

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040623\
 Data File : VD075593.D
 Acq On : 06 Apr 2023 14:09
 Operator : KP/SY
 Sample : 02193-06
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK002

Quant Time: Apr 07 01:25:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Semsettin Yesilyurt 04/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	325921	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	292397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	120691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	195337	25.741	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.960%			
7) Chloroethane-d5	2.804	69	180871	26.786	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.160%			
11) 1,1-Dichloroethene-d2	3.916	63	123047	20.103	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.400%			
21) 2-Butanone-d5	6.981	46	29704	60.109	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.220%			
24) Chloroform-d	7.569	84	198486	25.831	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.320%			
26) 1,2-Dichloroethane-d4	8.228	65	106519	31.281	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.120%			
32) Benzene-d6	8.204	84	536342	31.376	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 125.520%			
36) 1,2-Dichloropropane-d6	9.210	67	120082	26.359	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.440%			
41) Toluene-d8	10.269	98	386780	24.130	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.520%			
43) trans-1,3-Dichloroprop...	10.528	79	46865	24.678	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.720%			
47) 2-Hexanone-d5	10.881	63	27555	51.114	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.220%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92123	26.993	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.960%			
66) 1,2-Dichlorobenzene-d4	13.816	152	111274	26.877	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.520%			
Target Compounds						Qvalue
16) Methylene chloride	4.798	84	12822	2.862	ug/L	96
22) 2-Butanone	7.069	43	1709m	2.768	ug/L	

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

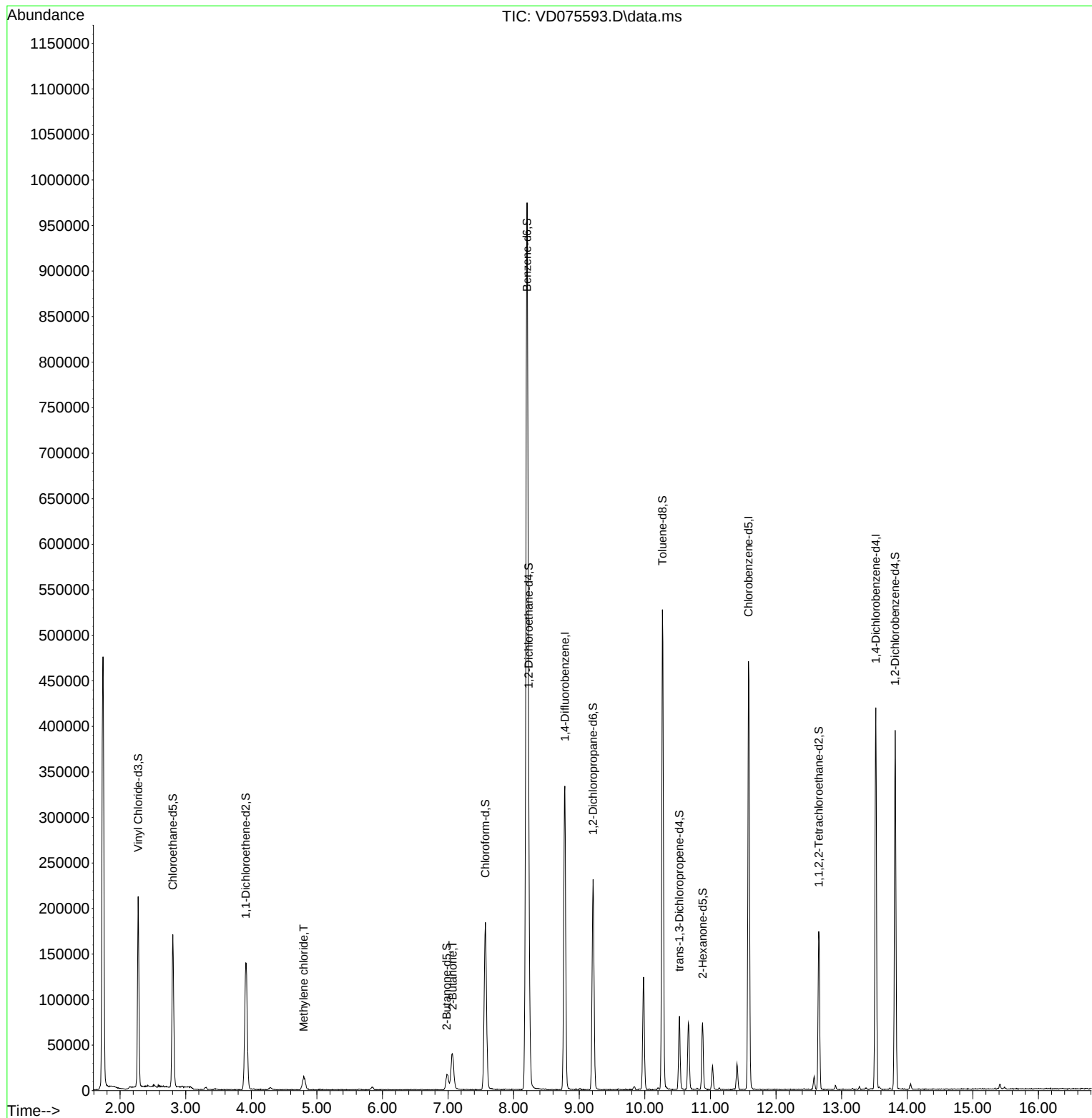
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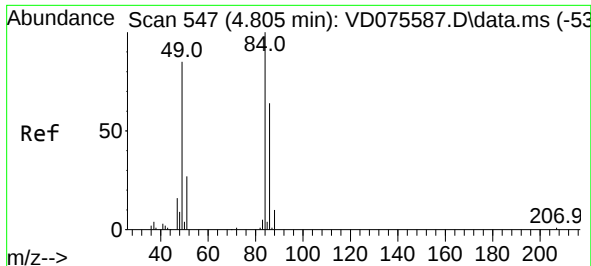
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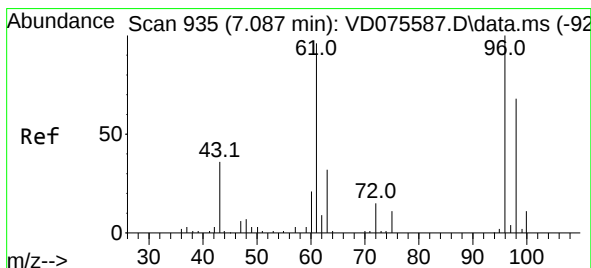
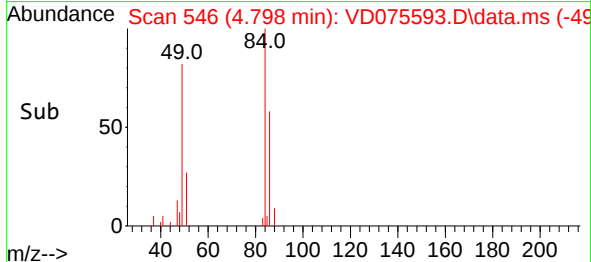
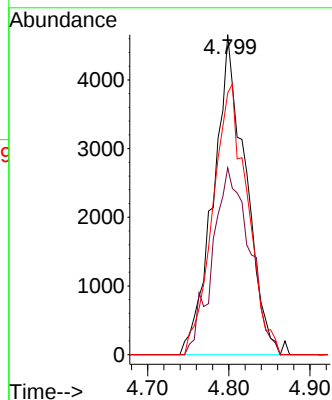
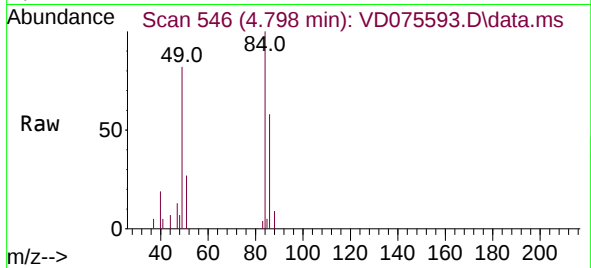
#16
Methylene chloride
Concen: 2.862 ug/L
RT: 4.798 min Scan# 547
Delta R.T. -0.006 min
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Tgt Ion: 84 Resp: 1282
Ion Ratio Lower Upper
84 100
86 58.4 44.4 82.4
49 81.8 58.5 108.7

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#22
2-Butanone
Concen: 2.768 ug/L m
RT: 7.069 min Scan# 932
Delta R.T. -0.018 min
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Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
72 0.0 21.3 63.9#

