Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
Data File : VD078996.D
Acq On : 23 May 2024 11:31
Operator : RP/MD
Sample : P2568-12
Misc : 5.71G/10ml/MSVOA_D/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH632

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
Supervised By :Mahesh Dadoda 05/27/2024

Quant Time: May 24 02:13:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	98640	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	66010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	11840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	53317	22.049	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.200%			
7) Chloroethane-d5	2.799	69	69225	26.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.960%			
11) 1,1-Dichloroethene-d2	3.917	65	9477	20.092	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.360%			
21) 2-Butanone-d5	6.987	46	7256	21.200	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 42.400%			
24) Chloroform-d	7.563	84	68511	23.331	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.320%			
26) 1,2-Dichloroethane-d4	8.228	65	33878	24.293	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.160%			
32) Benzene-d6	8.199	84	111472	33.096	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 132.400%			
36) 1,2-Dichloropropane-d6	9.210	67	39057	38.057	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 152.240%#			
41) Toluene-d8	10.269	98	70223	22.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.480%			
43) trans-1,3-Dichloroprop...	10.522	79	6723	14.221	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 56.880%			
47) 2-Hexanone-d5	10.875	63	2884	14.022	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 28.040%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	33531	28.722	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.880%			
66) 1,2-Dichlorobenzene-d4	13.816	152	10650	26.501	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.000%			
Target Compounds						Qvalue
13) Acetone	4.017	43	6083m	14.713	ug/L	
15) Methyl Acetate	4.564	43	5096m	7.586	ug/L	
16) Methylene chloride	4.793	84	14736m	6.307	ug/L	

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

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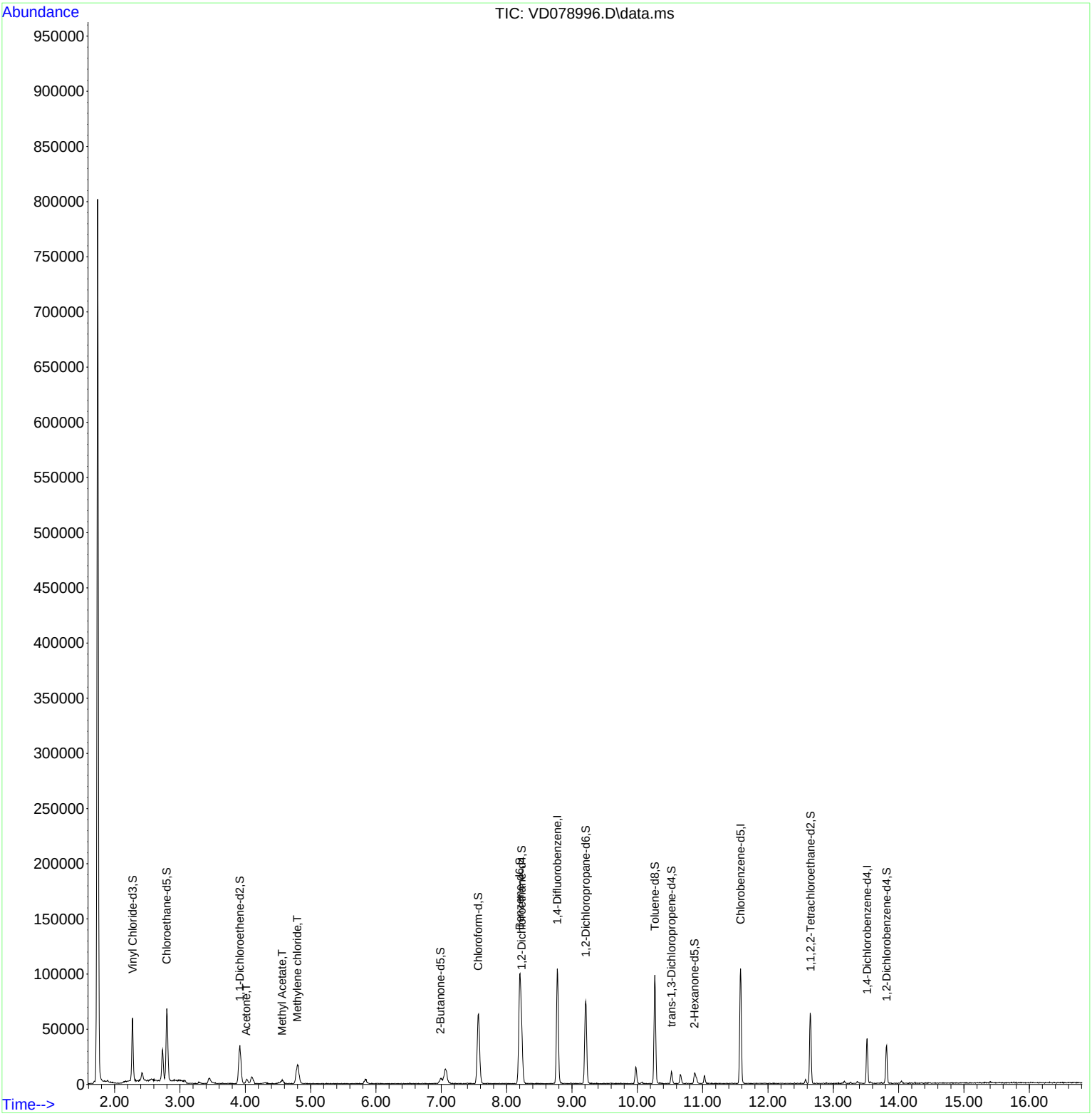

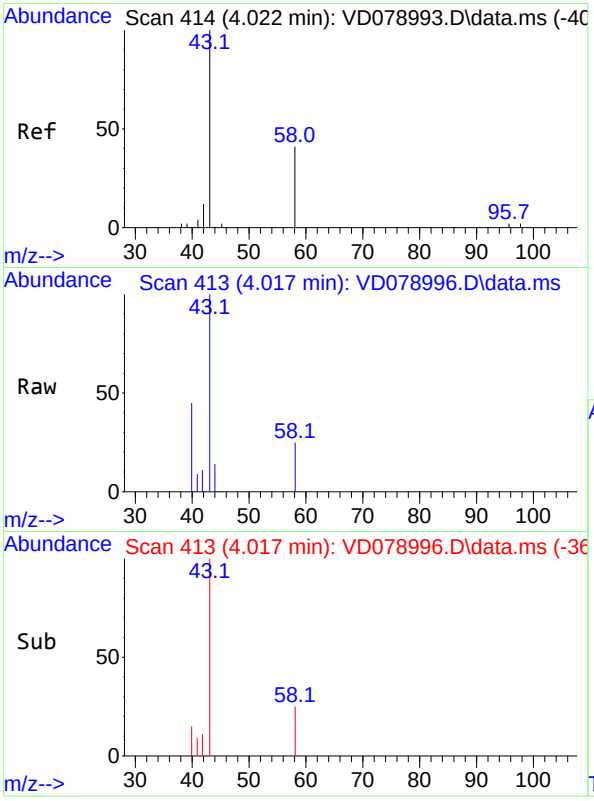

#13
Acetone
Concen: 14.713 ug/L m
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

Tgt Ion: 43 Resp: 608

Ion	Ratio	Lower	Upper
43	100		
58	20.9	0.0	75.0

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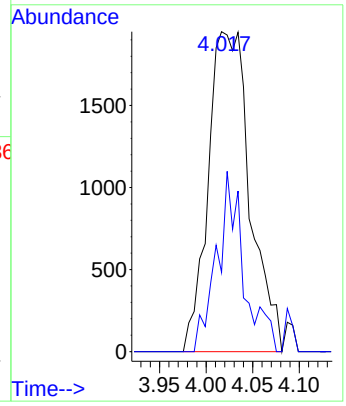
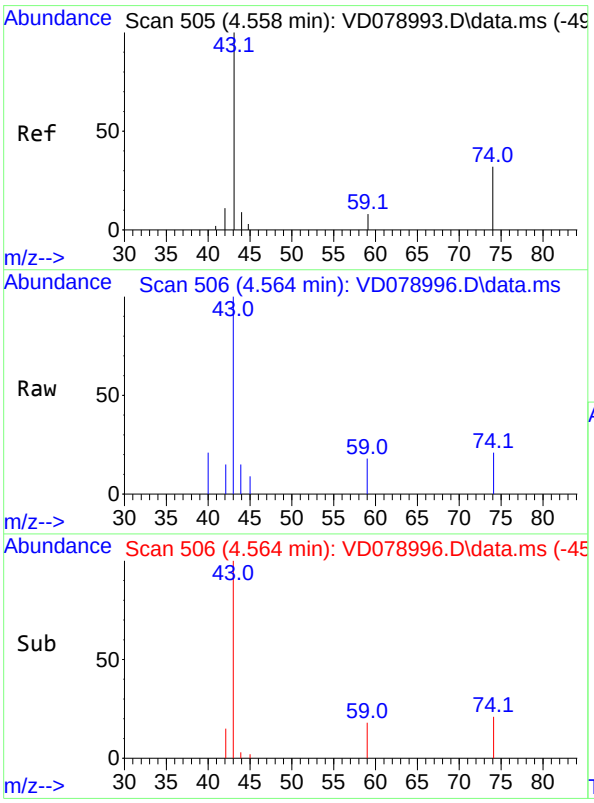
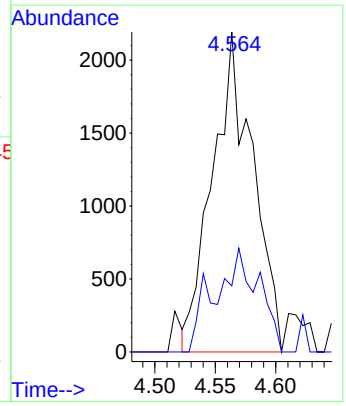


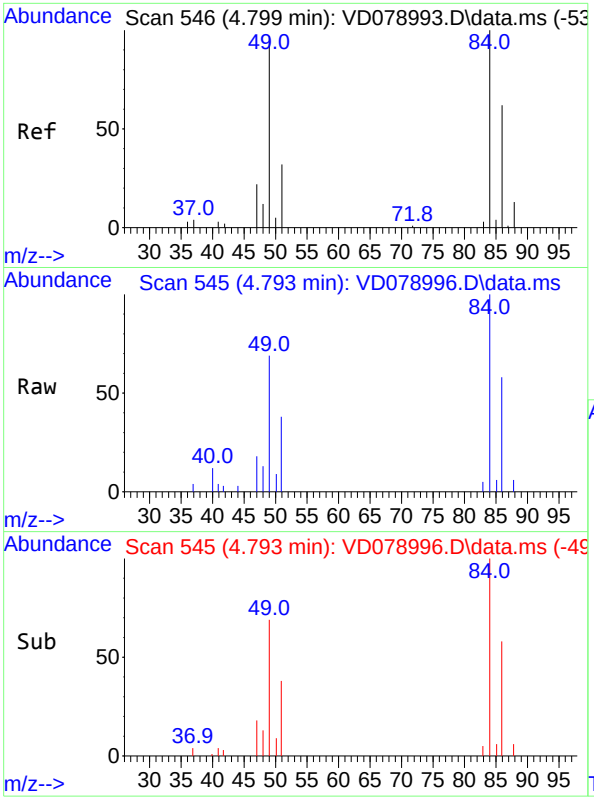


#15
Methyl Acetate
Concen: 7.586 ug/L m
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

Tgt Ion: 43 Resp: 5096

Ion	Ratio	Lower	Upper
43	100		
74	17.7	25.1	37.7#

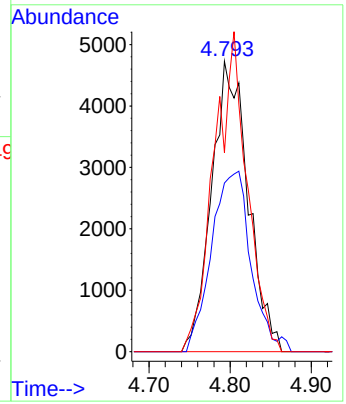




#16
Methylene chloride
Concen: 6.307 ug/L m
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078996.D
Acq: 23 May 2024 11:31

Tgt Ion: 84 Resp: 1473

Ion	Ratio	Lower	Upper
84	100		
86	58.0	43.7	81.1
49	68.5	64.0	119.0



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