Quantitation Report (Qedit)

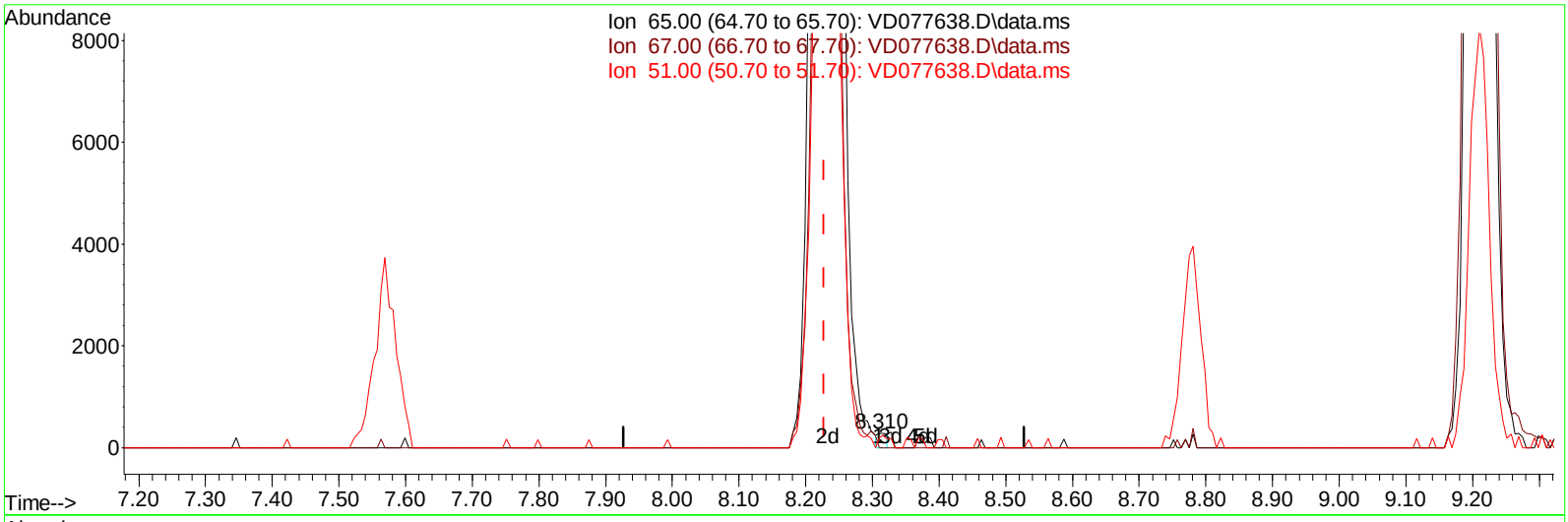
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
Data File : VD077638.D
Acq On : 18 Nov 2023 18:26
Operator : JC/SY
Sample : 05438-05RE
Misc : 5.02G/10ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

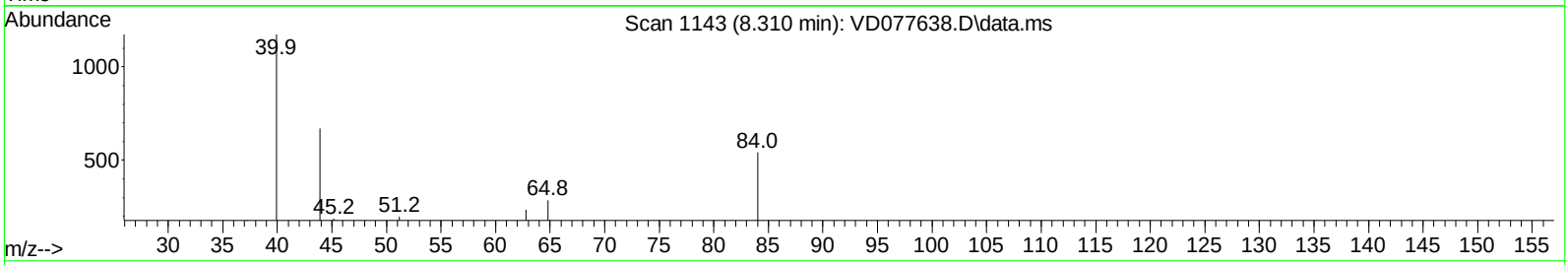
Quant Time: Nov 19 23:26:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Nov 19 23:22:21 2023
Response via : Initial Calibration

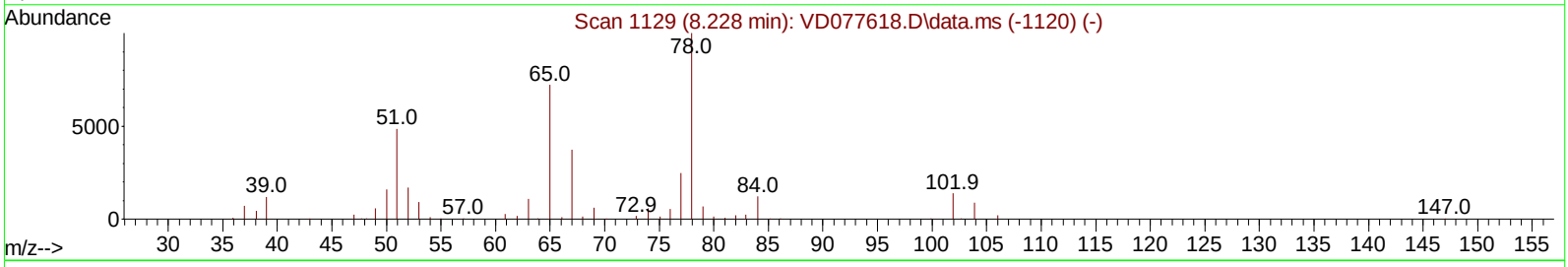
Instrument :
MSVOA_D
ClientSampleId :
EY1G7

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023







TIC: VD077638.D\data.ms

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

8.310min (+ 0.083) 0.06 ug/L

response 294

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.80	67.69
51.00	121.30	95.92
0.00	0.00	0.00

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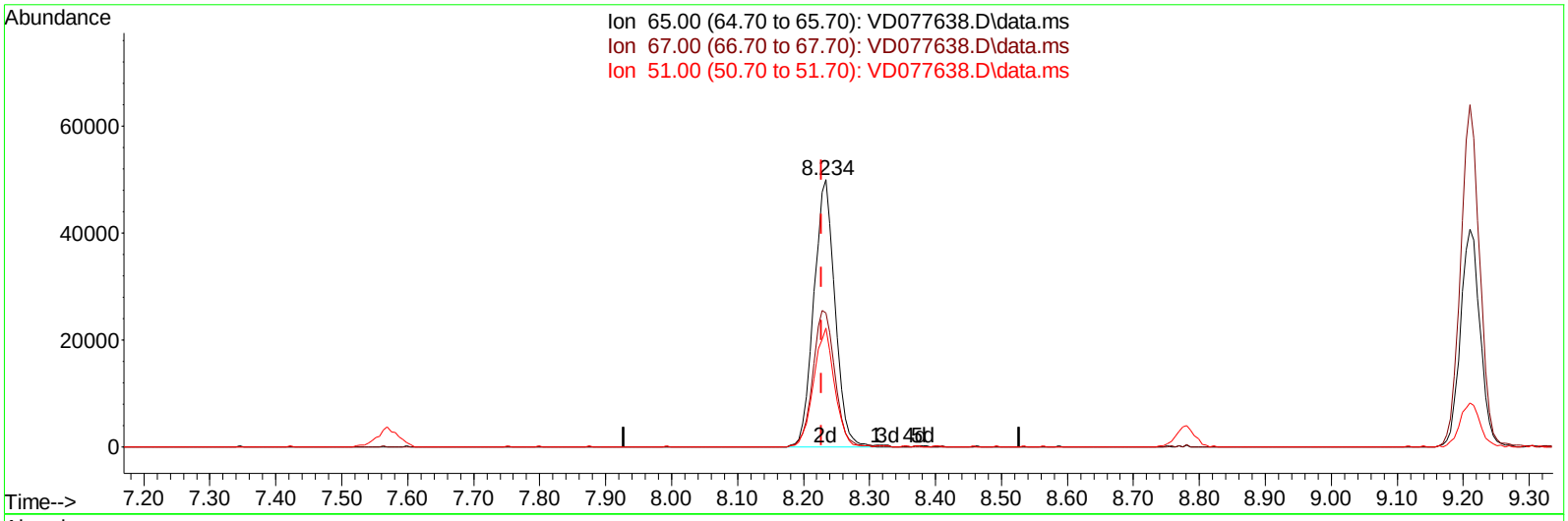

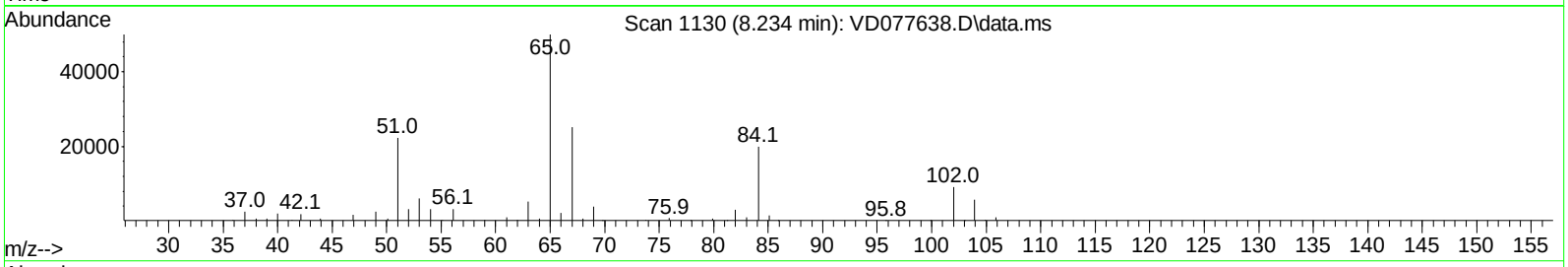

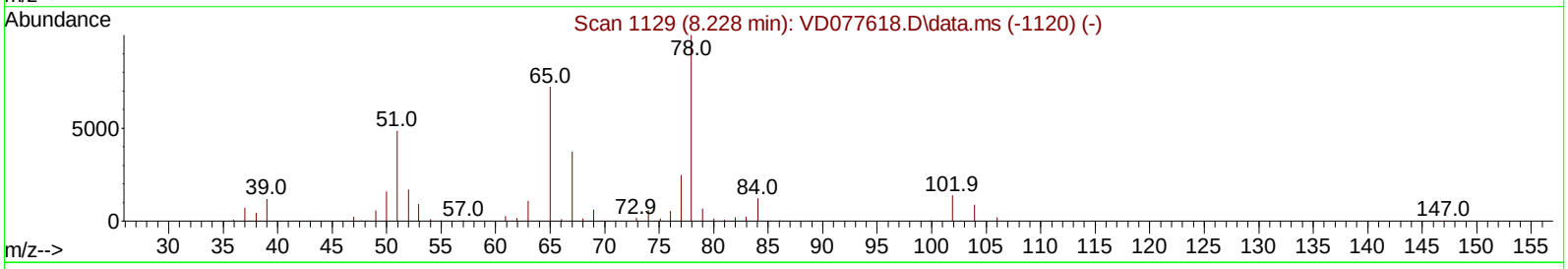

TIC: VD077638.D\data.ms

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

8.234min (+ 0.006) 22.39 ug/L m

response 111545

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.80	0.18#
51.00	121.30	0.25#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	324285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	257192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	80132	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	129804	15.735	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	62.960%		
7) Chloroethane-d5	2.805	69	122904	18.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.880%		
11) 1,1-Dichloroethene-d2	3.916	65	40960	16.057	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.240%		
21) 2-Butanone-d5	6.981	46	46514	32.567	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.140%		
24) Chloroform-d	7.569	84	193214	20.625	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.520%		
26) 1,2-Dichloroethane-d4	8.234	65	111545m	22.385	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.560%		
32) Benzene-d6	8.204	84	355020	21.268	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.080%		
36) 1,2-Dichloropropane-d6	9.210	67	128647	23.660	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.640%		
41) Toluene-d8	10.269	98	288480	19.125	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.480%		
43) trans-1,3-Dichloroprop...	10.528	79	46538	19.851	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.400%		
47) 2-Hexanone-d5	10.875	63	37141	38.184	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.360%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	85530	23.742	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.960%		
66) 1,2-Dichlorobenzene-d4	13.816	152	59513	20.877	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.520%		
Target Compounds						Qvalue
13) Acetone	4.028	43	5588	3.722	ug/L	74
16) Methylene chloride	4.799	84	77125	14.086	ug/L	92

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

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