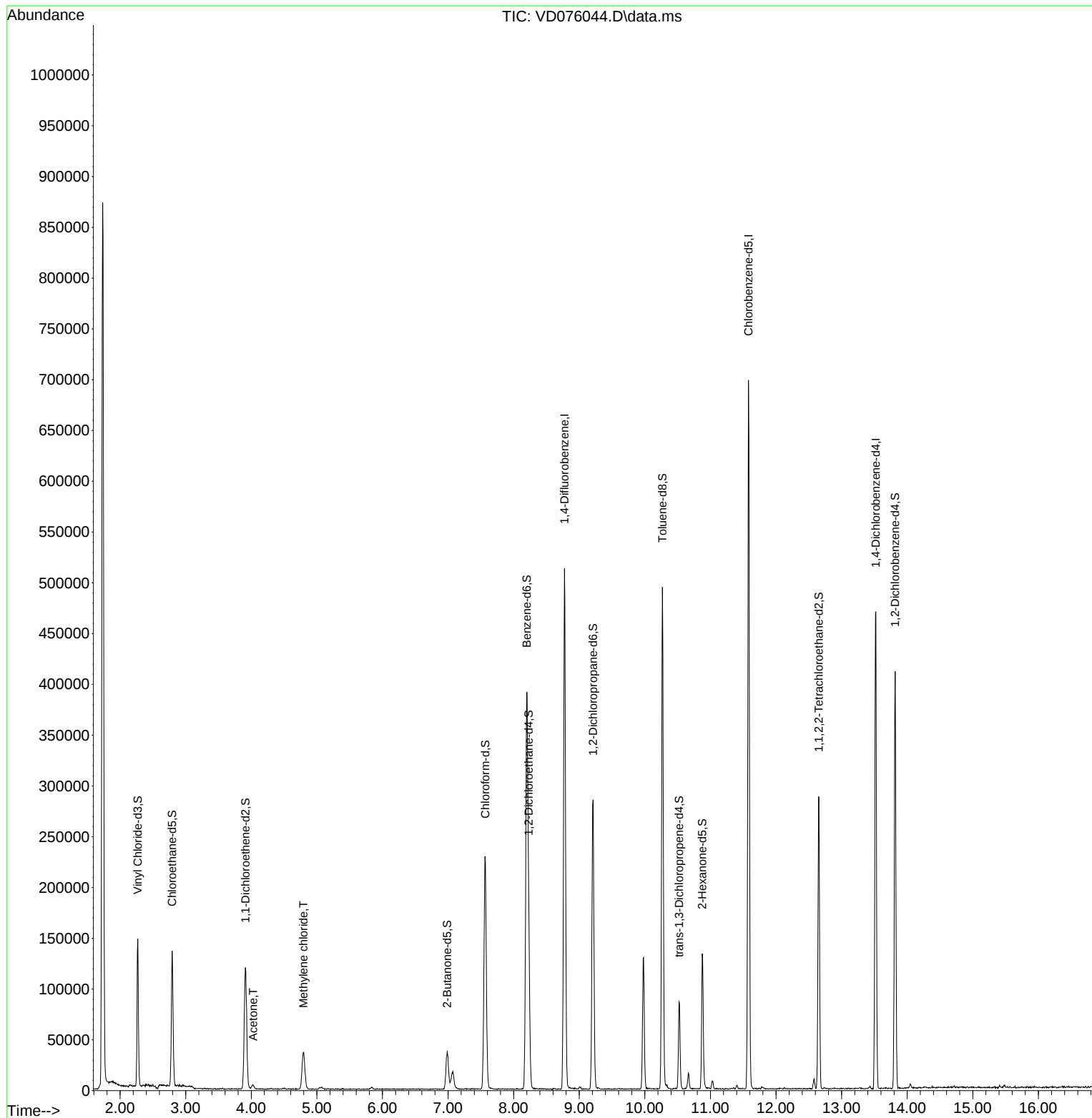
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	502989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	437406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	146216	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	136492	12.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.480%
7) Chloroethane-d5	2.793	69	140316	14.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.880%
11) 1,1-Dichloroethene-d2	3.910	65	33155	13.033	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.120%
21) 2-Butanone-d5	6.987	46	61344	64.039	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.080%
24) Chloroform-d	7.569	84	246107	19.566	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.280%
26) 1,2-Dichloroethane-d4	8.228	65	113630	21.155	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	8.198	84	435402	17.079	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.320%
36) 1,2-Dichloropropane-d6	9.210	67	154113	21.840	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.360%
41) Toluene-d8	10.269	98	363712	15.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.960%
43) trans-1,3-Dichloroprop...	10.522	79	52237	17.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.640%
47) 2-Hexanone-d5	10.875	63	48325	56.877	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.760%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	150897	27.945	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	121450	23.483	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	6933	8.457	ug/L	67
16) Methylene chloride	4.793	84	31006	3.039	ug/L	97

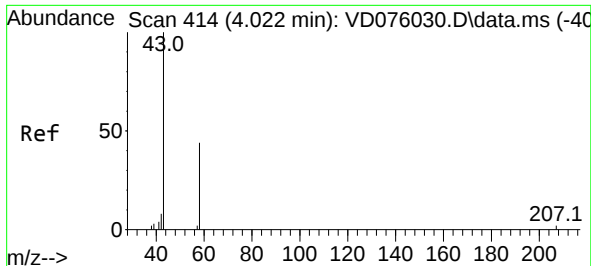
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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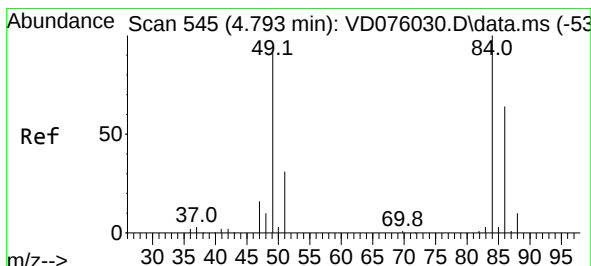
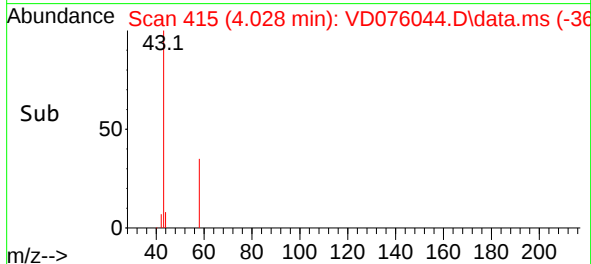
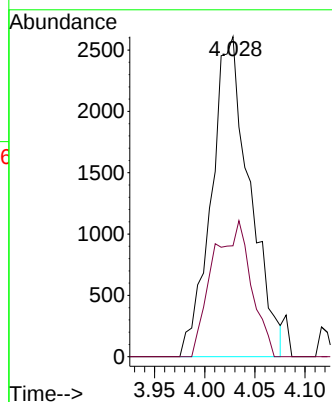
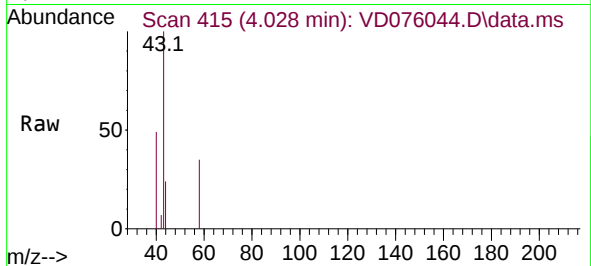




#13
Acetone
Concen: 8.457 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076044.D
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Instrument :
MSVOA_D
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Tgt Ion: 43 Resp: 6933
Ion Ratio Lower Upper
43 100
58 22.3 0.0 87.4



#16
Methylene chloride
Concen: 3.039 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076044.D
Acq: 08 May 2023 17:33

Tgt Ion: 84 Resp: 31006
Ion Ratio Lower Upper
84 100
86 67.1 45.8 85.2
49 89.7 60.8 112.8

