Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
Data File : VU045336.D
Acq On : 19 Oct 2021 17:55
Operator : SY/MD
Sample : MDL02
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 20 03:10:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 02:57:45 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL02

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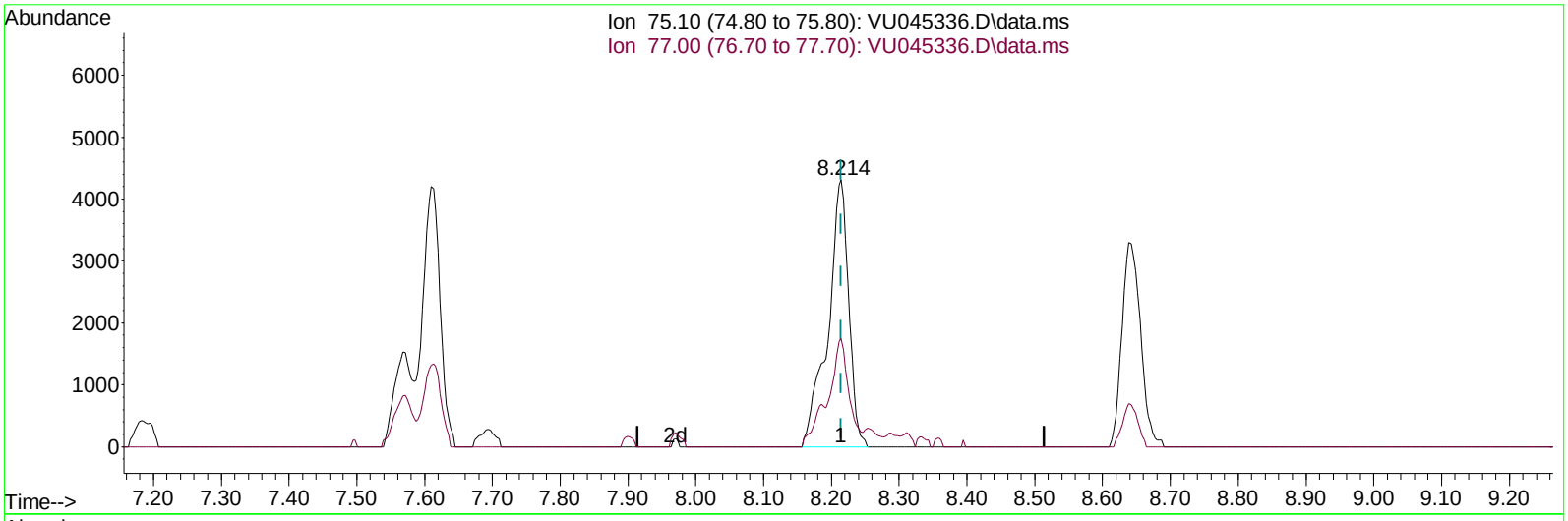

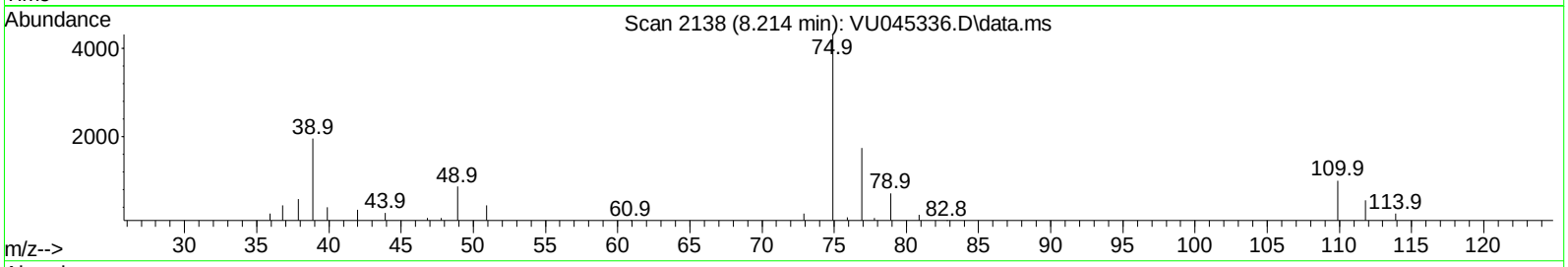

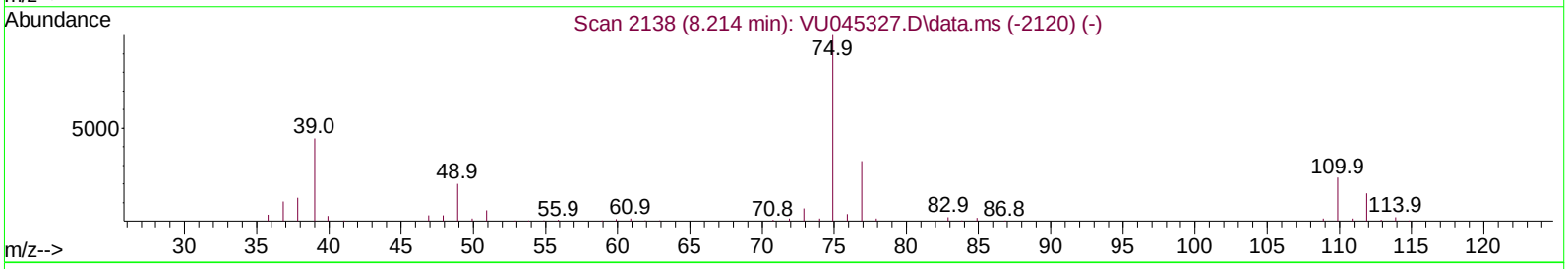

TIC: VU045336.D\data.ms

(44) trans-1,3-Dichloropropene (T)

8.214min (-0.000) 2.57 ug/L

response 9124

Ion	Exp%	Act%
75.10	100.00	100.00
77.00	32.20	40.48
0.00	0.00	0.00
0.00	0.00	0.00

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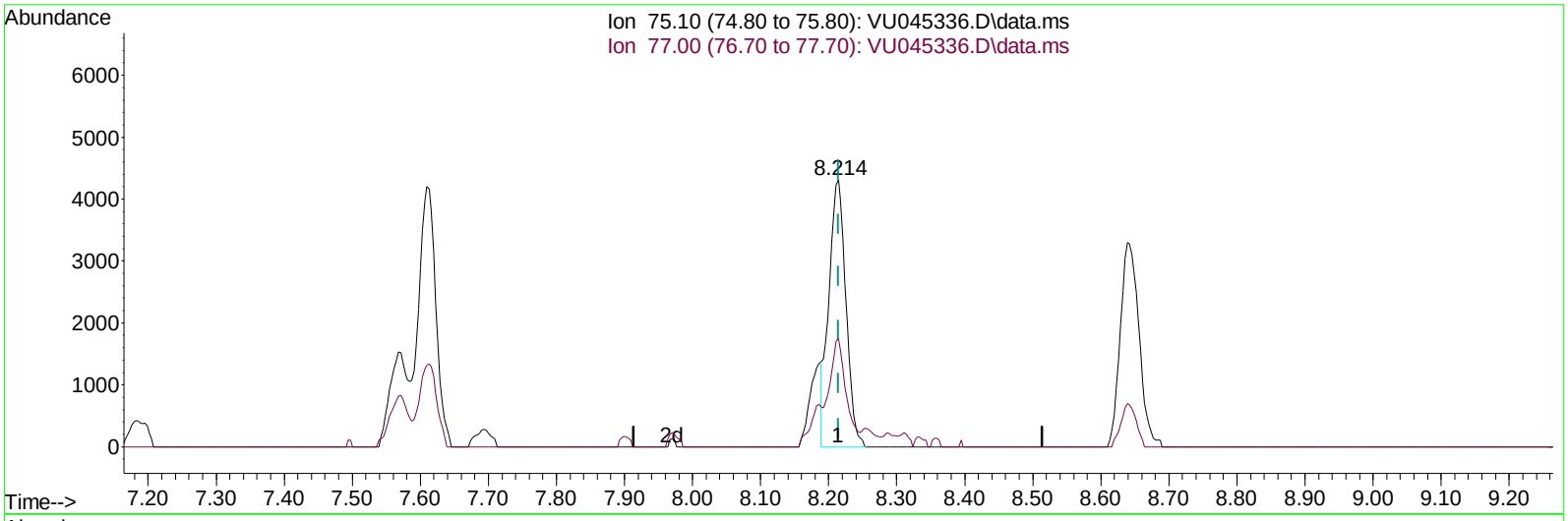

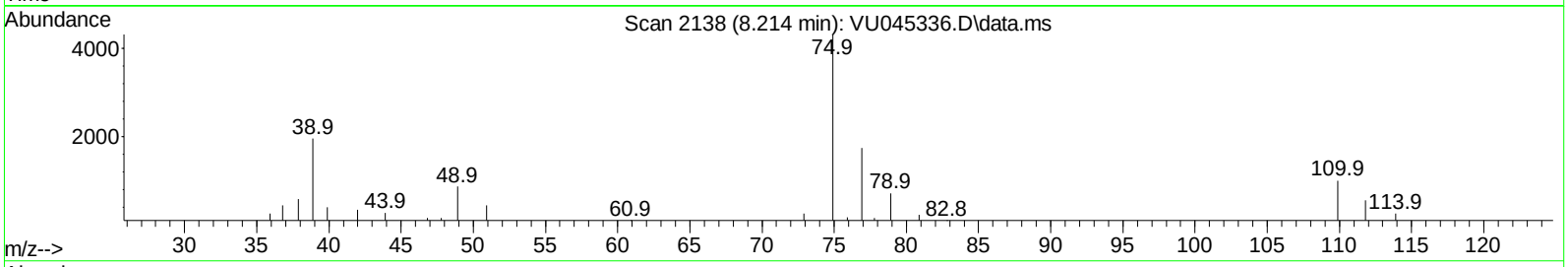

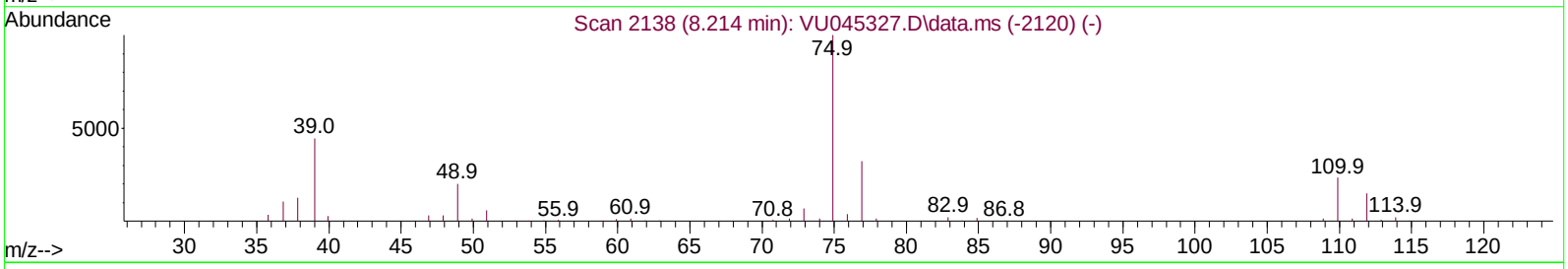

TIC: VU045336.D\data.ms

(44) trans-1,3-Dichloropropene (T)

8.214min (-0.000) 2.12 ug/L m

response 7514

Ion	Exp%	Act%
75.10	100.00	100.00
77.00	32.20	40.48
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	288286	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	292656	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	134894	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	54612	43.486	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.980%			
7) Chloroethane-d5	1.874	69	23776	19.812	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 39.620%#			
11) 1,1-Dichloroethene-d2	2.555	63	69508	27.797	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.600%#			
21) 2-Butanone-d5	4.629	46	199592	106.474	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.470%			
24) Chloroform-d	5.063	84	152477	45.652	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.300%			
26) 1,2-Dichloroethane-d4	5.703	65	110035	48.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.400%			
32) Benzene-d6	5.729	84	258021	46.875	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.740%			
36) 1,2-Dichloropropane-d6	6.694	67	103131	48.198	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.400%			
41) Toluene-d8	7.899	98	212730	45.310	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.620%			
43) trans-1,3-Dichloroprop...	8.182	79	50802	46.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.540%			
47) 2-Hexanone-d5	8.639	63	160927	119.866	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.870%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	233985	57.844	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 115.680%			
66) 1,2-Dichlorobenzene-d4	12.198	152	123475	52.757	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	4167	1.983	ug/L	93
3) Chloromethane	1.520	50	6137	2.580	ug/L	94
5) Vinyl chloride	1.604	62	5605	2.131	ug/L #	31
6) Bromomethane	1.829	94	1632	1.172	ug/L	93
8) Chloroethane	1.896	64	5347	3.236	ug/L	83
9) Trichlorofluoromethane	2.112	101	6107	1.909	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	4389	2.158	ug/L	91
12) 1,1-Dichloroethene	2.568	96	4166	2.222	ug/L #	1
13) Acetone	2.636	43	7287	3.339	ug/L	93
14) Carbon disulfide	2.780	76	10160	1.972	ug/L	98
15) Methyl Acetate	2.954	43	8196	3.028	ug/L	92
16) Methylene chloride	3.047	84	5578	2.310	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	3952	1.965	ug/L	94
18) Methyl tert-butyl Ether	3.369	73	14414	2.055	ug/L	98
19) 1,1-Dichloroethane	3.864	63	8631	2.097	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	4728	2.052	ug/L	92
22) 2-Butanone	4.716	43	8468	3.518	ug/L	79
23) Bromochloromethane	4.977	128	2297	2.024	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	5.089	83	11167	2.666	ug/L		96
27) 1,2-Dichloroethane	5.796	62	7584	2.267	ug/L		99
29) Cyclohexane	5.385	56	6278	1.807	ug/L		98
30) 1,1,1-Trichloroethane	5.317	97	6752	1.955	ug/L		97
31) Carbon tetrachloride	5.520	117	4881	1.831	ug/L		98
33) Benzene	5.774	78	18545	2.035	ug/L		100
34) Trichloroethene	6.542	95	4444	1.978	ug/L		92
35) Methylcyclohexane	6.767	83	6312	1.789	ug/L		98
37) 1,2-Dichloropropane	6.793	63	4942	1.994	ug/L	#	88
38) Bromodichloromethane	7.108	83	5982	1.866	ug/L		96
39) cis-1,3-Dichloropropene	7.610	75	7206	1.942	ug/L		99
40) 4-Methyl-2-pentanone	7.800	43	16686	4.415	ug/L		99
42) Toluene	7.973	91	21782	2.292	ug/L		99
44) trans-1,3-Dichloropropene	8.214	75	7514m	2.118	ug/L		
45) 1,1,2-Trichloroethane	8.404	97	5150	2.168	ug/L		95
46) Tetrachloroethene	8.555	164	3000	1.928	ug/L		96
48) 2-Hexanone	8.690	43	18382	5.762	ug/L		97
49) Dibromochloromethane	8.816	129	4764	2.059	ug/L		99
50) 1,2-Dibromoethane	8.928	107	4995	2.043	ug/L	#	98
51) Chlorobenzene	9.449	112	12419	2.063	ug/L		98
52) Ethylbenzene	9.571	91	19760	1.916	ug/L		100
53) m,p-Xylene	9.697	106	7278	1.857	ug/L		87
54) o-xylene	10.105	106	7865	2.000	ug/L		99
55) Styrene	10.118	104	12170	1.829	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.787	83	10849	2.586	ug/L	#	97
59) Bromoform	10.298	173	3423	2.315	ug/L	#	93
60) 1,2,3-Trichloropropane	10.828	75	8608	2.779	ug/L		97
61) Isopropylbenzene	10.484	105	18727	2.033	ug/L		100
62) 1,3,5-Trimethylbenzene	11.092	105	14526	1.906	ug/L		99
63) 1,2,4-Trimethylbenzene	11.471	105	14906	1.932	ug/L		98
64) 1,3-Dichlorobenzene	11.751	146	8766	2.102	ug/L		97
65) 1,4-Dichlorobenzene	11.838	146	9266	2.190	ug/L		95
67) 1,2-Dichlorobenzene	12.214	146	9708	2.302	ug/L		93
68) 1,2-Dibromo-3-chloropr...	12.999	75	1611	1.868	ug/L		88
69) 1,3,5-Trichlorobenzene	13.224	180	5499	1.916	ug/L		98
70) 1,2,4-trichlorobenzene	13.844	180	4184	1.739	ug/L		98
71) Naphthalene	14.092	128	14778	1.838	ug/L		98
72) 1,2,3-Trichlorobenzene	14.333	180	4303	1.790	ug/L		99

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

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