

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092623\
 Data File : VD077223.D
 Acq On : 26 Sep 2023 13:10
 Operator : JC/SY
 Sample : 04527-09
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:30:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 23:07:59 2023
 Response via : Initial Calibration

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

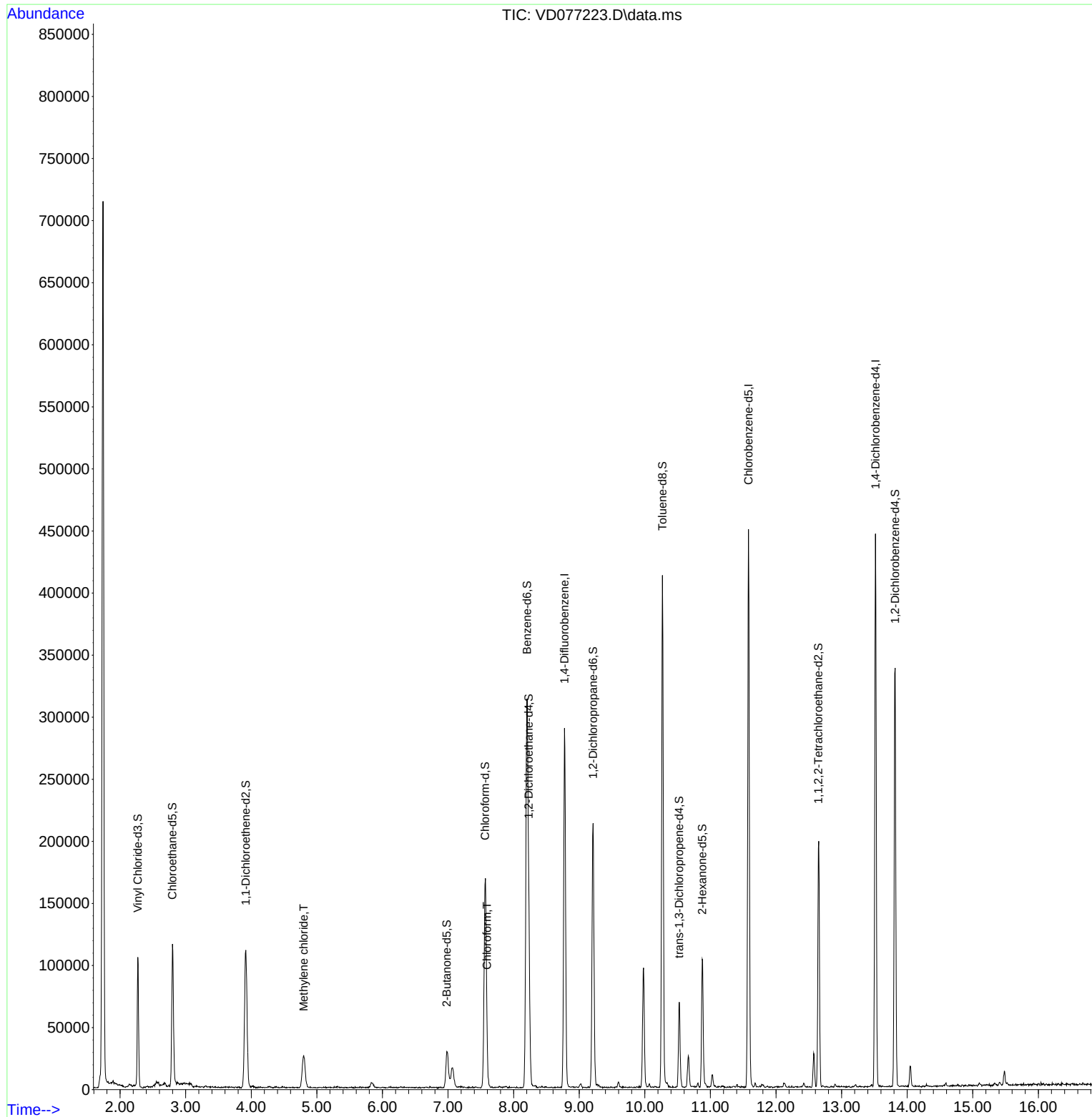
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	261150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	272478	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	123335	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	93239	13.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.000%
7) Chloroethane-d5	2.799	69	114784	26.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.480%
11) 1,1-Dichloroethene-d2	3.917	65	33136	17.051	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.200%
21) 2-Butanone-d5	6.981	46	51583	41.219	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.440%
24) Chloroform-d	7.563	84	180423	18.322	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.280%
26) 1,2-Dichloroethane-d4	8.228	65	91679	18.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.880%
32) Benzene-d6	8.205	84	341984	17.279	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.120%
36) 1,2-Dichloropropane-d6	9.210	67	107889	17.538	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.160%
41) Toluene-d8	10.269	98	285378	16.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.640%
43) trans-1,3-Dichloroprop...	10.522	79	41190	16.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.880%
47) 2-Hexanone-d5	10.875	63	36710	37.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.600%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	106337	19.131	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	95232	18.731	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.920%#
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	21183	3.257	ug/L	98
25) Chloroform	7.593	83	2870	0.302	ug/L	87

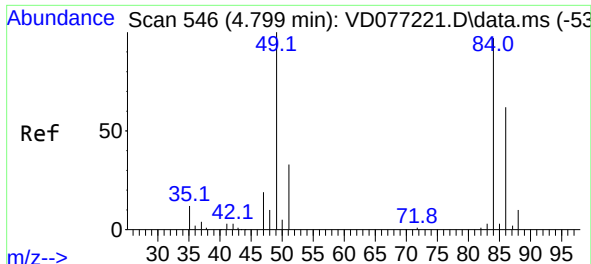
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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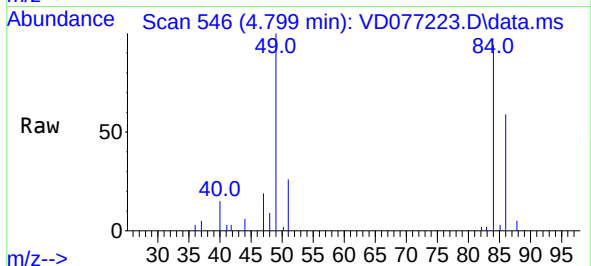
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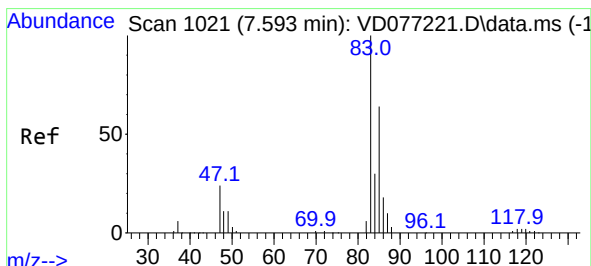
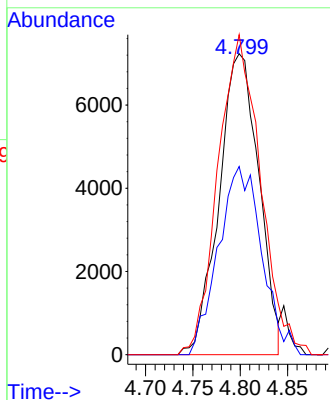
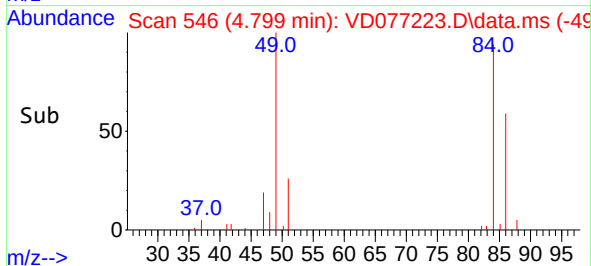


#16
Methylene chloride
Concen: 3.257 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077223.D
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Instrument :
MSVOA_D
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Tgt Ion: 84 Resp: 21183
Ion Ratio Lower Upper
84 100
86 62.5 45.2 84.0
49 106.3 73.4 136.4



#25
Chloroform
Concen: 0.302 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077223.D
Acq: 26 Sep 2023 13:10

Tgt Ion: 83 Resp: 2870
Ion Ratio Lower Upper
83 100
85 73.5 44.4 82.5

