Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101519\
Data File : VV013172.D
Acq On : 15 Oct 2019 17:31
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 15 18:59:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 15 18:13:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05076

Manual Integrations APPROVED
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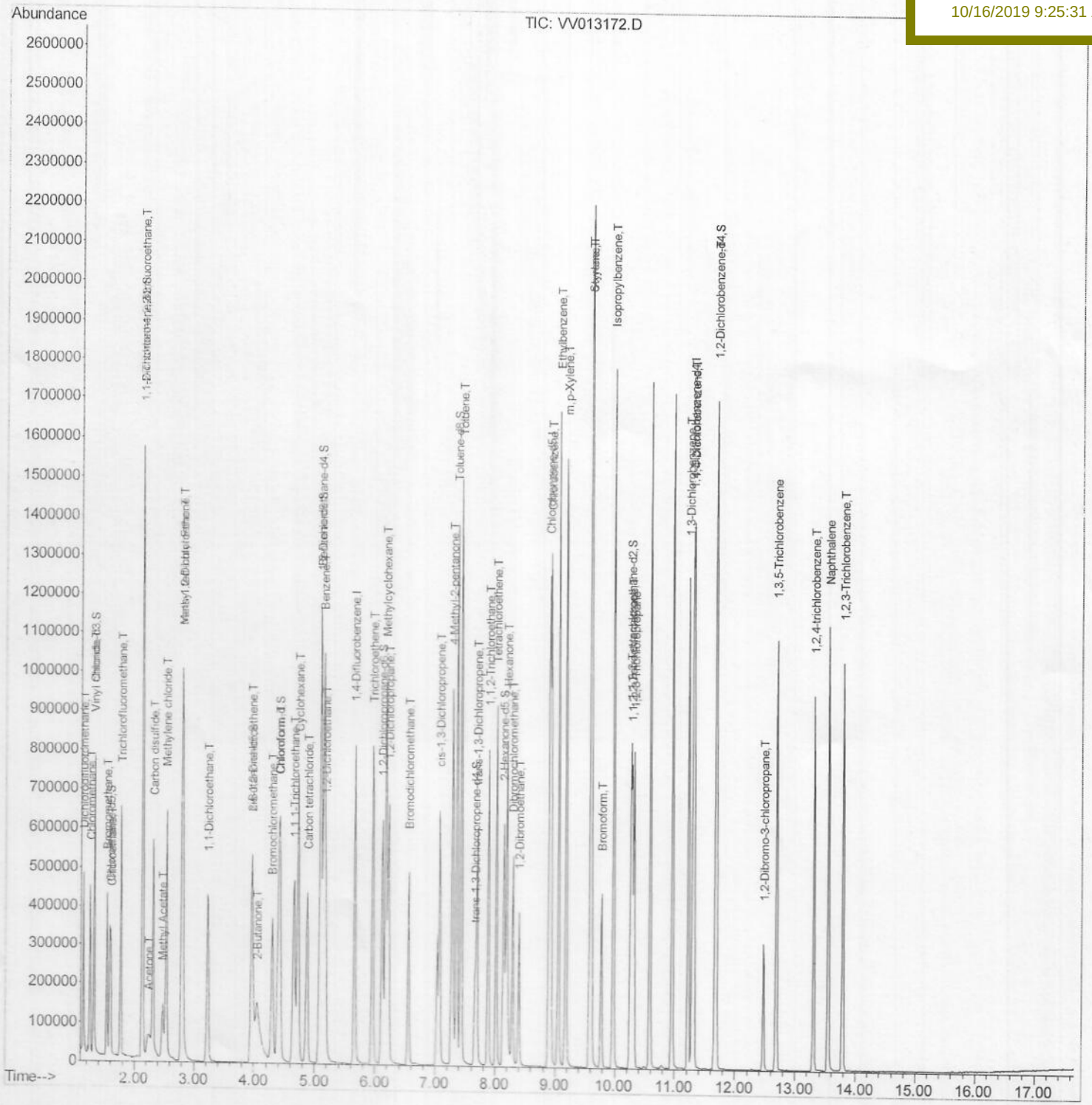
10/16/2019 9:25:31 AM



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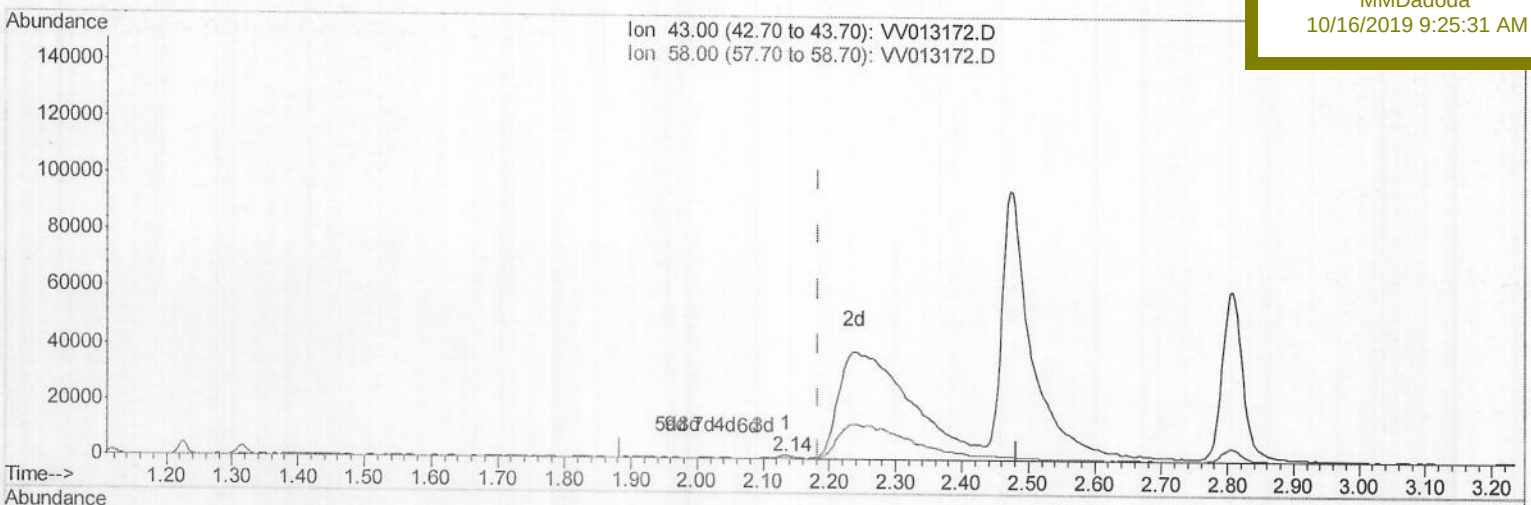

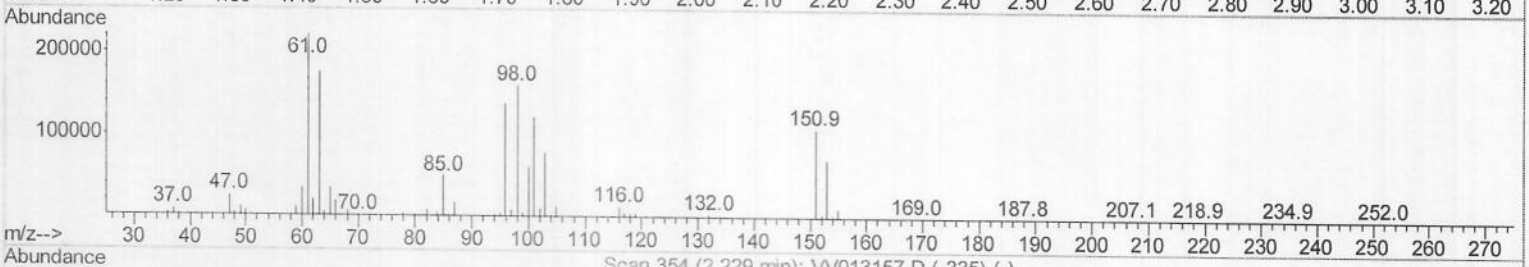

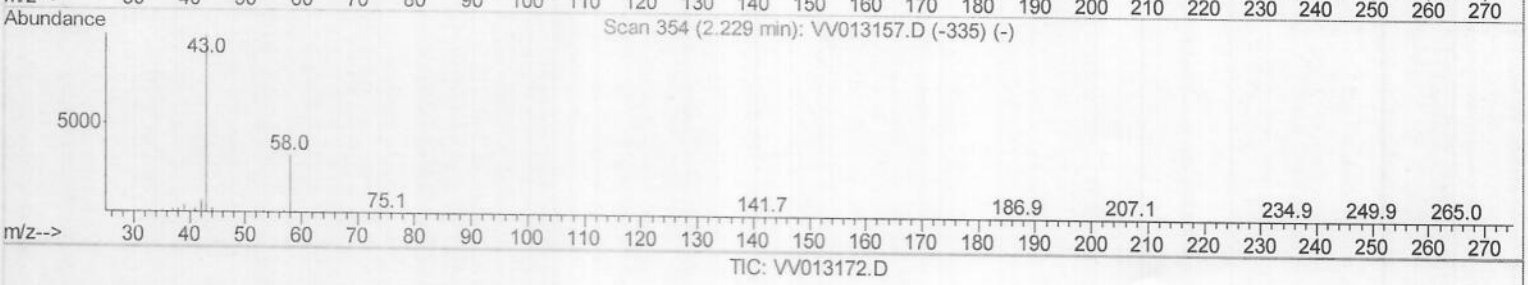

TIC: VV013172.D

(13) Acetone (T)

2.135min (-0.048) 0.51ug/L

response 1565

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	47.67
0.00	0.00	0.00
0.00	0.00	0.00

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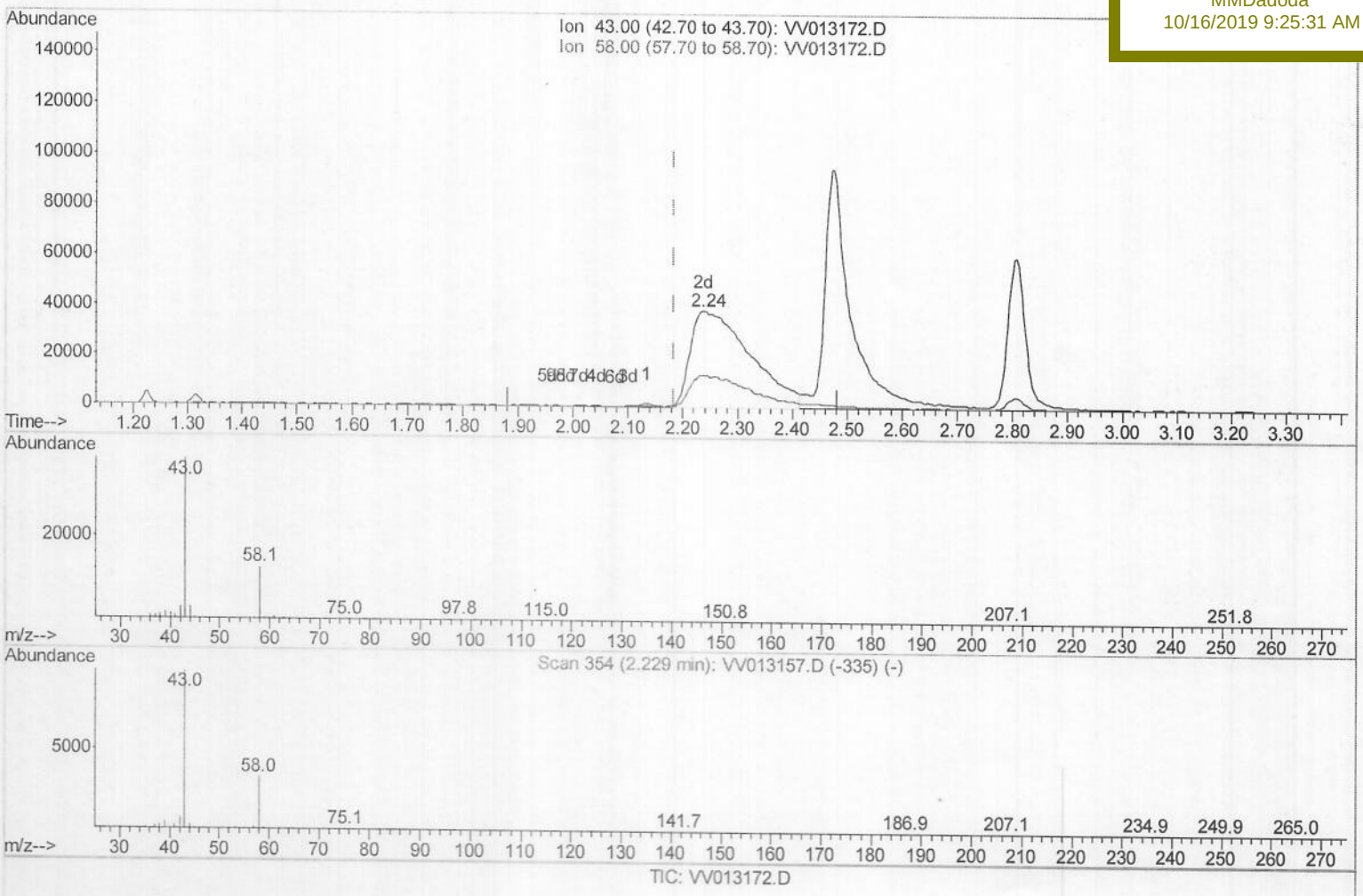

TIC: VV013172.D

(13) Acetone (T)

2.238min (+0.055) 94.31ug/L m

M.D 10/21/19

response 291985

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	0.26
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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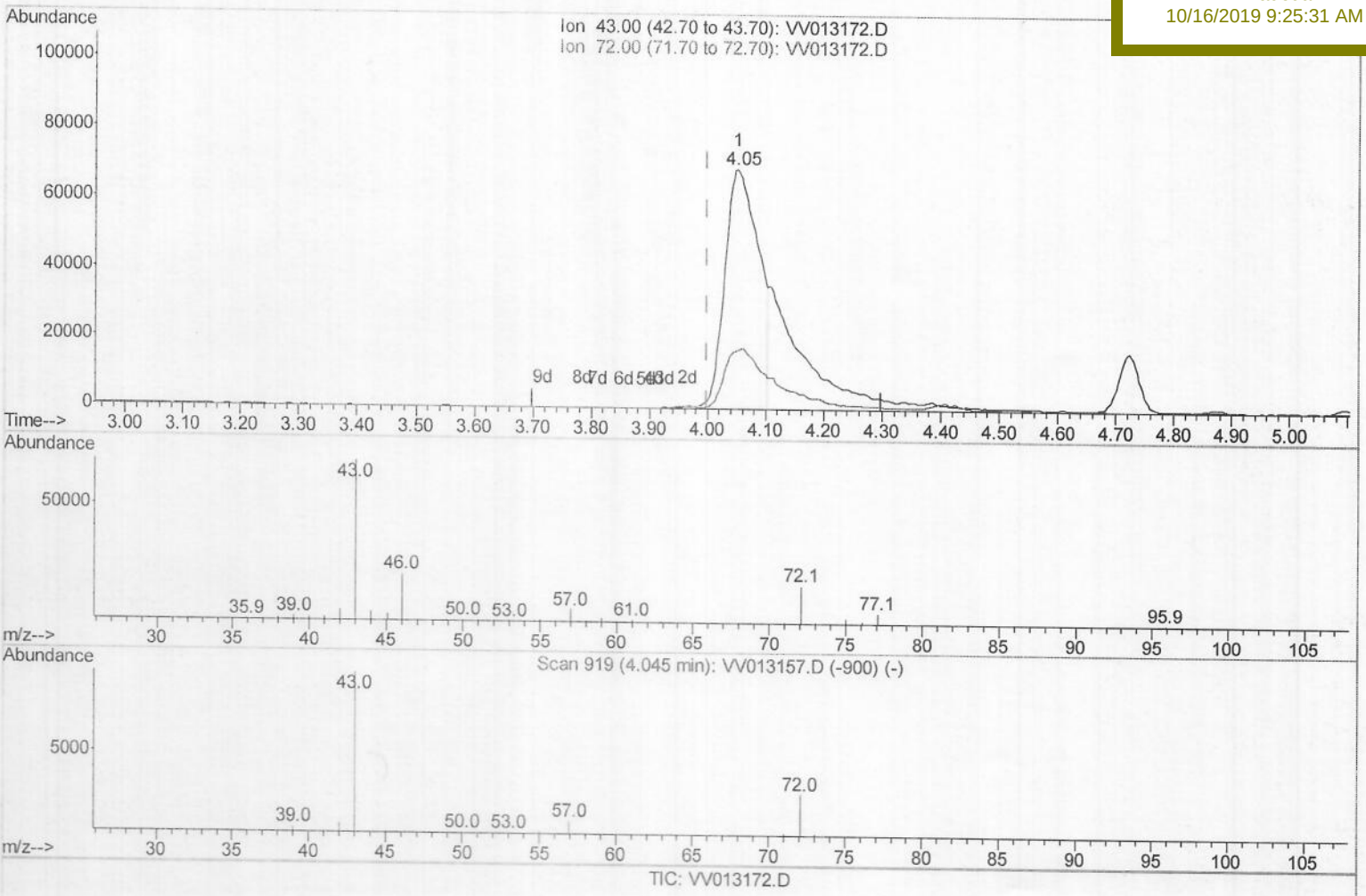
10/16/2019 9:25:31 AM



TIC: VV013172.D

(22) 2-Butanone (T)

4.052min (+0.051) 69.13ug/L

response 272432

Ion	Exp%	Act%
43.00	100	100
72.00	25.60	26.01
0.00	0.00	0.00
0.00	0.00	0.00

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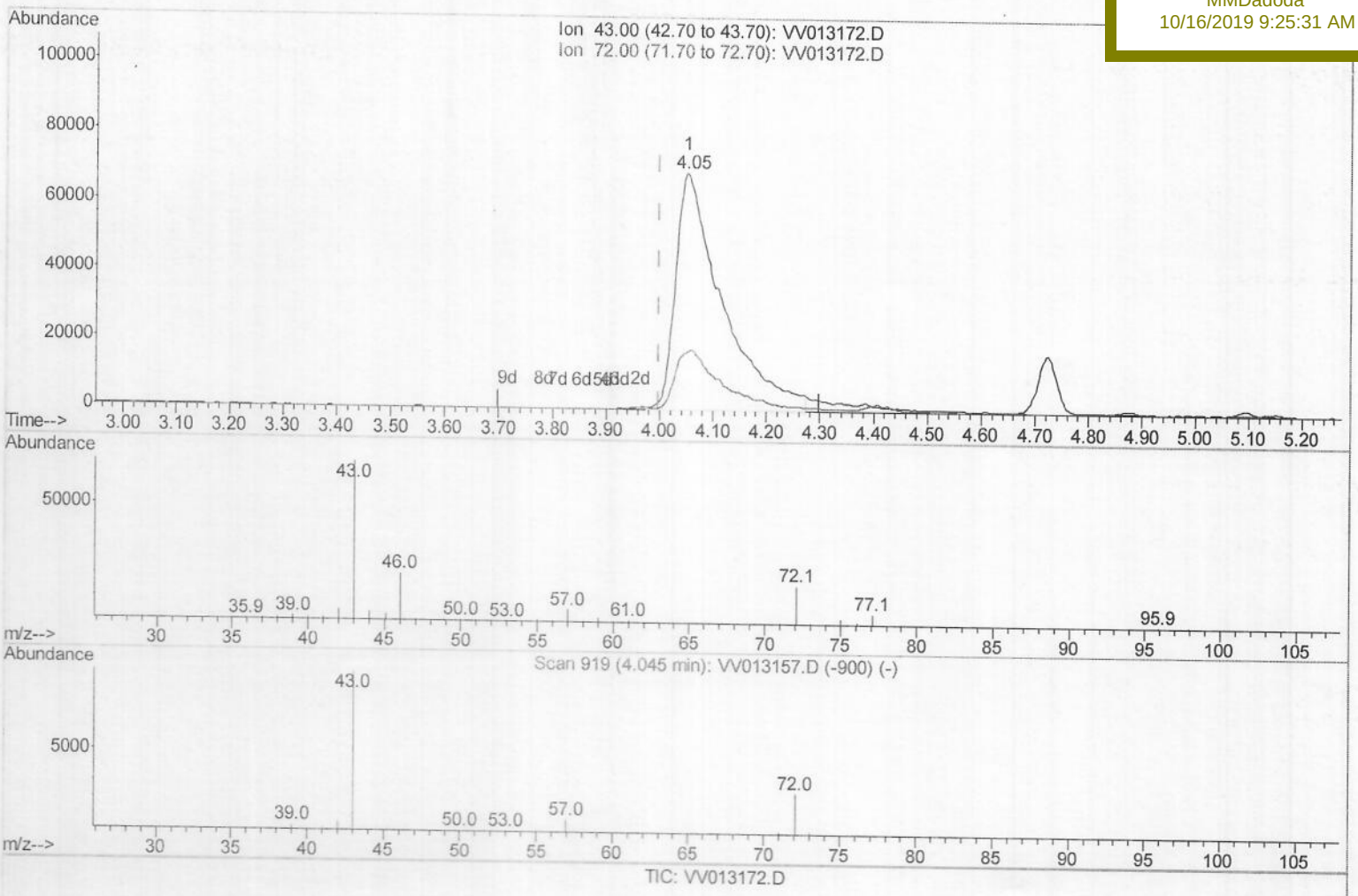

TIC: VV013172.D

(22) 2-Butanone (T)

4.052min (+0.051) 106.53ug/L m M.D 10/21/19

response 419796

Ion	Exp%	Act%
43.00	100	100
72.00	25.60	16.88
0.00	0.00	0.00
0.00	0.00	0.00

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10/16/2019 9:25:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	709440	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	680743	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336492	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	243787	54.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.72%			
7) Chloroethane-d5	1.58	69	201179	54.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.46%			
11) 1,1-Dichloroethene-d2	2.13	63	392101	46.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.72%			
21) 2-Butanone-d5	3.97	46	355018	105.29	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.29%			
24) Chloroform-d	4.40	84	479977	55.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.20%			
26) 1,2-Dichloroethane-d4	5.08	65	290496	54.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.18%			
32) Benzene-d6	5.10	84	1000153	55.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.14%			
36) 1,2-Dichloropropane-d6	6.12	67	307928	54.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.22%			
41) Toluene-d8	7.36	98	910624	56.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.06%			
43) trans-1,3-Dichloropropene-	7.66	79	131731	51.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.20%			
47) 2-Hexanone-d5	8.13	63	234389	103.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	385251	52.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.92%			
64) 1,2-Dichlorobenzene-d4	11.67	152	345184	52.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.72%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	266471	48.422	ug/L	100
3) Chloromethane	1.25	50	293052	46.798	ug/L	100
5) Vinyl chloride	1.32	62	283689	47.157	ug/L	99
6) Bromomethane	1.53	94	182761	59.374	ug/L	96
8) Chloroethane	1.60	64	171845	48.024	ug/L	99
9) Trichlorofluoromethane	1.77	101	368761	47.772	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	201153	44.240	ug/L	95
12) 1,1-Dichloroethene	2.14	96	193496	43.980	ug/L	95
13) Acetone	2.24	43	291985m	94.310	ug/L	
14) Carbon disulfide	2.31	76	589271	46.183	ug/L	99
15) Methyl Acetate	2.47	43	272650	49.695	ug/L	100
16) Methylene chloride	2.53	84	259032	49.485	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	231627	48.528	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	717031	49.771	ug/L	99
19) 1,1-Dichloroethane	3.23	63	446505	49.593	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	256940	47.564	ug/L	98
22) 2-Butanone	4.05	43	419796m	106.529	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	136663	49.811 ug/L	97
25) Chloroform	4.42	83	459025	50.600 ug/L	98
27) 1,2-Dichloroethane	5.18	62	346164	49.780 ug/L	99
29) Cyclohexane	4.72	56	397240	48.724 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	372952	49.375 ug/L	99
31) Carbon tetrachloride	4.87	117	324963	48.416 ug/L	99
33) Benzene	5.14	78	1029984	49.676 ug/L	100
34) Trichloroethene	5.96	95	277806	50.321 ug/L	98
35) Methylcyclohexane	6.17	83	402236	48.167 ug/L	99
37) 1,2-Dichloropropane	6.22	63	262720	48.933 ug/L	99
38) Bromodichloromethane	6.55	83	333287	48.786 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	387212	48.764 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	743917	105.847 ug/L	98
42) Toluene	7.43	91	1091613	51.141 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	334234	48.557 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	252878	49.609 ug/L	99
46) Tetrachloroethene	8.02	164	217920	49.860 ug/L	97
48) 2-Hexanone	8.19	43	594556	109.397 ug/L	99
49) Dibromochloromethane	8.29	129	272382	49.030 ug/L	98
50) 1,2-Dibromoethane	8.39	107	258931	48.602 ug/L	98
51) Chlorobenzene	8.92	112	684235	48.882 ug/L	99
52) Ethylbenzene	9.05	91	1148087	50.355 ug/L	99
53) m,p-Xylene	9.18	106	443459	51.699 ug/L	100
54) o-xylene	9.59	106	426896	49.674 ug/L	99
55) Styrene	9.60	104	737929	52.286 ug/L	99
56) Isopropylbenzene	9.97	105	1119408	50.727 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	355532	47.978 ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	324674	49.673 ug/L	99
61) Bromoform	9.77	173	199667	47.155 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	520717	47.853 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	523353	47.894 ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	537651	48.536 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	74157	46.027 ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	353412	45.541 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	299997	45.071 ug/L	99
69) Naphthalene	13.55	128	863796	47.106 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	334808	47.023 ug/L	100

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