Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
Data File : VX025013.D
Acq On : 29 Oct 2021 09:39
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 30 01:00:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 28 12:38:37 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Manual Integrations APPROVED
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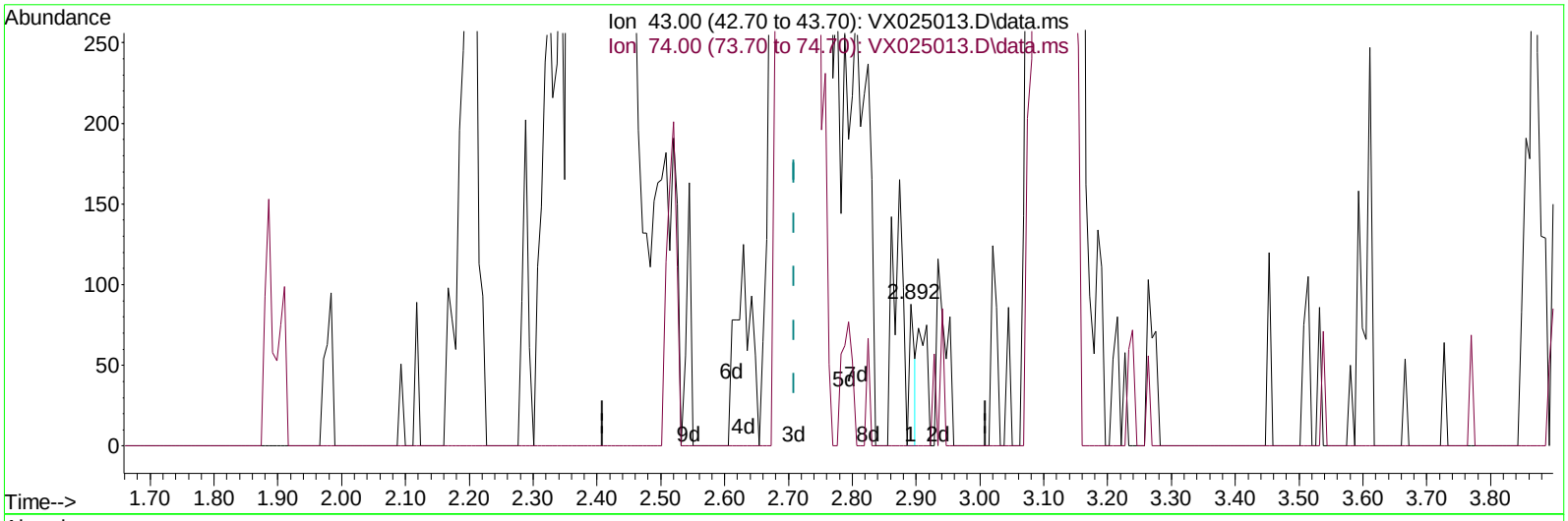

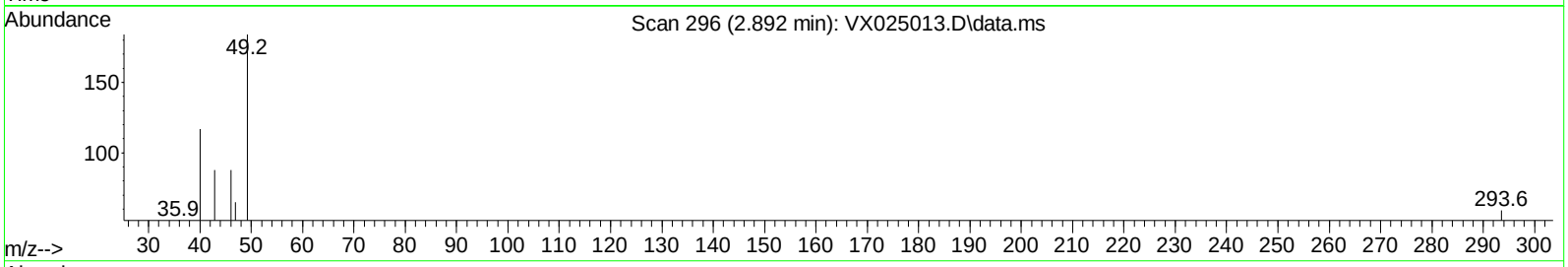

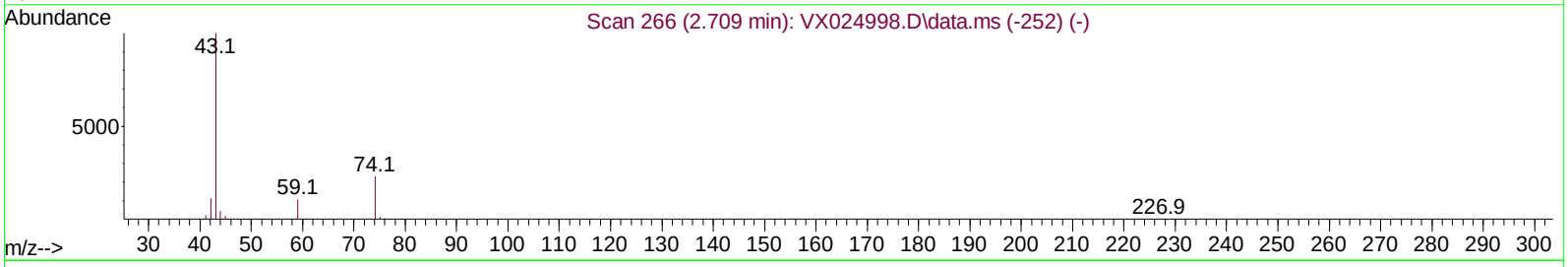

TIC: VX025013.D\data.ms

(15) Methyl Acetate (T)

2.892min (+ 0.183) 0.03 ug/L

response 52

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	35.70	40.38
0.00	0.00	0.00
0.00	0.00	0.00

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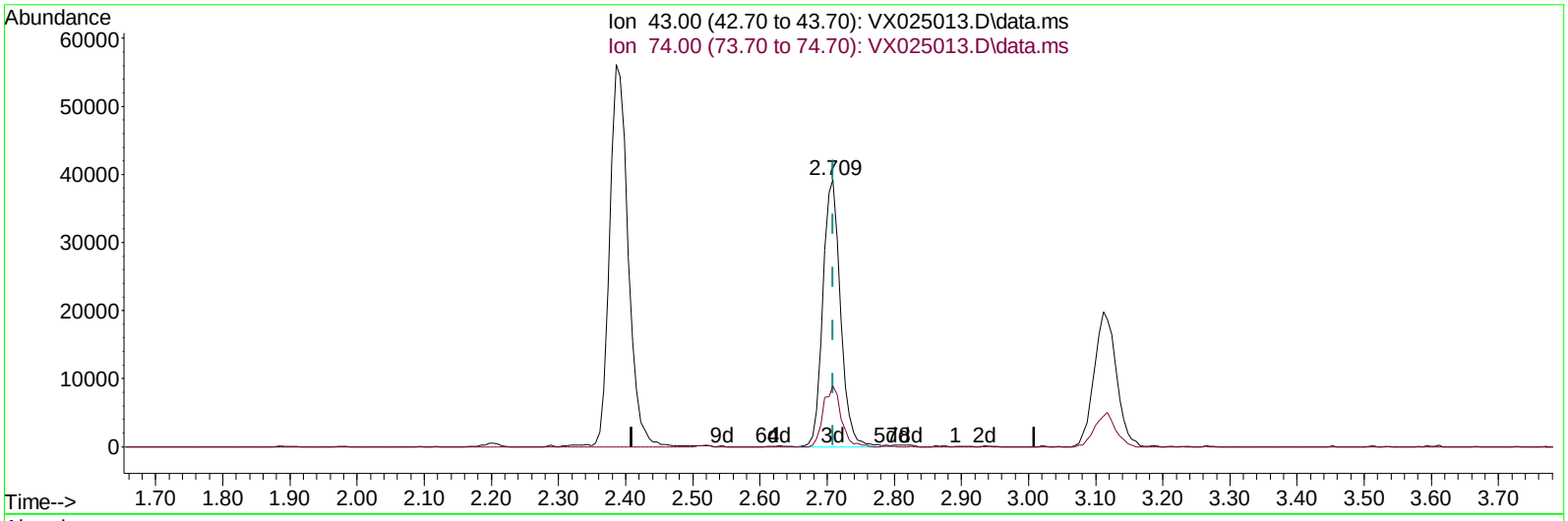

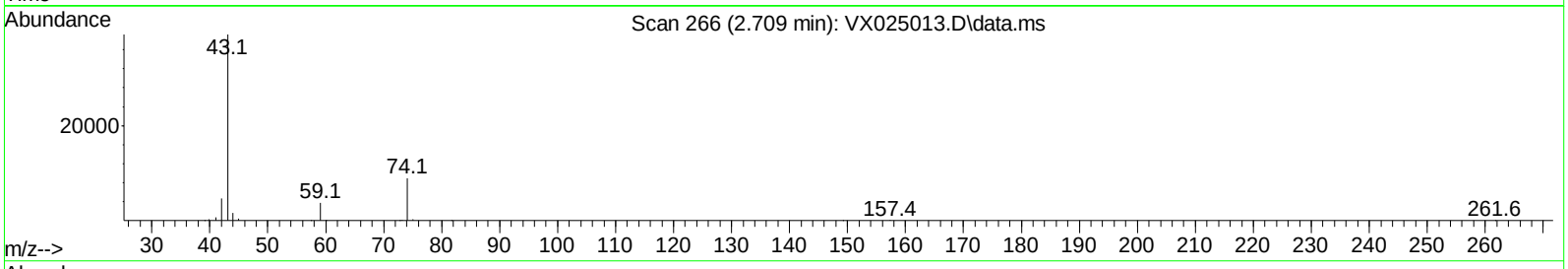

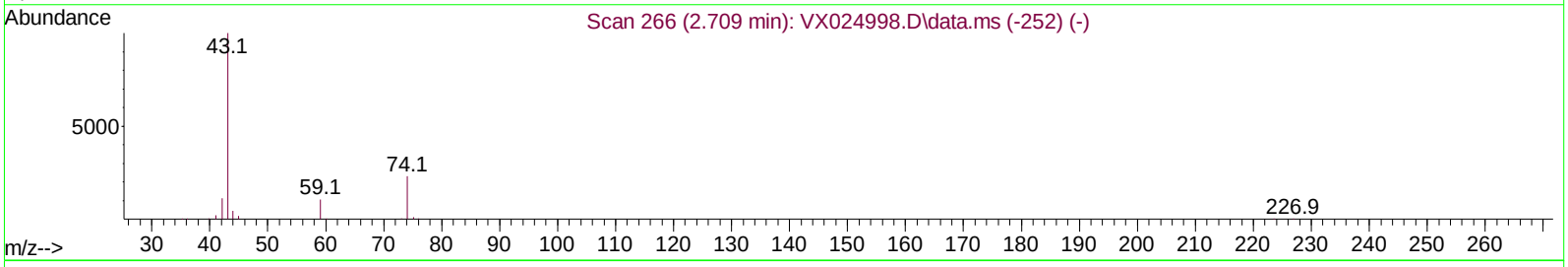

TIC: VX025013.D\data.ms

(15) Methyl Acetate (T)

2.709min (+ 0.000) 46.61 ug/L m

response 71705

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	35.70	0.03#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	175832	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	163179	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81923	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49471	44.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.280%		
7) Chloroethane-d5	1.666	69	34110	44.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.040%		
11) 1,1-Dichloroethene-d2	2.307	63	128205	46.419	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.840%		
21) 2-Butanone-d5	4.459	46	102346	91.418	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.420%		
24) Chloroform-d	5.056	84	138081	47.082	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.160%		
26) 1,2-Dichloroethane-d4	5.958	65	98324	45.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.440%		
32) Benzene-d6	5.977	84	212580	45.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.800%		
36) 1,2-Dichloropropane-d6	7.312	67	73875	46.803	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.600%		
41) Toluene-d8	8.653	98	205809	46.447	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.900%		
43) trans-1,3-Dichloroprop...	8.952	79	44221	48.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.500%		
47) 2-Hexanone-d5	9.385	63	74311	92.468	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.470%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	102281	47.921	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.840%		
66) 1,2-Dichlorobenzene-d4	12.323	152	71096	44.723	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	82942	50.256	ug/L	100
3) Chloromethane	1.288	50	50714	44.190	ug/L	86
5) Vinyl chloride	1.374	62	58419	45.245	ug/L	100
6) Bromomethane	1.612	94	37581	45.238	ug/L	95
8) Chloroethane	1.691	64	30831	47.258	ug/L	100
9) Trichlorofluoromethane	1.886	101	134141	46.800	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	67138	51.640	ug/L	93
12) 1,1-Dichloroethene	2.319	96	56063	51.261	ug/L	81
13) Acetone	2.386	43	107690	101.199	ug/L	93
14) Carbon disulfide	2.514	76	149642	50.479	ug/L	99
15) Methyl Acetate	2.709	43	71705m	46.607	ug/L	
16) Methylene chloride	2.788	84	64304	51.927	ug/L	81
17) trans-1,2-Dichloroethene	3.093	96	59332	52.979	ug/L	88
18) Methyl tert-butyl Ether	3.111	73	235600	50.944	ug/L #	91
19) 1,1-Dichloroethane	3.611	63	130594	50.184	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	65959	52.134	ug/L	74
22) 2-Butanone	4.562	43	125673	95.938	ug/L	80
23) Bromochloromethane	4.898	128	32845	51.964	ug/L #	62

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	5.099	83	146041	50.428	ug/L		97
27) 1,2-Dichloroethane	6.086	62	121830	47.584	ug/L		98
29) Cyclohexane	5.471	56	109611	49.544	ug/L	#	77
30) 1,1,1-Trichloroethane	5.385	97	141496	50.129	ug/L	#	93
31) Carbon tetrachloride	5.678	117	120524	50.412	ug/L		99
33) Benzene	6.044	78	248006	49.089	ug/L		100
34) Trichloroethene	7.123	95	74804	49.079	ug/L		88
35) Methylcyclohexane	7.385	83	112645	51.217	ug/L	#	86
37) 1,2-Dichloropropane	7.428	63	72126	50.182	ug/L	#	95
38) Bromodichloromethane	7.824	83	111441	50.750	ug/L		95
39) cis-1,3-Dichloropropene	8.366	75	114614	49.066	ug/L		98
40) 4-Methyl-2-pentanone	8.574	43	207622	93.017	ug/L	#	83
42) Toluene	8.720	91	277276	50.154	ug/L		96
44) trans-1,3-Dichloropropene	8.982	75	122127	50.778	ug/L		97
45) 1,1,2-Trichloroethane	9.153	97	63480	47.178	ug/L		95
46) Tetrachloroethene	9.275	164	48716	51.206	ug/L		88
48) 2-Hexanone	9.433	43	173070	93.811	ug/L	#	84
49) Dibromochloromethane	9.525	129	80235	52.974	ug/L		99
50) 1,2-Dibromoethane	9.610	107	73099	49.243	ug/L		95
51) Chlorobenzene	10.080	112	167073	50.534	ug/L	#	86
52) Ethylbenzene	10.195	91	322787	50.595	ug/L		97
53) m,p-Xylene	10.305	106	109828	50.049	ug/L		94
54) o-Xylene	10.647	106	108273	50.472	ug/L		97
55) Styrene	10.659	104	186783	51.480	ug/L		99
57) 1,1,2,2-Tetrachloroethane	11.214	83	105791	48.858	ug/L		99
59) Bromoform	10.799	173	50275	49.822	ug/L		96
60) Isopropylbenzene	10.964	105	318709	51.040	ug/L		97
61) 1,2,3-Trichloropropane	11.244	75	93664	46.938	ug/L		92
62) 1,3,5-Trimethylbenzene	11.451	105	277151	51.248	ug/L		98
63) 1,2,4-Trimethylbenzene	11.756	105	275587	50.833	ug/L		100
64) 1,3-Dichlorobenzene	11.969	146	124678	51.307	ug/L		97
65) 1,4-Dichlorobenzene	12.043	146	124126	49.391	ug/L		98
67) 1,2-Dichlorobenzene	12.335	146	124705	50.237	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.945	75	29464	45.278	ug/L		94
69) 1,3,5-Trichlorobenzene	13.116	180	89807	51.457	ug/L		97
70) 1,2,4-trichlorobenzene	13.591	180	80363	54.321	ug/L		99
71) Naphthalene	13.780	128	283639	55.437	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	80031	52.605	ug/L		97

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

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