Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092821\
Data File : VV022335.D
Acq On : 27 Sep 2021 16:09
Operator : SY/MD
Sample : VSTD00551
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 02:14:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 28 02:13:12 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005251

Manual Integrations APPROVED
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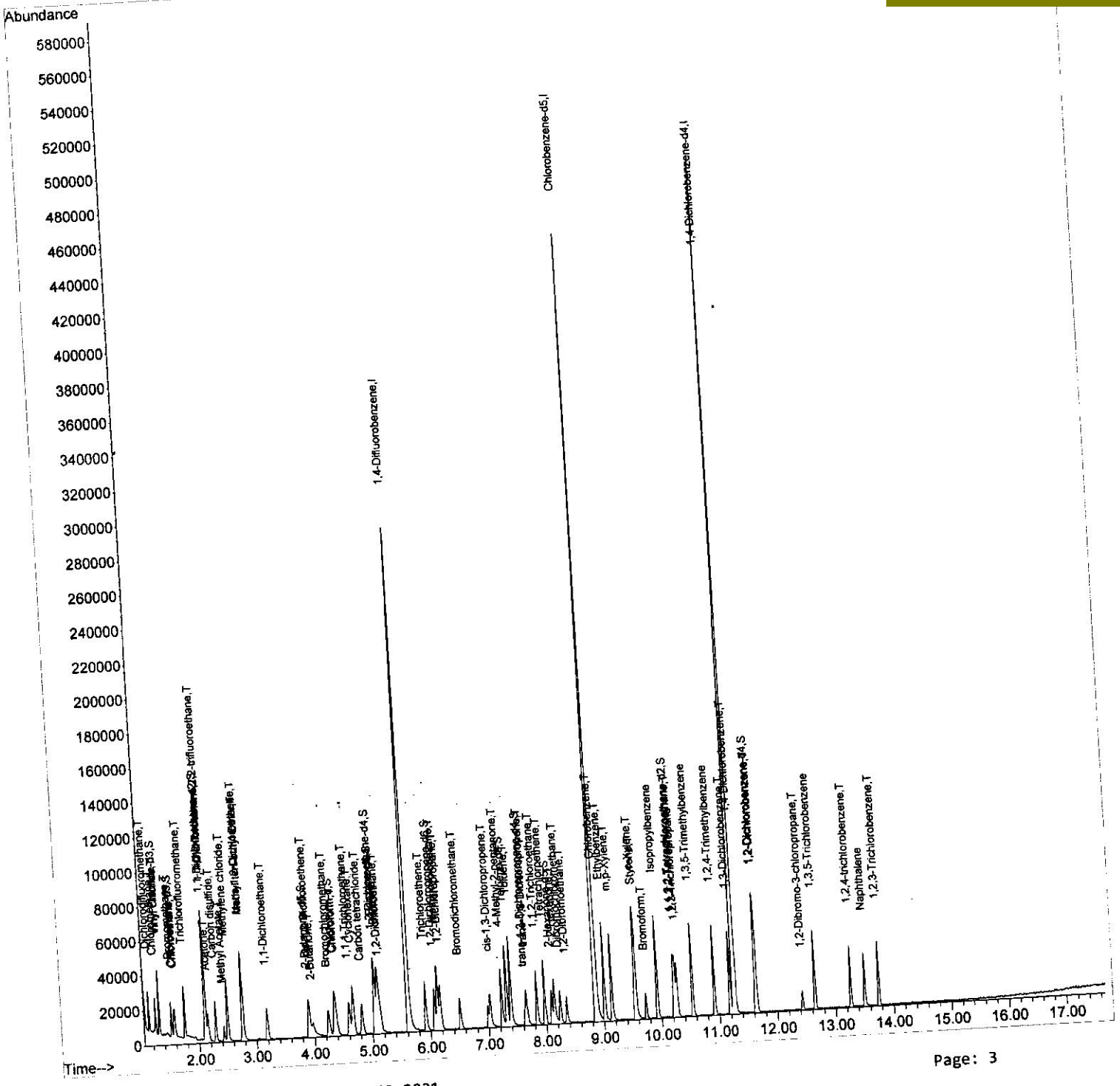
9/29/2021 5:12:42 PM

TIC: VV022335.D\data.ms



SFAMVLM092721WMA.M Mon Oct 04 17:15:49 2021

Quantitation Report (Qedit)

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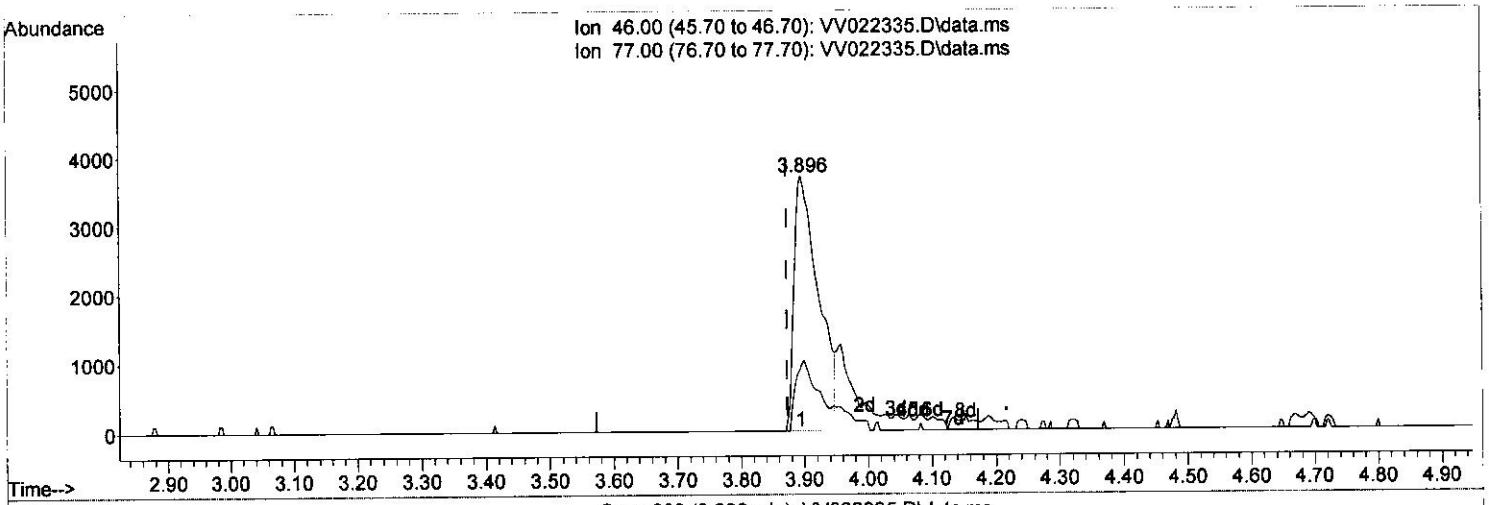

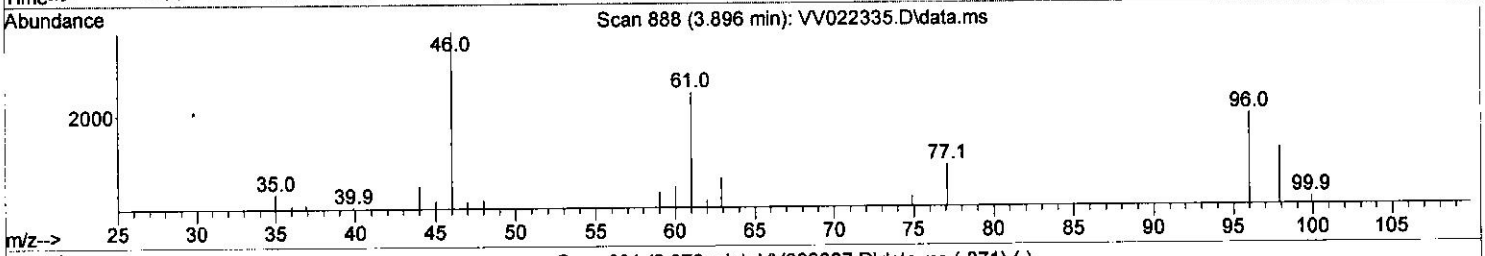

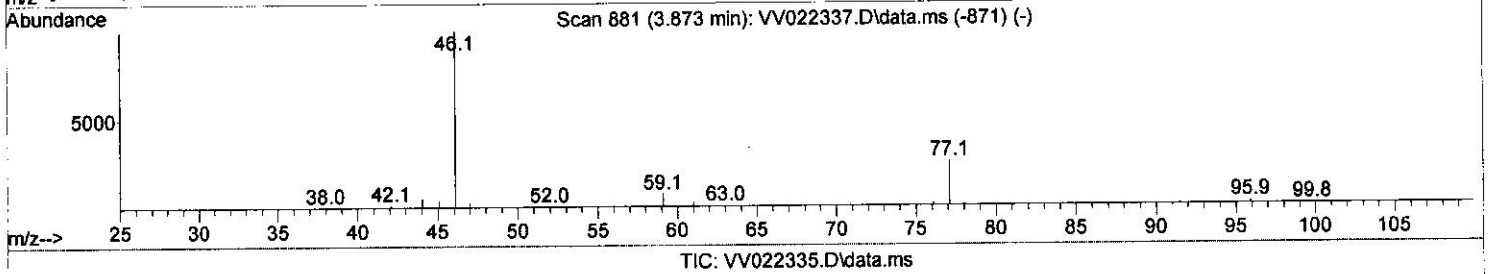

TIC: VV022335.D\data.ms

(21) 2-Butanone-d5 (S)

3.896min (+ 0.022) 7.42 ug/L

response 9739

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	24.50	24.17
0.00	0.00	0.00
0.00	0.00	0.00

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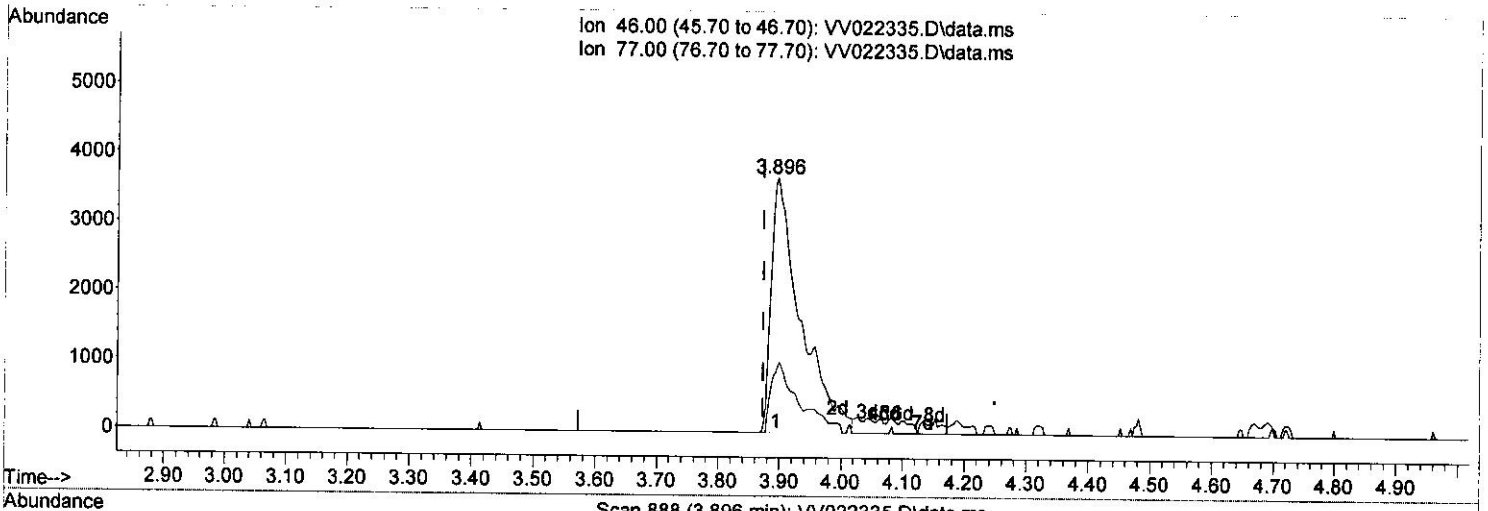

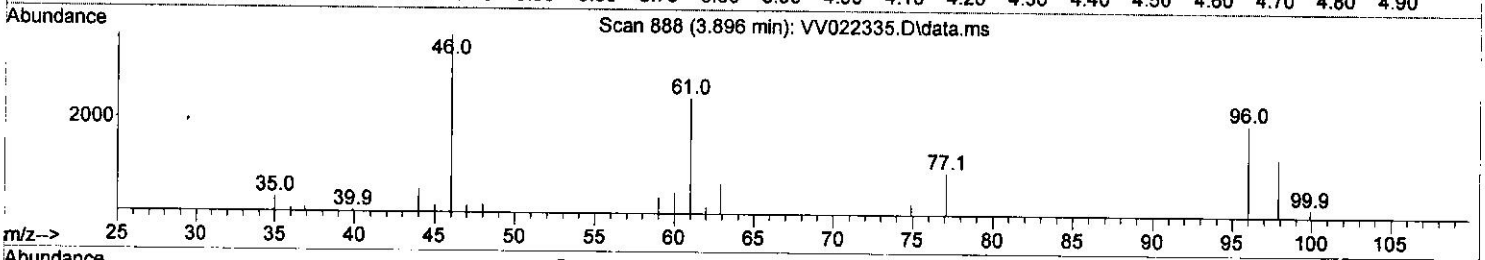

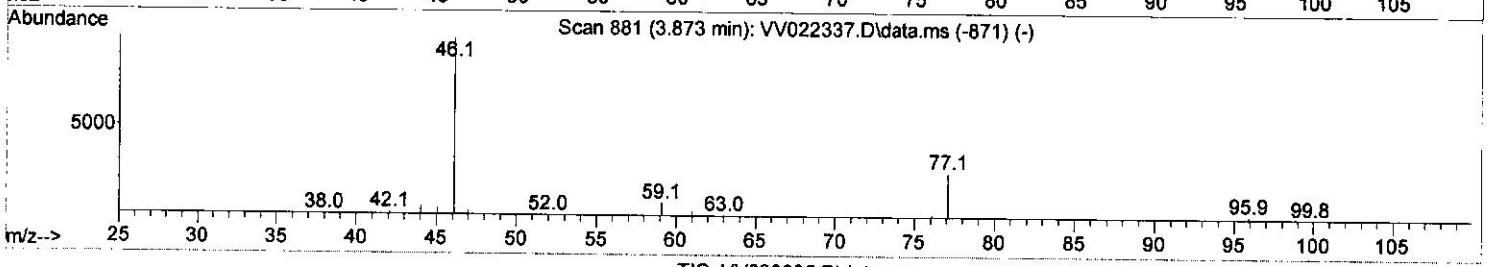

TIC: VV022335.D\data.ms

(21) 2-Butanone-d5 (S)

3.896min (+ 0.022) 9.29 ug/L m MD 10/1/21

response 12195

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	24.50	19.30
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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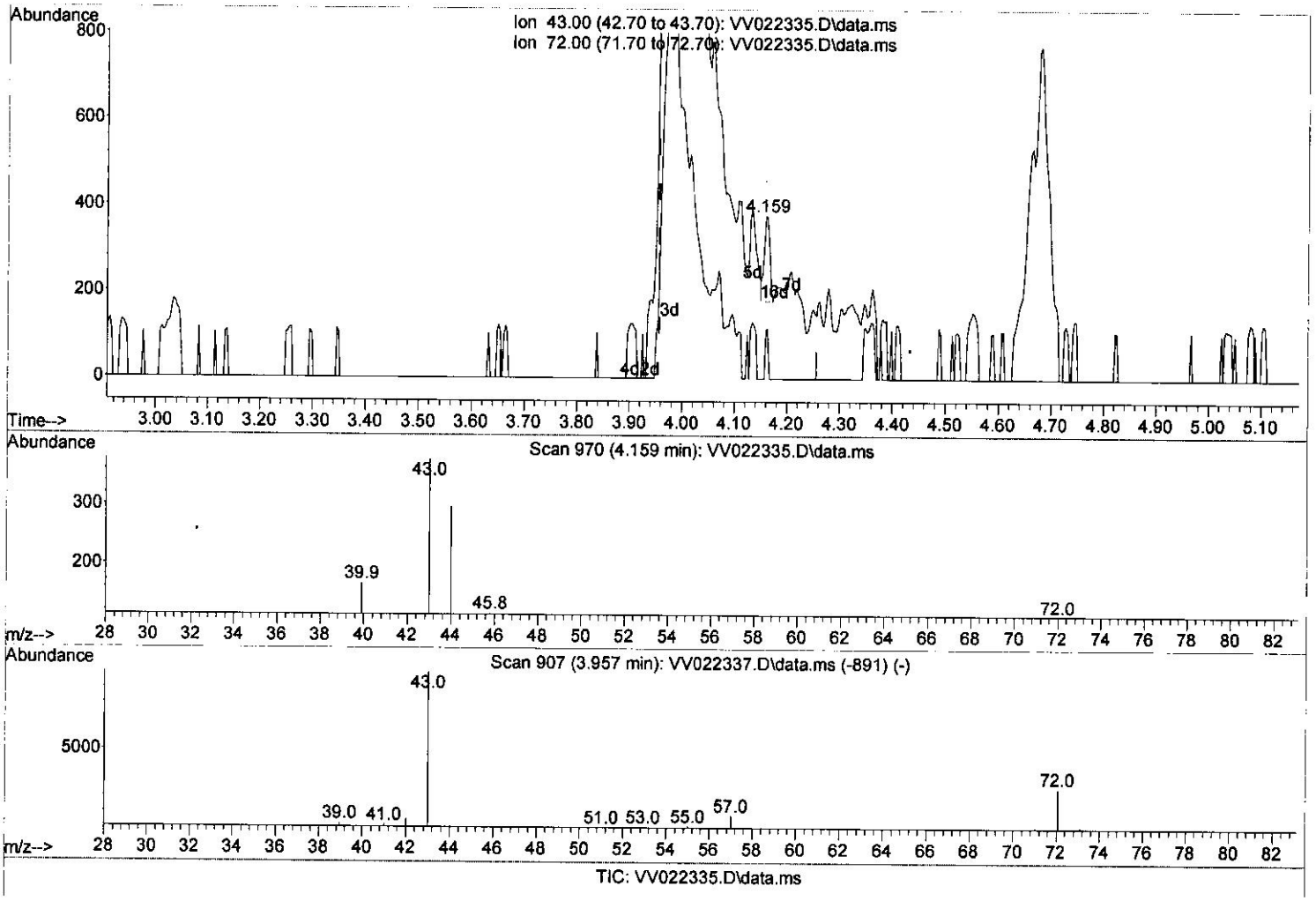

TIC: VV022335.D\data.ms

(22) 2-Butanone (T)

4.159min (+ 0.203) 0.10 ug/L

response 143

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.60	30.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : VSTD00551
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ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 02:14:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis
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Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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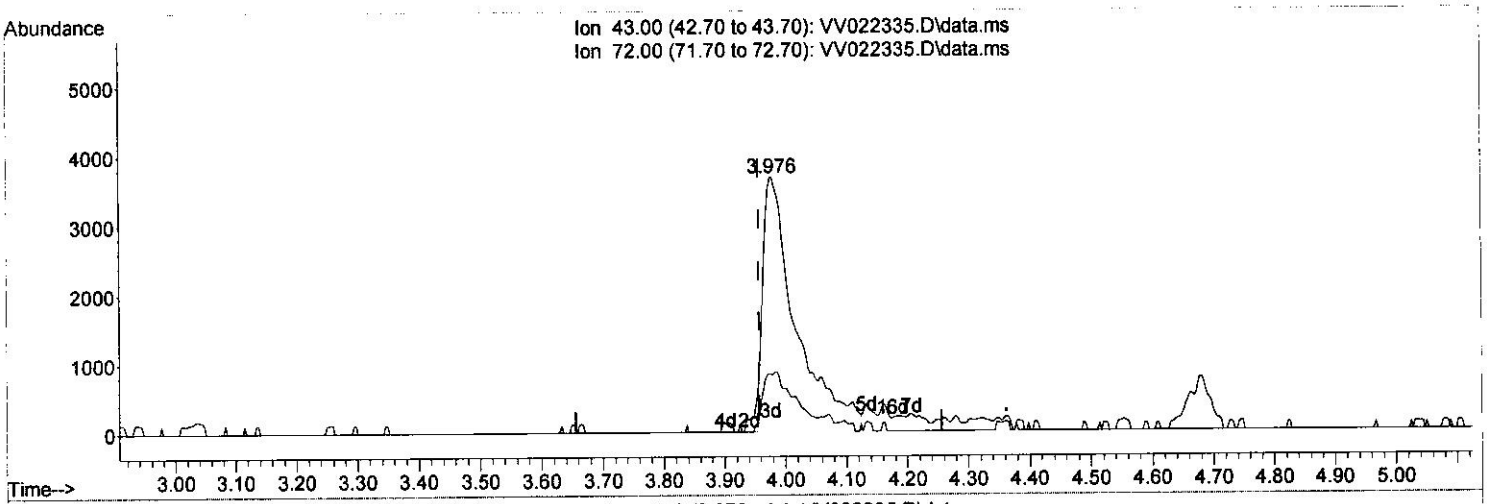
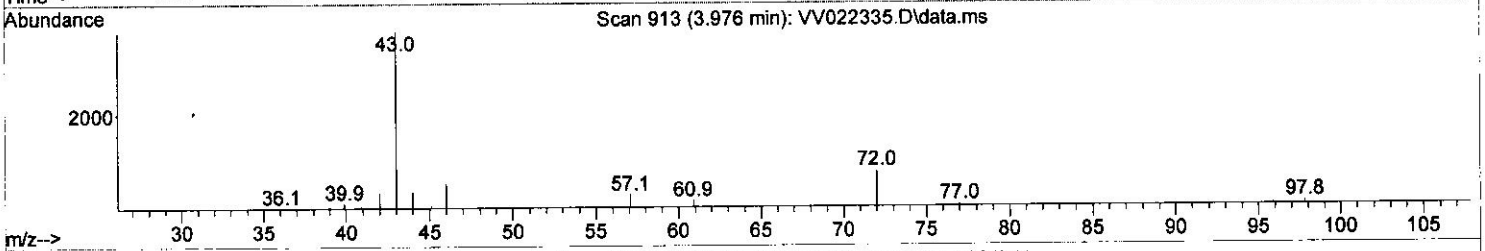
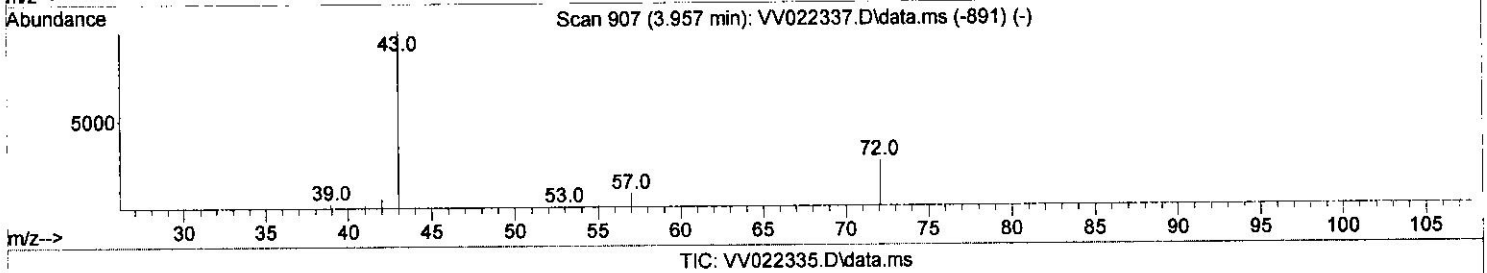
9/29/2021 5:12:42 PM







TIC: VV022335.D\data.ms

(22) 2-Butanone (T)

3.976min (+ 0.019) 9.57 ug/L m 3 M.D 10/11/21

response 14272

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.60	0.31#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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9/29/2021 5:12:42 PM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.613	114	262643	50.000 ug/L	0.00
28) Chlorobenzene-d5	8.850	117	256710	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	129897	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	10808	5.736 ug/L	0.00
7) Chloroethane-d5	1.565	69	8765	5.932 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	18894	5.968 ug/L	0.00
21) 2-Butanone-d5	3.896	46	12195m	9.294 ug/L	0.02
24) Chloroform-d	4.349	84	19717	5.762 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	11645	5.702 ug/L	0.00
32) Benzene-d6	5.050	84	36758	5.106 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	11876	5.245 ug/L	0.00
41) Toluene-d8	7.317	98	31726	4.700 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	4954	4.627 ug/L	0.00
47) 2-Hexanone-d5	8.095	63	7314	8.313 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	16827	5.660 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	13494	5.172 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.127	85	12973	6.697 ug/L	96
3) Chloromethane	1.243	50	13343	6.578 ug/L	99
5) Vinyl chloride	1.311	62	12424	6.181 ug/L	98
6) Bromomethane	1.519	94	8212	6.739 ug/L	99
8) Chloroethane	1.584	64	7494	6.000 ug/L	95
9) Trichlorofluoromethane	1.751	101	16755	5.890 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	9745	5.931 ug/L	97
12) 1,1-Dichloroethene	2.118	96	8790	5.653 ug/L	81
13) Acetone	2.159	43	13898	13.020 ug/L	97
14) Carbon disulfide	2.291	76	25988	5.495 ug/L	98
15) Methyl Acetate	2.433	43	10139	4.843 ug/L	99
16) Methylene chloride	2.503	84	14635	7.048 ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	9900	5.329 ug/L	97
18) Methyl tert-butyl Ether	2.767	73	28062	4.808 ug/L	99
19) 1,1-Dichloroethane	3.188	63	18358	5.532 ug/L	95
20) cis-1,2-Dichloroethene	3.915	96	10169	4.955 ug/L	98
22) 2-Butanone	3.976	43	14272m	9.570 ug/L	
23) Bromochloromethane	4.249	128	5625	5.125 ug/L	94
25) Chloroform	4.375	83	18173	5.189 ug/L	96
27) 1,2-Dichloroethane	5.133	62	12932	5.485 ug/L	100
29) Cyclohexane	4.674	56	13986	4.797 ug/L #	90
30) 1,1,1-Trichloroethane	4.606	97	14884	4.864 ug/L	96
31) Carbon tetrachloride	4.828	117	13109	4.971 ug/L	100
33) Benzene	5.101	78	37274	4.921 ug/L	100
34) Trichloroethene	5.915	95	10340	4.932 ug/L	95
35) Methylcyclohexane	6.127	83	14669	4.688 ug/L	97
37) 1,2-Dichloropropane	6.175	63	9827	5.010 ug/L #	92
38) Bromodichloromethane	6.510	83	12373	4.955 ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	12756	4.266 ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	23563	8.807 ug/L	97
42) Toluene	7.391	91	38495	4.717 ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	11698	4.178 ug/L	97

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9/29/2021 5:12:42 PM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	10197	5.137 ug/L	97
46) Tetrachloroethene	7.976	164	8539	5.186 ug/L	97
48) 2-Hexanone	8.146	43	15973	7.729 ug/L	97
49) Dibromochloromethane	8.249	129	10182	4.794 ug/L	95
50) 1,2-Dibromoethane	8.355	107	10648	5.001 ug/L #	99
51) Chlorobenzene	8.883	112	27108	4.985 ug/L	99
52) Ethylbenzene	9.014	91	40024	4.559 ug/L	100
53) m,p-Xylene	9.140	106	14641	4.296 ug/L	96
54) o-Xylene	9.545	106	14090	4.185 ug/L	93
55) Styrene	9.564	104	23199	4.019 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	16224	5.507 ug/L	98
59) Bromoform	9.735	173	6632	4.786 ug/L #	97
60) Isopropylbenzene	9.931	105	37275	4.573 ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	12286	5.395 ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	28950	4.238 ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	28311	4.077 ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	20142	4.871 ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	21176	5.017 ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	20510	4.979 ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	2790	5.036 ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	13860	4.524 ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	10829	4.052 ug/L	99
71) Naphthalene	13.506	128	23539	3.005 ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	11758	4.464 ug/L	93

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