Quantitation Report (Qedit)

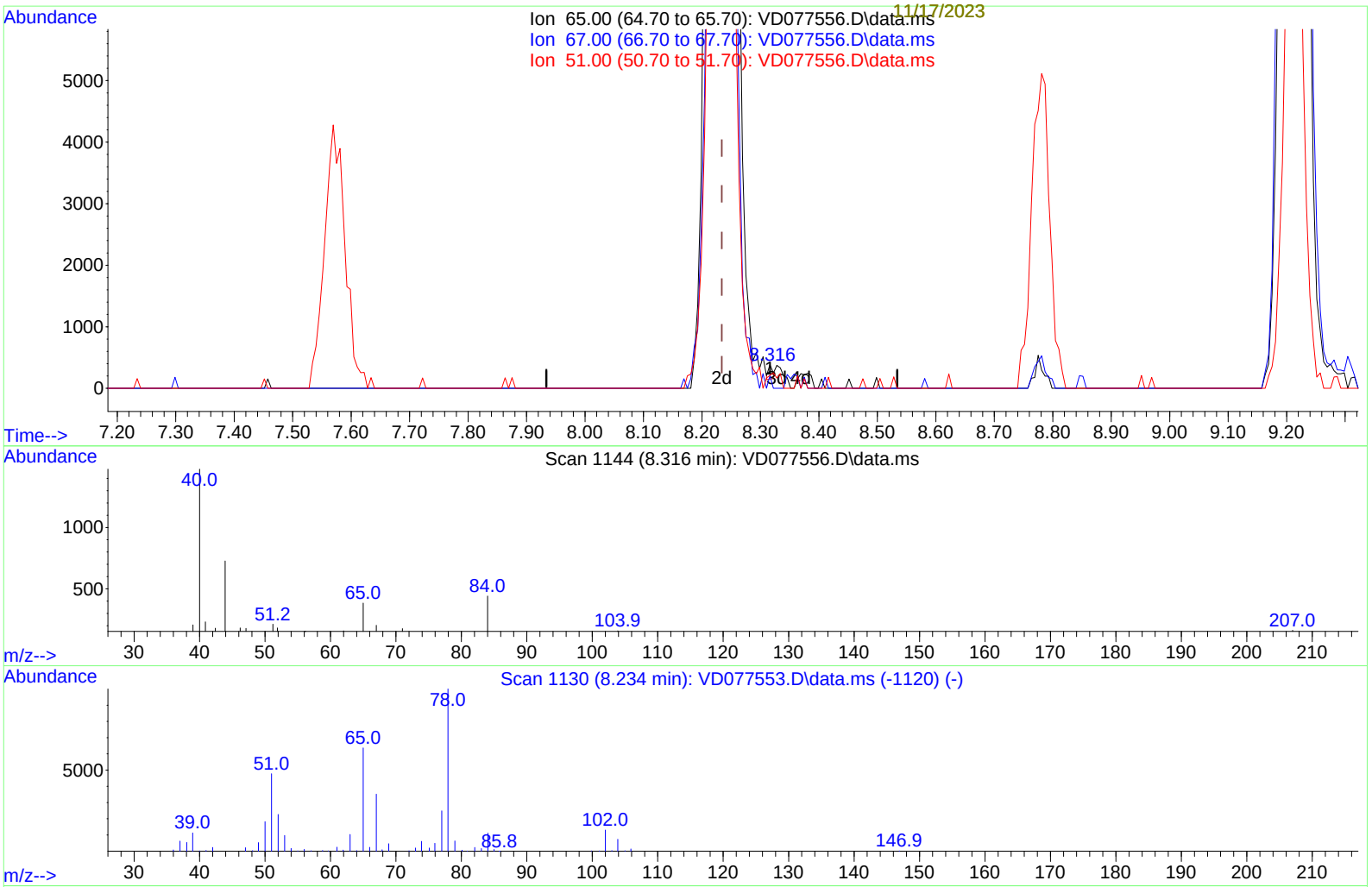
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
Data File : VD077556.D
Acq On : 14 Nov 2023 11:10
Operator : JC/SY
Sample : 05296-05
Misc : 4.56G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 16 02:27:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
BH3R6

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda
11/17/2023
Supervised By :Semsettin Yesilyurt
11/17/2023



TIC: VD077556.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.316min (+ 0.082) 0.02 ug/L

response 116

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.80	72.41
51.00	121.30	105.17
0.00	0.00	0.00

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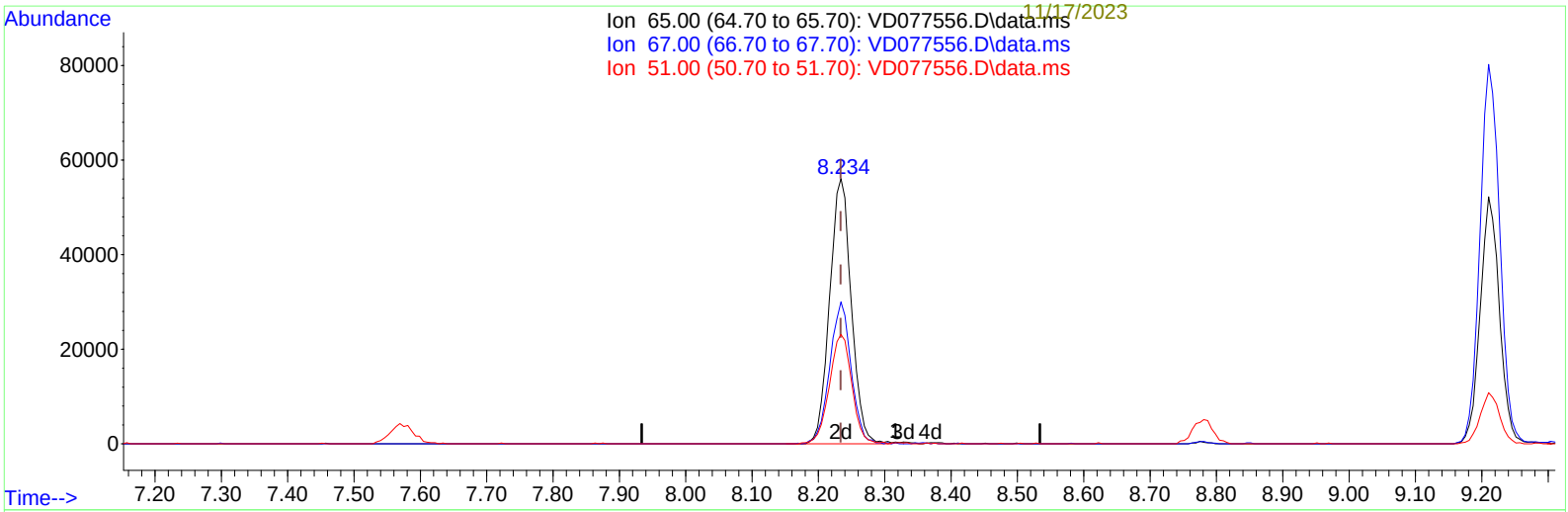

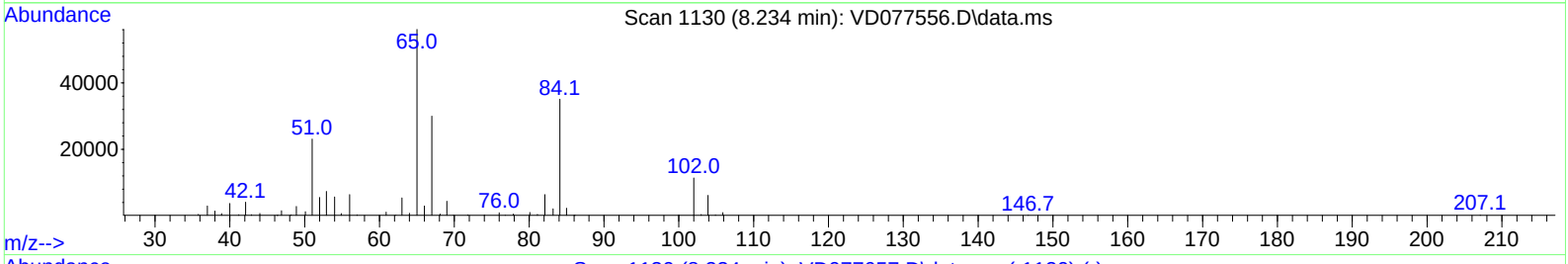

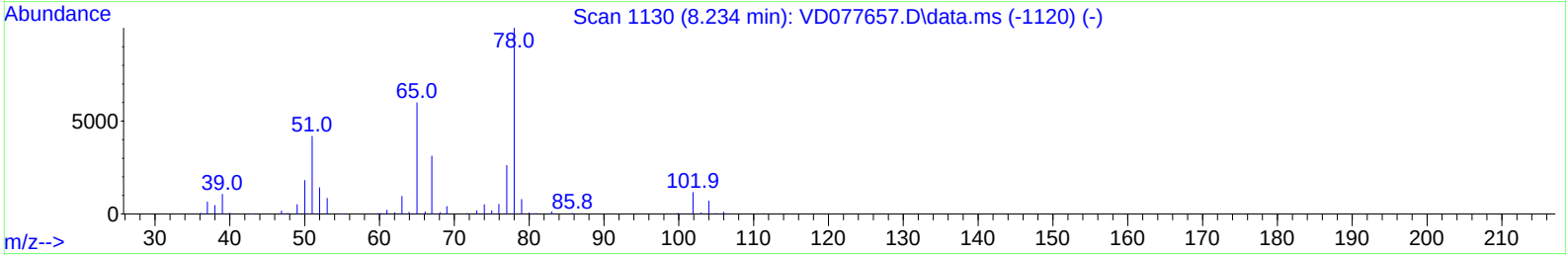

TIC: VD077556.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.234min (-0.000) 17.51 ug/L m

response 126988

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.80	0.07#
51.00	121.30	0.10#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Instrument :
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Supervised By :Semsettin Yesilyurt
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	472006	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	386937	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	132734	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	195048	16.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.960%			
7) Chloroethane-d5	2.811	69	164472	17.437	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.760%			
11) 1,1-Dichloroethene-d2	3.922	65	64120	17.270	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.080%			
21) 2-Butanone-d5	6.993	46	59212	28.483	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.960%			
24) Chloroform-d	7.569	84	242947	17.818	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 71.280%			
26) 1,2-Dichloroethane-d4	8.234	65	126988m	17.509	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 70.040%			
32) Benzene-d6	8.204	84	517504	20.607	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.440%			
36) 1,2-Dichloropropane-d6	9.210	67	166874	20.400	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.600%			
41) Toluene-d8	10.269	98	451843	19.911	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.640%			
43) trans-1,3-Dichloroprop...	10.528	79	62076	17.600	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.400%			
47) 2-Hexanone-d5	10.875	63	43974	30.050	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.100%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83207	15.352	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 61.400%			
66) 1,2-Dichlorobenzene-d4	13.816	152	89188	18.888	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 75.560%			
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	14771	1.853	ug/L	94
34) Trichloroethene	9.028	95	3463	0.521	ug/L #	84
46) Tetrachloroethene	10.810	164	153338	31.344	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	2077	0.411	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.528	180	3991	0.926	ug/L	89

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

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